# Renton Campus Addendum

Revision Date: 11/1/26

Catalog Addendum for Pima Medical Institute, 2026-2027 Catalog published January 2026
Effective Dates: January 1, 2026 - December 31, 2027

555 S. Renton Village Place, Suite 110
Renton, WA 98057
425-228-9600

PIMA MEDICAL INSTITUTE DOES NOT AND WILL NOT PROVIDE ANY COMMISSION, BONUS, OR OTHER INCENTIVE PAYMENT BASED DIRECTLY OR INDIRECTLY ON SUCCESS IN SECURING ENROLLMENT OR FINANCIAL AID TO ANY PERSONS OR ENTITIES ENGAGED IN ANY STUDENT RECRUITING OR ADMISSIONS ACTIVITIES OR IN MAKING DECISIONS REGARDING THE AWARD OF STUDENT FINANCIAL ASSISTANCE.

SELECTED PROGRAMS OF STUDY AT PIMA MEDICAL INSTITUTE ARE APPROVED BY THE WORKFORCE TRAINING AND EDUCATION

COORDINATING BOARD'S STATE APPROVING AGENCY (WTECB/SAA) FOR ENROLLMENT OF THOSE ELIGIBLE TO RECEIVE BENEFITS UNDER TITLE 38 AND TITLE 10, USC

THIS SCHOOL IS LICENSED UNDER CHAPTER 28C.10 RCW

INQUIRIES OR COMPLAINTS REGARDING THIS OR ANY OTHER PRIVATE VOCATIONAL SCHOOL MAY BE MADE TO:

WORKFORCE TRAINING AND EDUCATIONAL COORDINATING BOARD
128 10TH AVE SW
P.O. BOX 43105
OLYMPIA, WA
98504-3105

Web: wtb.wa.gov
Phone: 360.709.4600
Email: pvsa@wtb.wa.gov

# Renton Campus Leadership and Staff

Revision Date: 11/1/26

| First Name | Last Name | Credentials | Title |
|---|---|---|---|
| Neldon | Brown | Bachelor of Science- HCA | Campus President |
| Vacant | | | Campus Vice President |
| Susan | Wynne | Bachelor of Science- Psychology | Assistant Dean of Faculty |
| Sue | Thomas | | Office Manager/Registrar |
| Michelle | Jensen | | Office Assistant |
| Helen | Thornock | | Receptionist |
| Valerie | Yamamoto | | Eve Receptionist |
| Michelle | Jensen | | Office Assistant/Associate Degree Programs |
| Robert | Stilwell | | Medical Career Specialist |
| Therese | Franco | | Admissions Assistant |
| Michelle | Marion | | Student Finance Coordinator/SCO |
| Christopher | West | | Student Finance Officer |
| Tuanette | Logan-Hill | Certificate-MAA | Career Services Coordinator |
| Michael | Camacho | | Career Services Advisor |
| Kenisha | Williamson | | Career Services Advisor |

# Renton Campus Faculty

Revision Date: 11/1/26

| First Name | Last Name | Credentials | Certificate / Degree | School | Current Title | Employment Status |
|---|---|---|---|---|---|---|
| Cristian | Arrellano | MA-C | Certificate, Medical Assistant | Renton Technical College | Medical Assistant Instructor | Part-time |
| April | Azevedo | ARDMS A | AAS DMS | Southwest University | Diagnostic Medical Sonography Instructor | Part-time |
| Cassie | Bishop | MA-C, CMA | Certificate, Medical Assistant | Pima Medical Institute | Medical Assistant Instructor | Part-time |
| Nicole | Brentin | LVT | A.S., Veterinary Technology | Pierce College | Veterinary Technician Instructor; Veterinary Assistant Instructor | Full-time |
| Teresa | Brewster | PTC, CPhT | A.S., Business Administration | Everest University | Pharmacy Technician Lead Instructor | Full-time |
| | | | Diploma, Pharmacy Technician | Everest College | | |
| Marisa | Dobiash | LVT | B.S., Zoology | University of Washington | Veterinary Technician Program Director | Full-time |
| | | | A.S., Veterinary Technology | Pierce College | | |
| Hussein | El Ebiary | MA | MA, Microbiology/Biology/Teaching | Arizona State University | General Education Instructor | Part-time |
| | | BA | BA, Microbiology/Chemistry | Oregon State University | | |
| Tracy | Ferry | MA | Masters of Legal Studies | Texas A&M Law | General Education Instructor | Part-time |

| First Name | Last Name | Credentials | Certificate / Degree | School | Current Title | Employment Status |
|---|---|---|---|---|---|---|
| Molly | Flynn | DAR | Certificate, Dental Assistant | Lake Washington Institute of Technology | Dental Assistant Instructor | Part-time |
| Annie | Fomai | MA-P | Certificate, Phlebotomy Technician | Pima Medical Institute | Phlebotomy Technician Lead Instructor | |
| Kanoelehua | Gaines | AAS, CMA | Healthcare Administration | Pima Medical Institute | Medical Assistant Lead Instructor | Full-time |
| | | MA | Certificate, Medical Assistant | Pima Medical Institute | | |
| Marla | Gritzan | RCP, RRT | A.A.S., Respiratory Therapy | Concorde College | Respiratory Therapy Clinical Director of Education | Full-time |
| Jean | Hendrickson | DAR, DANB | Certificate, Dental Assisting | Renton Technical College | Dental Assistant Instructor | Part-time |
| Matthew | Kean | A.A.S | A.A.S., Health Care Administration | Pima Medical Institute | Career Prep Instructor | Full-time |
| Melissa | Lacayo-Zapata | MA-C, CMA | AAS, Medical Assistant | Highline College | Medical Assistant Instructor | Full-time |
| Kim | Marino | LVT | AAS, Veterinary Technician | Pima Medical Institute | Veterinary Assistant Instructor | Part-time |
| James | Matteson | LVT | AAS., Veterinary Technician | Pima Medical Institute | Veterinary Technician Instructor | Part-time |
| Katrina | McMillan | DVM | Doctor of Veterinary Medicine | Ontario Veterinary College at University of Guelph | Veterinary Technician Clinical Director | Full-time |
| | | B.Sc. | BSc, Biology | University of Guelph | | |

| First Name | Last Name | Credentials | Certificate / Degree | School | Current Title | Employment Status |
|---|---|---|---|---|---|---|
| Jill | Morgan | RCP, RRT, CRT | M.S., Education | Shenandoah University | Respiratory Therapy Instructor; General Education Instructor | Full-time |
| | | | B.S., Respiratory Care | Shenandoah University | | |
| | | | A.A., General Studies | Pima Community College | | |
| | | | A.S., Respiratory Therapy | Butte College | | |
| Kristina | Nancarrow | LVT | A.O.S., Veterinary Technician | Pima Medical Institute | Veterinary Assistant Instructor; Veterinary Technician Instructor | Part-time |
| Lori | Paxton | MBA | MBA | Keller Graduate School | General Education Instructor | Part-time |
| | | | B.S | Central Washington University | | |
| Thomas | Perry | MA | M.A., Geography | University of Washington | General Education Instructor; Career Prep Instructor | Part-time |
| | | | B.S., Mathematics | University of Washington | | |
| Jasmine | Ross | ARDMS (SPI) (AB) (OB/GYN) (Pediatric) | A.A., Diagnostic Medical Sonography | Bellevue College | Diagnostic Medical Sonography Clinical Director | Full-time |
| Amy | Schaller | MSRC, RRT-ACCS | M.S., Respiratory Care | Boise State University | Respiratory Therapy Program Director | Full-time |
| | | | B.S., Respiratory Care | Boise State University | | |
| | | | A.S., Respiratory Care | Boise State University | | |

| First Name | Last Name | Credentials | Certificate / Degree | School | Current Title | Employment Status |
|---|---|---|---|---|---|---|
| Tara | Stevens | LVT | A.V.T., Veterinary Technology | Pierce College | Veterinary Assistant Instructor; Veterinary Technician Instructor; Career Prep Instructor | Part-time |
| | | | A.A., Arts & Sciences | Edmonds Community College | | |
| Julie | Stough | RDA | Certificate, Dental Assistant | Intellitec Medical Institute | Lead Dental Assistant Instructor | Full-time |
| Toni | Tardif | ARDMS (AB) (GYN/OB) | BA Education | Washington State University | DMS Program Director | Full-time |
| | | | AAS | Tacoma Community College | | |
| Stacy | Towers | B.S | BS, Respiratory Therapy | Pima Medical Institute | Respiratory Therapy Instructor | Full-time |
| | | | A.O.S., Respiratory Therapy | Pima Medical Institute | | |
| Dawn | Wheeler | MA-C, RMA | Certificate, Medical Assistant | Lake Washington Technical College | Medical Assistant Instructor; Hybrid Medical Assistant Instructor | Full-time |

# Renton Hours of Operation

Revision Date: 1/1/26

| | |
|---|---|
| Hours of Operation: | 6:00 AM - 10:10 PM Monday through Thursday and 7:00 AM – 5:00 PM Friday |
| Class Schedule: | Morning Classes: 8:00 AM - 12:00 PM Monday through Friday |
| | Afternoon Classes: 1:00 PM - 5:00 Monday through Friday |
| | Night Classes: |
| | 5:40 PM - 10:00 PM Monday through Thursday |
| | 6:00 PM - 10:00 PM Monday through Thursday (Phlebotomy) |
| Student Breaks: | 10 minutes per hour, not exceeding 40 minutes per 4 hours |
| Mealtimes: | Pima Medical Institute does not provide "mealtime", however students are welcome to eat meals during student breaks |

# Washington VA Approval

Revision Date: 1/1/26

| | |
|---|---|
| The following statements are added to pages 14 and 15: | |
| Selected programs of study at Pima Medical Institute are approved by the Workforce Training and Education Coordinating Board's State Approving Agency (WTECB/SAA) for enrollment of those eligible to receive benefits under Title 38 and Title 10, USC. | |
| Renton Campus: | Seattle Campus: |
| Certificate Programs: | Certificate Programs: |
| Dental Assistant | Dental Assistant |
| Medical Assistant | Medical Assistant |
| Pharmacy Technician | Veterinary Assistant |
| Phlebotomy Technician | |
| Veterinary Assistant | |
| Degree Programs: | Degree Programs: |
| Respiratory Therapy - AAS | Dental Hygiene - AAS |
| Veterinary Technician - AAS | Physical Therapist Assistant - AAS |
| | Radiography - AAS |
| | Surgical Technology - AAS |
| | Veterinary Technician - AAS |
| The following statement is added to page 55: | |
| The Washington State Board of Pharmacy will be notified prior to any significant program changes. | |
| The following statements are added to page 176: | |
| Notice of Externship/Clinical Requirements All Students: | |
| All students are required to complete an externship/clinical in order to successfully complete their program. The externship/clinical sites are located within the state of Washington, although some opportunities may exist outside of the state of Washington. Additional costs associated with travel, parking, and housing incurred as part of the externship/clinical is the sole responsibility of the student. | |
| Notice of Externship/Clinical Requirements VEB Students: | |
| Students wishing to use Veterans Education Benefits are prohibited from attending Externship or Clinical Rotations which are not located within the State of Washington. | |

PIMA MEDICAL INSTITUTE

# Pima Medical Institute - Renton
## Tuition Price List
## Effective July 1, 2026

| Program | Total Cost | Tuition | Reg. Fee | Textbooks* | Uniform* | Tech. Fee | Tax** | Extern Weeks | Cost/Credit Hour | Total Credits/ Clock Hours | Total Weeks (Day/Night) | Extern Credits/ Hours |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dental Assistant (DEN) | **$20,092.00** | 18,231.00 | 150.00 | 915.00 | 205.00 | 265.00 | 326.00 | 6 | $618.00 | 29.5/720 | 30 | 5/240 |
| Diagnostic Medical Sonography (DMS) | **$52,368.00** | 48,015.00 | 150.00 | 2,463.00 | 165.00 | 720.00 | 855.00 | 30 | $582.00 | 82.5/2160 | 90 | 24/1080 |
| Medical Assistant (MA) | **$19,997.00** | 18,361.00 | 150.00 | 727.00 | 165.00 | 265.00 | 329.00 | 4 | $602.00 | 30.5/720 | 34 | 3.5/160 |
| Occupational Therapy Assistant (OTA) | **$46,495.00** | 42,300.00 | 150.00 | 2,527.00 | 165.00 | 600.00 | 753.00 | 18 | $600.00 | 70.5/1712 | 80 | 15.5/720 |
| Pharmacy Technician (PHA) | **$19,311.00** | 17,457.00 | 150.00 | 961.00 | 165.00 | 265.00 | 313.00 | 4 | $506.00 | 34.5/800 | 36 | 3.5/160 |
| Phlebotomy Technician (PHL) | **$5,715.00** | 4,840.00 | 150.00 | 203.00 | 165.00 | 265.00 | 92.00 | 4 | $484.00 | 10/300 | 11/13 | 3.5/160 |
| Respiratory Therapy (RT) | **$56,820.00** | 52,360.00 | 150.00 | 2,493.00 | 165.00 | 720.00 | 932.00 | 22 | $616.00 | 85/1956 | 96 | 14.5/696 |
| Veterinary Assistant (VTA) | **$19,136.00** | 17,458.00 | 150.00 | 775.00 | 175.00 | 265.00 | 313.00 | 6 | $602.00 | 29/720 | 30 | 5/240 |
| Veterinary Technician (VTT) | **$23,786.00** | 21,243.00 | - | 1,600.00 | 205.00 | 360.00 | 378.00 | 7 | $438.00 | 48.5/1055 | 47/52 | 5/225 |

*Includes Tax @ **10.3**%

**Business and Occupation Tax of 1.75% on Tuition, Registration Fee, and Technology Fee Only

† Hybrid Programs: Students enrolling will have the option to purchase a laptop for an additional fee.

*The registration fee is charged for each enrollment, unless returning to the same program within 180 days.*

***The uniform fee includes the cost associated with the required dosimeter in applicable programs.*

*The total technology fee included in the Tuition Price List is the combined cost of charges for each enrollment period of the program, as published in the PMI Catalog. For example, a $600.00 technology fee for a five-semester program would equal a semester charge of $120.00. For term-based programs, students attending the program outside of the published length (e.g., course retakes or a reduction in course load for an online program) will continue to be charged a technology fee based on each additional semester in which the student is enrolled in the program.*

*Additional student expenses may include, but are not limited to required immunizations, health insurance, background check, drug screening, clinical registration fees, and travel/parking expenses related to clinical externships or field trips. Please contact the campus administrator for additional information.*

Revision Date: 4/30/2026

# 2026 Start Dates - RentonCampus

**Certificate Programs**

| DA (AM) - 30 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 7/1/26 | 8/11/26 |
| Ground | 2/25/26 | | 8/12/26 | 9/22/26 |
| Sequence = 6 Wks | 4/8/26 | | 9/23/26 | 11/3/26 |
| Career Prep | 5/20/26 | | 11/4/26 | 12/15/26 |
| Sequence 1, 2 & 3 | 7/1/26 | | 12/16/26 | 2/9/27 |
| Externship: 6 Wks | 8/12/26 | | 2/10/27 | 3/23/27 |
| | 9/23/26 | | 3/24/27 | 5/4/27 |
| | 11/4/26 | | 5/5/27 | 6/15/27 |
| | 12/16/26 | | 6/16/27 | 7/27/27 |

| DA (AFT) - 30 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 7/1/26 | 8/11/26 |
| Ground | 2/25/26 | | 8/12/26 | 9/22/26 |
| Sequence = 6 Wks | 4/8/26 | | 9/23/26 | 11/3/26 |
| Career Prep | 5/20/26 | | 11/4/26 | 12/15/26 |
| Sequence 1, 2 & 3 | 7/1/26 | | 12/16/26 | 2/9/27 |
| Externship: 6 Wks | 8/12/26 | | 2/10/27 | 3/23/27 |
| | 9/23/26 | | 3/24/27 | 5/4/27 |
| | 11/4/26 | | 5/5/27 | 6/15/27 |
| | 12/16/26 | | 6/16/27 | 7/27/27 |

| DA (AFT) - 30 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 7/1/26 | 8/11/26 |
| Hybrid | 2/25/26 | | 8/12/26 | 9/22/26 |
| Sequence = 6 Wks | 4/8/26 | | 9/23/26 | 11/3/26 |
| Career Prep | 5/20/26 | | 11/4/26 | 12/15/26 |
| Sequence 1, 2 & 3 | 7/1/26 | | 12/16/26 | 2/9/27 |
| Externship: 6 Wks | 8/12/26 | | 2/10/27 | 3/23/27 |
| | 9/23/26 | | 3/24/27 | 5/4/27 |
| | 11/4/26 | | 5/5/27 | 6/15/27 |
| | 12/16/26 | | 6/16/27 | 7/27/27 |

| MDA (AM) - 34 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 8/12/26 | 9/8/26 |
| Ground | 2/25/26 | | 9/23/26 | 10/20/26 |
| Sequence = 6 Wks | 4/8/26 | | 11/4/26 | 12/1/26 |
| Career Prep | 5/20/26 | | 12/16/26 | 1/26/27 |
| Sequence 1, 2, 3 & 4 | 7/1/26 | | 2/10/27 | 3/9/27 |
| Externship: 4 Wks | 8/12/26 | | 3/24/27 | 4/20/27 |
| | 9/23/26 | | 5/5/27 | 6/1/27 |
| | 11/4/26 | | 6/16/27 | 7/13/27 |
| | 12/16/26 | | 7/28/27 | 8/24/27 |

| MDA (AFT) - 34 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 8/12/26 | 9/8/26 |
| Ground / Hybrid | 2/25/26 | | 9/23/26 | 10/20/26 |
| Sequence = 6 Wks | 4/8/26 | | 11/4/26 | 12/1/26 |
| Career Prep | 5/20/26 | | 12/16/26 | 1/26/27 |
| Sequence 1, 2, 3 & 4 | 7/1/26 | | 2/10/27 | 3/9/27 |
| Externship: 4 Wks | 8/12/26 | | 3/24/27 | 4/20/27 |
| | 9/23/26 | | 5/5/27 | 6/1/27 |
| | 11/4/26 | | 6/16/27 | 7/13/27 |
| | 12/16/26 | | 7/28/27 | 8/24/27 |

| MDA (EVE) - 34 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 8/12/26 | 9/8/26 |
| Hybrid | 2/25/26 | | 9/23/26 | 10/20/26 |
| Sequence = 6 Wks | 4/8/26 | | 11/4/26 | 12/1/26 |
| Career Prep | 5/20/26 | | 12/16/26 | 1/26/27 |
| Sequence 1, 2, 3 & 4 | 7/1/26 | | 2/10/27 | 3/9/27 |
| Externship: 4 Wks | 8/12/26 | | 3/24/27 | 4/20/27 |
| | 9/23/26 | | 5/5/27 | 6/1/27 |
| | 11/4/26 | | 6/16/27 | 7/13/27 |
| | 12/16/26 | | 7/28/27 | 8/24/27 |

# 2026 Start Dates - RentonCampus

**Certificate Programs cont.**

| PHA (AM) - 36 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 8/25/26 | 9/22/26 |
| Ground | 2/25/26 | | 10/6/26 | 11/3/26 |
| Sequence = 6 Wks | 4/8/26 | | 11/17/26 | 12/15/26 |
| Career Prep | 5/20/26 | | 1/12/27 | 2/9/27 |
| Sequence 1, 2, 3 & 4 | 7/1/26 | | 2/23/27 | 3/23/27 |
| Externship: 4 Wks | 8/12/26 | | 4/6/27 | 5/4/27 |
| | 9/23/26 | | 5/18/27 | 6/15/27 |
| | 11/4/26 | | 6/29/27 | 7/27/27 |
| | 12/16/26 | | 8/10/27 | 9/7/27 |

| PHA (AFT) - 36 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 8/25/26 | 9/22/26 |
| Hybrid | 2/25/26 | | 10/6/26 | 11/3/26 |
| Sequence = 6 Wks | 4/8/26 | | 11/17/26 | 12/15/26 |
| Career Prep | 5/20/26 | | 1/12/27 | 2/9/27 |
| Sequence 1, 2, 3 & 4 | 7/1/26 | | 2/23/27 | 3/23/27 |
| Externship: 4 Wks | 8/12/26 | | 4/6/27 | 5/4/27 |
| | 9/23/26 | | 5/18/27 | 6/15/27 |
| | 11/4/26 | | 6/29/27 | 7/27/27 |
| | 12/16/26 | | 8/10/27 | 9/7/27 |

| PHL (EVE) - 13 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 12/16/26 | | 3/3/27 | 3/30/27 |
| Ground | 2/17/27 | | 4/21/27 | 5/18/27 |
| Sequence = 9 Wks | 4/21/27 | | 6/23/27 | 7/20/27 |
| Externship: 4 Wks | 6/23/27 | | 8/25/27 | 9/21/27 |
| | 8/25/27 | | 10/27/27 | 11/23/27 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| PHL (EVE) - 13 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 2/4/26 | | 4/8/26 | 5/5/26 |
| Ground | 4/8/26 | | 6/10/26 | 7/7/26 |
| Sequence = 9 Wks | 6/10/26 | | 8/12/26 | 9/8/26 |
| Externship: 4 Wks | 8/12/26 | | 10/14/26 | 11/10/26 |
| | 10/14/26 | | 12/16/26 | 1/26/27 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| VTA (AM) - 30 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 7/1/26 | 8/11/26 |
| Ground | 2/25/26 | | 8/12/26 | 9/22/26 |
| Sequence = 6 Wks | 4/8/26 | | 9/23/26 | 11/3/26 |
| Career Prep | 5/20/26 | | 11/4/26 | 12/15/26 |
| Sequence 1, 2 & 3 | 7/1/26 | | 12/16/26 | 2/9/27 |
| Externship: 6 Wks | 8/12/26 | | 2/10/27 | 3/23/27 |
| | 9/23/26 | | 3/24/27 | 5/4/27 |
| | 11/4/26 | | 5/5/27 | 6/15/27 |
| | 12/16/26 | | 6/16/27 | 7/27/27 |

| VTA (AFT) - 30 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 7/1/26 | 8/11/26 |
| Ground | 2/25/26 | | 8/12/26 | 9/22/26 |
| Sequence = 6 Wks | 4/8/26 | | 9/23/26 | 11/3/26 |
| Career Prep | 5/20/26 | | 11/4/26 | 12/15/26 |
| Sequence 1, 2 & 3 | 7/1/26 | | 12/16/26 | 2/9/27 |
| Externship: 6 Wks | 8/12/26 | | 2/10/27 | 3/23/27 |
| | 9/23/26 | | 3/24/27 | 5/4/27 |
| | 11/4/26 | | 5/5/27 | 6/15/27 |
| | 12/16/26 | | 6/16/27 | 7/27/27 |

| VTA (EVE) - 30 Wks | Start Date | | Extern | End Date |
|---|---|---|---|---|
| | 1/14/26 | | 7/1/26 | 8/11/26 |
| Hybrid | 2/25/26 | | 8/12/26 | 9/22/26 |
| Sequence = 6 Wks | 4/8/26 | | 9/23/26 | 11/3/26 |
| Career Prep | 5/20/26 | | 11/4/26 | 12/15/26 |
| Sequence 1, 2 & 3 | 7/1/26 | | 12/16/26 | 2/9/27 |
| Externship: 6 Wks | 8/12/26 | | 2/10/27 | 3/23/27 |
| | 9/23/26 | | 3/24/27 | 5/4/27 |
| | 11/4/26 | | 5/5/27 | 6/15/27 |
| | 12/16/26 | | 6/16/27 | 7/27/27 |

PIMA MEDICAL INSTITUTE

# 2026 Start Dates - RentonCampus

| DMS (AM) - 90 Wks | Sem Start | Sem End | End Date |
|---|---|---|---|
| | | | |
| | | | |
| 6 Semesters | | | |
| Term / Sem = 15 Wks | | | |
| | | | |
| | | | |

| DMS (AFT) - 90 Wks | Sem Start | Sem End | End Date |
|---|---|---|---|
| | 5/13/26 | 8/25/26 | |
| | 9/2/26 | 12/15/26 | |
| 6 Semesters | 1/6/27 | 4/20/27 | |
| Term / Sem = 15 Wks | 4/28/27 | 8/10/27 | |
| | 8/18/27 | 11/30/27 | |
| | 12/8/27 | 4/4/28 | 4/4/28 |

| RT (AM) - 96 Wks | Sem Start | Sem End | End Date |
|---|---|---|---|
| | 5/27/26 | 9/15/26 | |
| | 9/23/26 | 1/26/27 | |
| 6 Semesters | 2/3/27 | 5/25/27 | |
| Term / Sem = 16 Wks | 6/2/27 | 9/21/27 | |
| | 9/29/27 | 2/1/28 | 2/1/28 |
| | | | |

| RT (AFT) - 96 Wks | Sem Start | Sem End | End Date |
|---|---|---|---|
| | 9/23/26 | 1/26/27 | |
| | 2/3/27 | 5/25/27 | |
| 6 Semesters | 6/2/27 | 9/21/27 | |
| Term / Sem = 16 Wks | 9/29/27 | 2/1/28 | |
| | 2/9/28 | 5/30/28 | 5/30/28 |
| | | | |

| VTT (AM) - 47 Wks | Start Date | On Ground | Extern | End Date |
|---|---|---|---|---|
| | 1/21/26 | 3/18/26 | 10/28/26 | 12/15/26 |
| | 3/18/26 | 5/13/26 | 1/6/27 | 2/23/27 |
| 5 Sequences | 5/13/26 | 7/8/26 | 3/3/27 | 4/20/27 |
| Sequence: 8 Wks | 7/8/26 | 9/2/26 | 4/28/27 | 6/15/27 |
| Extern/Seminar: 7 Wks | 9/2/26 | 10/28/26 | 6/23/27 | 8/10/27 |
| | 10/28/26 | 1/6/27 | 8/18/27 | 10/5/27 |
| | 1/6/27 | 3/3/27 | 10/13/27 | 11/30/27 |
| | 3/3/27 | 4/28/27 | 12/8/27 | 2/8/28 |

| VTT (AFT) - 47 Wks | Start Date | On Ground | Extern | End Date |
|---|---|---|---|---|
| | 1/21/26 | 3/18/26 | 10/28/26 | 12/15/26 |
| | 3/18/26 | 5/13/26 | 1/6/27 | 2/23/27 |
| 5 Sequences | 5/13/26 | 7/8/26 | 3/3/27 | 4/20/27 |
| Sequence: 8 Wks | 7/8/26 | 9/2/26 | 4/28/27 | 6/15/27 |
| Extern/Seminar: 7 Wks | 9/2/26 | 10/28/26 | 6/23/27 | 8/10/27 |
| | 10/28/26 | 1/6/27 | 8/18/27 | 10/5/27 |
| | 1/6/27 | 3/3/27 | 10/13/27 | 11/30/27 |
| | 3/3/27 | 4/28/27 | 12/8/27 | 2/8/28 |

# Corporate leadership

Revision Date: 11/1/26

| Staff Name | Credentials | Title |
|---|---|---|
| Mark Luebke | | Chief Executive Officer |
| Jordan Utley | PHD | Director of Education |
| Cara Sharpe | BS | Director of Regulatory Operations |
| Kathy Cheatham | BBA | Director of Financial Aid |
| Sandy Lopez | MA | Director of Human Resources |
| Kory Gray | BS | Director of Information Technology |
| Stephanie Gallo | MBA/MPA | Corporate Director of Marketing |
| Michele Poulos | MEd | Director of Online Education |
| Bree Fulp | MBA | Corporate Director of Admissions |
| Mark Judy | MAOL | Chief Operating Officer |

# Recent Updates

PIMA MEDICAL INSTITUTE

Revision Date: 11/1/26

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 11/1/2026 | Program Pages | Online Radiography Bridge | 116 | Updated | Updated Course Descriptions prerequisites for RAD 212, RAD 248, and RAD 256 |
| 11/1/2026 | Program Pages | Online Bachelor of Science in Radiologic Sciences | 145 | Updated | MTH 315 italicized to reflect general education. Updated transfer credits |
| 11/1/2026 | Program Pages | Online Computed Tomography | 30 | Updated | Removed Florida and Tennessee from list of states for which program does not meet educational requirements |
| 11/1/2026 | Program Pages | All campuses with Associate Degree: Respiratory Therapy Program | 119 | Updated | Updated the Program page to correct error on semester 6 course outline total lab hours |
| 11/1/2026 | Current Students | All campuses with nursing | 177 | Updated | Updated Degree Program Externship/Clinical Absence to include nursing programs |
| 9/17/2026 | Start Dates | Aurora | N/A | Updated | Updated start date calendar to include afternoon classes for Dental Assistant program |
| 9/17/2026 | Start Dates | Las Vegas | N/A | Updated | Updated start date calendar to include afternoon classes for Pharmacy program |
| 9/3/2026 | Campus Information | Phoenix | 17 | Updated | Updated programmatic accreditation to include Dental Hygiene |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 9/3/2026 | Program Pages | Phoenix | N/A | Added | Added Dental Hygiene Program Pages |
| 9/1/2026 | California Addenda Only | All California Campuses | N/A | Added | Added estimation of the approximate cost or range of cost of housing near campus. |
| 9/1/2026 | California Refund Policy | All California Campuses | 186-187 | Removed | Removal of pro-rata modification steps 1-12 |
| 9/1/2026 | California Refund Policy | All California Campuses | 186-187 | Removed | Removal of sentence specifying cancellation policy. |
| 9/1/2026 | California Addenda Only | All California Campuses | N/A | Added | Added The Office of Student Assistance and Relief Info |
| 9/1/2026 | Course Assessments and Grades | All California Campuses | N/A | Added | Added the approximate number of days that will elapse between the institution’s receipt of student lessons, projects, or dissertations and the institution’s mailing of its response or evaluation |
| 9/1/2026 | Program Pages | Dental Hygiene: San Antonio | N/A | Updated | Updated map location |
| 9/1/2026 | Campus Information | All | 7,163,166,167,168,169,171,177,179,180,187,188 | Updated | Title change from Campus Director to Campus President and Associate Campus Director to Campus Vice President |
| 9/1/2026 | Campus Information | All | 7,160,162,163 | Updated | Title change from Admissions Representative to Medical Career Specialist |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 9/1/2026 | California Refund Policy | All California Campuses | 186-187 | Updated | Modification of pro-rata statement |
| 9/1/2026 | Program Pages | Dental Hygiene: Houston | 75 | Updated | Changed delivery method and updated program hours |
| 9/1/2026 | Tuition Price List | All California Campuses | N/A | Updated | Updated CA tuition price lists to include estimated schedule of total charges |
| 9/1/2026 | Program Pages | All campuses with Phlebotomy | 59 | Updated | Removed CA location and changed to clock hours |
| 9/1/2026 | Program Pages | Sterile Processing Technician: Seattle | 63 | Updated | Added WA star to map |
| 9/1/2026 | Program Pages | Occupational Therapy Assistant: Renton | 101 | Updated | Removed WA star from map |
| 9/1/2026 | Definitions | All | 25-26 | Updated/ Added | Updated definitions for academic year (undergraduate and graduate). Defined full-time status. Updated student to instructor ratios. |
| 9/1/2026 | Class Starts, Postponements | All | 172-173 | Removed | Removed this section. |
| 9/1/2026 | Start Dates | Las Vegas | N/A | Updated | Updated Las Vegas start date calendar |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 9/1/2026 | Student: Instructor Ratios | All Arizona, Texas and Washington Campuses | N/A | Updated | Updated Student to Instructor ratios for Diagnostic Medical Sonography Program |
| 9/1/2026 | Program Pages | Las Vegas: EMT | 37 | Updated | Updated extern hours |
| 7/31/2026 | Albuquerque Hours of Operation | Albuquerque | N/A | Updated | Updated Albuquerque hours of operation |
| 7/31/2026 | Current Students | All | 180 | Updated | Updated the Grievance Outcome Appeal procedure |
| 7/31/2026 | Corporate Leadership | All | 2 | Updated | Updated corporate leadership page due to changes in corporate structure |
| 7/31/2026 | Campus Information | Albuquerque | 16 | Updated | Removed Veterinary Technician programmatic accreditation information from Albuquerque campus due to program discontinuation |
| 7/31/2026 | Program Pages | Albuquerque | 127 | Updated | Removed Albuquerque from Veterinary Technician due to program discontinuation at Albuquerque campus |
| 7/16/2026 | Campus Information | Albuquerque | 70 | Updated | Updated the Dental Hygiene program page to reflect hybrid delivery |
| 7/1/2026 | Corporate Leadership | All | 2 | Updated | Updated CEO Information |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 7/1/2026 | Program Pages | All | 119 | Updated | Updated RES 222 |
| 7/1/2026 | Emergency and Natural Disaster Protocol | All | 164 and 168 | Updated | Updated disclaimers for emergency and natural disaster |
| 7/1/2026 | Tuition Price Lists | All | NA | Updated | Updated Tuition Price Lists for all campuses |
| 7/1/2026 | Campus Information | Albuquerque | 16 | Updated | Updated to reflect PN probationary status |
| 5/22/2026 | Albuquerque Scholarship Page | Albuquerque | NA | Updated | Updated Albuquerque scholarship information |
| 5/13/2026 | Financial Services | All | 182 | Updated | Updated eligibility requirements for students meeting the Special Rule for dependents of certain deceased servicemembers or public safety officers as defined by federal law |
| 5/7/2026 | Campus Information | El Paso | 13 | Updated | Updated Radiography Programmatic Accreditation to include good cause extension |
| 5/7/2026 | Campus Information | Albuquerque | 16 | Updated | Updated Radiography Programmatic Accreditation to include good cause extension |
| 5/4/2026 | Program Pages | Dental Hygiene: Albuquerque | N/A | Updated | Updated start date calendar |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 5/4/2026 | Program Pages | All campuses with Pharmacy Technician/Renton | 51-58 | Updated | Updated admissions requirements |
| 5/4/2026 | Albuquerque Scholarship Page | Albuquerque | N/A | Updated | Updated Albuquerque scholarship information |
| 5/4/2026 | Program Pages | All campuses with VTA to VTT | 127-130 | Updated | Updated VTA program totals both didactic and lab |
| 5/4/2026 | Las Vegas Scholarship Page | Las Vegas | N/A | Added | Added scholarship page for Las Vegas EMT Graduate Scholarship |
| 5/4/2026 | Current Students | All | 178 | Updated | Updated Leave of Absence Requirements for term-based and non-term-based programs (excluding Online and State/Jurisdiction Exceptions |
| 5/4/2026 | Las Vegas Hours of Operation | Las Vegas | N/A | Updated | Updated the LV campus hours of operation |
| 5/4/2026 | Corporate Leadership | All | 2 | Updated | Updated to include new Regional Director of Operations |
| 5/4/2026 | Program Pages | Colorado Springs | 93-96 | Updated | Updated pre-requisites for MLT 210 |
| 5/4/2026 | Program Pages | Dental Hygiene: Seattle | N/A | Updated | Updated start date calendar |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 5/4/2026 | Financial Services | All | 182-184 | Updated | Updated requirements for Grants, Direct Subsidized Loans and Direct Unsubsidized Loans |
| 4/1/2026 | Albuquerque Scholarship Page | Albuquerque | N/A | Added | Added scholarship page for Albuquerque PN program |
| 4/1/2026 | Program Pages | Aurora | 127-130 | Updated | Updated VTA program totals both didactic and lab |
| 3/11/2026 | Program Pages | Aurora, Colorado Springs, Denver | 60-62 | Updated | Updated Practical Nursing Program language |
| 3/11/2026 | Financial Services | Aurora, Colorado Springs, Denver | 188 | Updated | Updated Colorado Institutional Refund Policy table |
| 3/11/2026 | Current Students | All | 172-173 | Updated | Updated Academic Schedule postponement language |
| 3/4/2026 | Program Pages | Aurora and Albuquerque | 60-62 | Updated | Updated program pages for Practical Nursing |
| 3/4/2026 | Campus Information | San Antonio | 14 | Updated | Updated programmatic accreditation to include Dental Hygiene |
| 2/23/2026 | East Valley Scholarship Page | East Valley | N/A | Updated | Updated scholarship deadline date |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 2/23/2026 | Program Pages | All | 116 | Updated | Updated course prerequisites for RAD 212 |
| 2/23/2026 | Program Pages | El Paso | 131-132 | Updated | Corrected VTA 150 to include 45 theory hours |
| 2/23/2026 | Program Pages | Online | 90 | Updated | Added updated program pages |
| 2/23/2026 | Program Pages | All | 119 | Updated | Updated RES 287 |
| 2/23/2026 | Program Pages | Houston | 75 | Updated | Updated Admissions Requirements for Dental Hygiene |
| 2/23/2026 | Program Pages | Seattle | 80 | Updated | Updated Admissions Requirements for Dental Hygiene |
| 2/23/2026 | Mesa Scholarship Page | Mesa | N/A | Updated | Updated scholarship deadline date |
| 2/23/2026 | Program Pages | Houston | 113 | Updated | Removed hybrid delivery from Radiography Houston |
| 2/23/2026 | Current Students | All | 177 | Updated | Removed San Marcos from Absence section for Phlebotomy program |

| Revision Date | Section | Campus | Catalog Pages | Action | Catalog Revision |
|---|---|---|---|---|---|
| 1/7/2026 | Program Pages | All campuses with Associate Degree: Respiratory Therapy Program | 119 | Updated | Updated the Program page to correct error on semester 6 course outline |
| 1/1/2026 | Program Pages | Online | N/A | Added | Added MAA program pages for online |
| 1/1/2026 | Program Pages | All campuses with Surgical Technology Program | 123 | Updated | Revised Semester Credits and Program Hours |
| 1/1/2026 | Campus Information | Renton, WA | 14-15 | Updated | Removed additional campus location |
| 1/1/2026 | Campus Information | Chula Vista, CA | 10 | Updated | Removed additional campus location |
| 12/1/2025 | Prospective Students | All | 160 | Updated | Changed: Application form to Prospective Student Information Form |
| 12/1/2025 | Current Students | All | 177 | Updated | Revised requirements on Absence Due to Military Duty |
| 10/31/2025 | Program Pages | Online Bachelor of Science Respiratory Therapy | 135 | Updated | Updated Admission Requirements to BSRT on Program Information Page |

# Definitions

PIMA MEDICAL INSTITUTE

Revision Date: 9/1/26

| Current Catalog Statement | Page Number | Action | New or Revised Catalog Statement |
|---|---|---|---|
| academic year: A minimum of 24 semester credits or 36 quarter credits and 30 weeks in length. | 25 | Updated | Academic Year (undergraduate): A minimum of 24 semester credits or 36 quarter credits and 30 weeks in length.<br>Academic Year (graduate): A minimum of 12 semester credits and 32 weeks in length. |
| N/A | N/A | Added | Full-time: Undergraduate full-time status: 12 credit hours per semester or quarter. Graduate full-time status: 6 credit hours per semester |
| student to instructor ratios: Defines the number of students per instructor for specified classroom, laboratory, and clinic instruction. The laboratory ratio of students to instructor does not exceed 20 to 1. The Texas classroom ratio does not exceed 30 to 1. In other states, the classroom ratio does not exceed 35 to 1. The online classroom ratio does not exceed 25 to 1. Programmatic variations are published in the catalog addenda. | 26 | Updated | Student to instructor ratios: Defines the number of students per instructor for specified classroom, laboratory, and clinic instruction. The classroom ratio does not exceed 35 to 1. The online classroom ratio does not exceed 35 to 1. The Texas classroom ratio does not exceed 30 to 1, regardless of method of delivery (on ground or online). The laboratory ratio does not exceed 20 to 1. Programmatic variations are published in the catalog addenda. |

# Prospective Students

Revision Date: 11/1/26

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Admissions | 160 | Application Process<br>Steps in the application process for prospective students include:<br>1. Submit application form and High School Verification (listed below) to the appropriate PMI campus admissions office; applicants under the legal age must have written approval of a parent or legal guardian. | Update | Application Process<br>Steps in the application process for prospective students include:<br>1. Submit Prospective Student Information Form and High School Verification (listed below) to the appropriate PMI campus admissions office; applicants under the legal age must have written approval of a parent or legal guardian. |
| Emergency Reporting, Notification, Evacuation | 164 | Emergency Reporting, Notification, Evacuation<br>Natural Disaster Emergency Response Protocol: In the event of a natural disaster or other emergency response, PMI may temporarily suspend or modify standard operating procedures and policies based on federal, state, or accrediting agency mandates or guidelines (more details are provided in the<br>Current Students section of this catalog). | Updated | Emergency and Natural Disaster Protocol<br><br>In the event of a natural disaster or public health emergency, Pima Medical Institute may temporarily suspend or modify standard operating procedures and policies to ensure compliance with federal, state, or accrediting agency mandates or guidelines.<br><br>On-ground programs/courses will be taught on campus barring any emergencies impacting the regular operations of campus facilities; in which case, students will be notified of any applicable changes in the course schedule (days and times of courses) and if needed, any changes from an on-ground to hybrid delivery method. These changes may impact a student's progression through the program, semester or sequence dates, and graduation. (more details are provided in the Current Students section of this catalog). |

# Current Students

Revision Date: 11/1/26

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Attendance Awards | 177 | Absences due to military duty and/or civic duty requirements must still be recorded as an absence in the system; however, absences that do not exceed 14 days will not impact a student's eligibility for perfect attendance awards. | Updated | Absences due to Military Duty Enrolled students who are members of the United States Armed Forces (including National Guard, Reserves, or Active Duty) who are unable to attend class for less than 14 days due to military obligation, will be afforded excused absences.If the dates are known in advance, the student must notify their Program Director (if applicable), instructor(s), and student services within 10 days of receiving orders. If the dates are not known, the student must provide notification as soon as they are available.The student must submit their orders and a copy will be uploaded into CReaM (or attached to the form). |
| Absence | 177 | Students enrolled into the San Marcos campus Phlebotomy Technician program that miss any scheduled classroom or laboratory hours must attend scheduled make-up classes or tutoring sessions to cover any missed course content. Make-up classes or tutoring sessions do not remove the classroom absence from the student's record and will still count toward attendance advisement, attendance warning, and termination thresholds. | Updated | Students enrolled into the Phlebotomy Technician program that miss any scheduled classroom or laboratory hours must attend scheduled make-up classes or tutoring sessions to cover any missed course content. Make-up classes or tutoring sessions do not remove the classroom absence from the student's record and will still count toward attendance advisement, attendance warning, and termination thresholds. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Academic Schedule: CO | 172-173 | Class Starts, Postponements<br>Class starts occur at various times throughout the year; schedules are published in catalog addenda, which are available at each campus. Class postponements by the School within 30 days of the original starting date will not alter the terms and conditions of the enrollment agreement. However, class postponements by the School beyond 30 days of the original starting date will terminate the enrollment agreement with all monies paid by the student to be refunded in full. | Updated | Class Starts, Postponements<br>Class starts occur at various times throughout the year; schedules are published in catalog addenda, which are available at each campus. Class postponements by the School within 30 days of the original starting date will not alter the terms and conditions of the enrollment agreement. However, class postponements by the School beyond 30 days of the original starting date will terminate the enrollment agreement with all monies paid by the student to be refunded in full.<br><br>Postponement clause: Postponement of a starting date, whether at the request of the school or the student, requires a written agreement signed by the student and the school. The agreement must set forth:<br><br>a. Whether the postponement is for the convenience of the school or the student; and,<br>b. The deadline for the new start date, beyond which the start date will not be postponed.<br><br>If the course is not commenced, or the student fails to attend by the new start date set forth in the agreement, the student will be entitled to an appropriate refund of prepaid tuition and fees within 30 days of the deadline in accordance with the school's refund policy and all applicable laws and Rules concerning the Private Occupational Education Act of 1981. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Leave of Absence | 178 | Leave of Absence<br>Certificate (Non-Term-Based) Programs<br>Students may request a leave of absence (LOA) for circumstances that will require a prolonged absence. Students must complete Sequence one (1) in their program to be eligible for an LOA and, prior to granting LOA status, the School must determine if there is a reasonable expectation that the student will return from the leave. Students requesting LOA must complete a Leave of Absence Request form available from the campus Student Services Department.<br><br>An LOA may be granted for up to a maximum of 180 days in a 12-month period. Students may request more than one LOA during a 12-month period provided the total time granted does not exceed 180 days. Time spent during an approved LOA is not considered accrued time for a course or program. When calculating the maximum time frame for a student's approved LOA, the School ensures that it accounts for all periods of nonattendance (including weekends, holidays, and scheduled breaks). Program changes may occur while a student is on a leave of absence; when students return, they may be required to complete specific courses in the curriculum prior to progressing in the program.<br><br>Students who do not complete the LOA request form, and are not attending scheduled courses, are marked absent and will be terminated if the number of absences exceeds 14 consecutive calendar days (including weekends, holidays, and scheduled breaks).<br><br>Degree (Term-Based) Programs<br>Students in degree programs are not eligible for | Updated | Leave of Absence<br>Students may request a leave of absence (LOA) for circumstances that will require a prolonged absence. The request for an LOA must meet the Department of Education criteria (34 CFR 668.22(d)) including medical leave (including pregnancy), family care, military duty, and jury duty. Students requesting LOA must complete an LOA Request form available from the campus Student Services Department. Students must have successfully completed at least one course prior to requesting an LOA. Prior to granting LOA status, the School must determine if there is a reasonable expectation that the student will return from the leave.<br><br>An LOA may be granted for up to a maximum of 180 days in a 12-month period. Students may request more than one LOA during a 12-month period provided the total time granted does not exceed 180 days. Time spent during an approved LOA is not considered accrued time for a course or program. When calculating the maximum time frame for a student's approved LOA, the School ensures that it accounts for all periods of nonattendance (including weekends, holidays, and scheduled breaks). Program changes may occur while a student is on a leave of absence; when students return, they may be required to complete specific courses in the curriculum prior to progressing in the program.<br><br>Students who do not complete the LOA request form, and are not attending scheduled courses, are marked absent and will be terminated if the number of absences exceeds 14 consecutive calendar days (including weekends, holidays, and scheduled breaks). Failure to return from an approved leave of absence will result in withdrawal from the program.<br><br>There may be limitations on LOA eligibility for students enrolled in term-based programs due to scheduling |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| | | LOA. Students who have successfully completed all active modules in the term but who have an academic interruption may be eligible to sign a letter of intent without having to withdraw from the program. | | requirements. This is due to the requirement that a student must return into the same classes when returning from an LOA. Students may not apply for an LOA between terms, they are only eligible if they start an LOA during a term. An LOA may have an impact on financing, including aid and loans. Contact the student finance office for more information about the impact of an LOA on financial aid. |
| Natural Disaster Emergency Response Protocol | 168 | Natural Disaster Emergency Response Protocol<br>In the event of a natural disaster or other emergency response, PMI may temporarily suspend or modify standard operating procedures and policies based on federal, state, or accrediting agency mandates or guidelines. | Updated | Emergency and Natural Disaster Protocol<br><br>In the event of a natural disaster or public health emergency, Pima Medical Institute may temporarily suspend or modify standard operating procedures and policies to ensure compliance with federal, state, or accrediting agency mandates or guidelines.<br><br>On-ground programs/courses will be taught on campus barring any emergencies impacting the regular operations of campus facilities; in which case, students will be notified of any applicable changes in the course schedule (days and times of courses) and if needed, any changes from an on-ground to hybrid delivery method. These changes may impact a student's progression through the program, semester or sequence dates, and graduation. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Grievance Outcome Appeal | 180 | Grievance Outcome Appeal<br>If the grievance is still unresolved after meeting with the campus director,<br>Dean of Online Education, or designated official, the student may call<br>the home office contact (below), submit a Grievance Appeal form via the<br>Student Portal, or send written correspondence to the attention of the<br>Regional Director of Operations (RDO) or Director of Online Education for<br>distance education programs:<br>West Region (Chula Vista, East Valley, Mesa, Phoenix, Renton, San<br>Marcos, Seattle, Tucson)<br>DeWayne Johnson, Regional Director of Operations<br>Address: 111 Campus Way, San Marcos, CA 92078<br>Phone: (760) 299-4520<br>East Region (Albuquerque, Aurora, Colorado Springs, Denver, El Paso,<br>Houston, Las Vegas, San Antonio<br>Tara Dailey, Regional Director of Operations<br>Address: 5725 Mark Dabling Boulevard, Suite 150, Colorado Springs, CO<br>80919<br>Phone: (719) 637-4077<br>Online<br>Michele Poulos, Director of Online Education<br>Address: 40 N Swan Road, Suite 100, Tucson AZ 85711<br>Phone: 520-318-2466 x 11401<br><br>Complaints submitted via mail may require an additional 10 business<br>days beyond the defined timelines in this policy.<br>Grievances are to be submitted in writing to the appropriate person | Updated | Grievance Outcome Appeal<br>If the grievance is still unresolved after meeting with the campus director, Dean of Online Education, or designated official, the student may call the home office contact (below), submit a Grievance Appeal form via the Student Portal, or send written correspondence to the attention of the Chief Operating Officer or Director of Online Education for distance education programs:<br><br>Physical Campus Locations<br>Mr. Mark Judy, Chief Operating Officer<br>Address: 957 S. Dobson Road, Mesa, AZ 85202<br>Phone: (480) 844-5540<br><br>Online Programs<br>Michele Poulos, Director of Online Education<br>Address: 40 N Swan Road, Suite 100, Tucson AZ 85711<br>Phone: 520-318-2466 x 11401<br><br>Complaints submitted via mail may require an additional 10 business<br>days beyond the defined timelines in this policy.<br>Grievances are to be submitted in writing to the appropriate person<br>identified in VII. B. 1; submissions must include:<br>• Substance of the grievance<br>• Attempts to address or resolve<br>• Requested resolution |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| | | identified in VII. B. 1; submissions must include:<br>• Substance of the grievance<br>• Attempts to address or resolve<br>• Requested resolution | | |
| Academic Schedule | 172-173 | Class Starts, Postponements<br>Class starts occur at various times throughout the year; schedules are published in catalog addenda, which are available at each campus. Class postponements by the School within 30 days of the original starting date will not alter the terms and conditions of the enrollment agreement. However, class postponements by the School beyond 30 days of the original starting date will terminate the enrollment agreement with all monies paid by the student to be refunded in full. | Removed | N/A |
| Student Services Department | 179 | N/A | Updated | Per the California Student Aid Commission data, the average housing cost in 2026/2027 is $1,853.00 per month. |
| Course Assessments,Grades | 173 | N/A | Added | Faculty are expected to complete all grading, including providing substantive feedback, within approximately three (3) business days from receipt of student assignment submissions. For Master Degree Level programs, faculty are expected to complete all grading, including providing substantive feedback, within approximately seven (7) business days from receipt of student assignment submissions. Final grades for all programs will be posted approximately three (3) business days from the submission of the last evaluation. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Degree Program Externship/Clinical Absence | 177 | Degree students are expected to earn the total number of clinic hours published for the program; however, students may be absent up to six (6) percent of the scheduled externship/clinical hours each term for these programs: Dental Hygiene, Diagnostic Medical Sonography, Medical Laboratory Technician, Occupational Therapy Assistant, Paramedic, Physical Therapist Assistant, Radiography (excluding Radiography-Bridge), Respiratory Therapy, Surgical Technology, and Veterinary Technician. | Updated | Degree students are expected to earn the total number of clinic hours published for the program; however, students may be absent up to six (6) percent of the scheduled externship/clinical hours each term for these programs: Dental Hygiene, Diagnostic Medical Sonography, Medical Laboratory Technician, Nursing, Occupational Therapy Assistant, Paramedic, Physical Therapist Assistant, Radiography (excluding Radiography-Bridge), Respiratory Therapy, Surgical Technology, and Veterinary Technician. |

# Campus Information

Revision Date: 11/1/26

| Campus | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Chula Vista, CA | 10 | Description of Facilities: The Chula Vista Campus occupies approximately 24,000 square feet and is divided into nine major instructional areas. Each area contains appropriate instructional equipment and furniture. English as a Second Language Instruction is not offered by Pima Medical Institute, Chula Vista, CA. The Veterinary Technology separate educational center located at Chula Vista Animal Care Facility, 130 Beyer Way, is equipped with American Veterinary Medical Association essential equipment including a full surgical suite, surgical prep area, radiology room, clinical laboratory equipment and animal holding areas. The adjacent Veterinary Technology classroom includes clinical laboratory equipment, microscopes, a surgical instrument prep and sterilization area as well as student desk top computers. | Updated | Description of Facilities: The Chula Vista Campus occupies approximately 24,000 square feet and is divided into nine major instructional areas. Each area contains appropriate instructional equipment and furniture. English as a Second Language Instruction is not offered by Pima Medical Institute, Chula Vista, CA. |

| Campus | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Renton, WA | 14-15 | Description of Facilities: The Renton Campus occupies approximately 25,000 square feet and is divided into 19 major instructional areas. Each area contains appropriate instructional equipment and furniture. The campus is accessible to students with disabilities.<br>The Separate Educational Center Veterinary Technician facility at 21621 64th Ave S, Kent, WA 98032, is located on the Regional Animal Services of King County property. The facility includes lecture, laboratory and clinical space. The clinic space includes a full surgical suite, a surgical preparation and dental area, a radiology room and laboratory. The facility provides students access to all American Veterinary Medical Association required equipment and supplies. | Updated | Description of Facilities: The Renton Campus occupies approximately 25,000 square feet and is divided into 19 major instructional areas. Each<br>area contains appropriate instructional equipment and furniture. The campus is accessible to students with disabilities. |
| Chula Vista, CA | 10 | Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technician | Updated | The Veterinary Technician Program at the Chula Vista campus was placed on probationary accreditation by the AVMA CVTEA. This change in classification is not an adverse decision, and graduates of programs classified as probationary accreditation are graduates of an AVMA CVTEA accredited program. |

| Campus | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| San Antonio | 14 | Program Accreditation<br><br>Radiography: The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, ph: (312) 704-5300, email: mail@jrcert.org.<br><br>Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians. | Updated | Program Accreditation<br><br>Radiography: The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, ph: (312) 704-5300, email: mail@jrcert.org.<br><br>Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians.<br><br>The program in dental hygiene is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of “initial accreditation”. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (800) 232-6108 or at 401 North Michigan Avenue, Suite 3300, Chicago, IL 60611-4250. The Commission’s web address is: https://coda.ada.org |
| Albuquerque | 16 | Radiography: The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive,<br>Suite 2850, Chicago, IL 60606-3182, ph: (312) 704-5300, email: mail@jrcert.org. | Updated | The Radiography program at the Pima Medical Institute-Albuquerque campus is accredited by the Joint Review Committee on Education in Radiologic Technology, located on 20 North Wacker Drive, Suite 2850, in Chicago, IL 60606. The phone number is (312) 704-5300, and the email is mail@jrcert.org.<br><br>The program's current award is 8 years. The program was placed on Probationary Accreditation effective April 17, 2026, by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program has been approved for a good cause extension due to mitigating circumstances. You may reference the JRCERT award letter at https://www.jrcert.org/programs/pima-medical-institute-albuquerque/. |

| Campus | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| El Paso | 13 | Radiography: The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive,<br>Suite 2850, Chicago, IL 60606-3182, ph: (312) 704-5300, email: mail@jrcert.org. | Updated | The Radiography program at the Pima Medical Institute-El Paso campus is accredited by the Joint Review Committee on Education in Radiologic Technology, located on 20 North Wacker Drive, Suite 2850, in Chicago, IL 60606. The phone number is (312) 704-5300, and the email is mail@jrcert.org.<br><br>The program's current award is 5 years. The program was placed on Probationary Accreditation effective April 17, 2026, by the Joint Review Committee on Education in Radiologic Technology (JRCERT). The program has been approved for a good cause extension due to mitigating circumstances. You may reference the JRCERT award letter at https://www.jrcert.org/programs/pima-medical-institute-el-paso/. |
| Albuquerque | 16 | Pima Medical Institute Practical Nursing program at the Albuquerque, NM campus is accredited by the National League for Nursing Commission for<br>Nursing Education Accreditation (NLN CNEA) located at 2600 Virginia Avenue, NW, Washington, DC 20037, 202-909-2526. | Updated | The Pima Medical Institute Practical Nursing program at the Albuquerque, NM campus is on probationary status by the National League for Nursing Commission for Nursing Education Accreditation, 2600 Virginia Avenue, NW, Washington, DC 20037, 202-909-2487 |
| Albuquerque | 16 | Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians. | Updated | Removed Veterinary Technician accreditation information due to Veterinary Technician Program being discontinued at Albuquerue Campus |
| All | 7,160,162,163,166,167, 168,169,171,177,179, 180,187,188 | All references to the titles Campus Director, Associate Campus Director and Admissions Representative | Updated | Please note that the following job titles have been changed effective September 1, 2026: “Campus Director” has been changed to “Campus President”; "Associate Campus Director" has been changed to "Campus Vice President"; and "Admissions Representative" has been changed to "Medical Career Specialist". All references to previous titles across all Pima Medical Institute materials are hereby replaced by the above updated titles. |

| Campus | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Phoenix | 17 | Program Accreditation<br>Surgical Technology: The Surgical Technology program is programmatically accredited by the Accrediting Bureau of Health Education Schools (ABHES), 6116 Executive Blvd., Suite 730, North Bethesda, MD 20852; (301) 291-7550; www.abhes.org, info@abhes.org.<br><br>Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians. | Updated | Program Accreditation<br>Surgical Technology: The Surgical Technology program is programmatically accredited by the Accrediting Bureau of Health Education Schools (ABHES), 6116 Executive Blvd., Suite 730, North Bethesda, MD 20852; (301) 291-7550; www.abhes.org, info@abhes.org.<br><br>Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians.<br><br>The program in Dental Hygiene in Phoenix is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of “initial accreditation”. The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (800) 232-6108 or at 401 North Michigan Avenue, Suite 3300, Chicago, IL 60611-4250. The Commission’s web address is: https://coda.ada.org |

# Program Changes

PIMA MEDICAL INSTITUTE

Revision Date 11/1/26

| Date of Change | Program | CatalogPage(s) | Action | Notification |
|---|---|---|---|---|
| 11/1/2026 | Radiography Bridge | 116 | Updated | Updated Course Descriptions, Semester III, RAD 212 Advanced Radiographic Imaging and Special Procedures, Prerequisites from Semesters I, II, and III, and IV to Prerequisites: Semesters I, II, and RAD132 Positioning III<br><br>Updated Course Descriptions, Semester V, RAD 248 Radiography III, Prerequisites: Semesters I, II, III, and IV to Prerequisites: Semesters I, II, III, and IV courses; Co-requisite: RAD 256 Clinical Externship IV<br><br>Updated Course Descriptions, Semester V, RAD 256 Clinical Externship IV, Prerequisites: Semesters I, II, III, and IV to Prerequisites: Semesters I, II, III, and IV courses; Co-requisite: RAD 248 Radiography III |
| 11/1/2026 | Bachelor of Science in Radiologic Sciences | 145 | Updated | Italicized MTH315 to indicate a general education course. Changed the transfer of credits requirements from 46 radiography to 46 radiology technical credits to match admission requirements. |
| 11/1/2026 | Certificate: Computed Tomography | 30 | Updated | Removed Florida and Tennessee from list of states for which program does not meet educational requirements |
| 11/1/2026 | Associate Degree: Respiratory Therapy Program | 119 | Updated | Updated the Program page to correct error on semester 6 course outline total lab hours from 60 to 30 |
| 9/3/2026 | Associate Degree: Dental Hygiene Phoenix | N/A | Added | Added Dental Hygiene Phoenix program pages |
| 9/1/2026 | Associate Degree: Occupational Therapy Assistant | 101 | Updated | Removed Washington star from map |

| Date of Change | Program | CatalogPage(s) | Action | Notification |
|---|---|---|---|---|
| 9/1/2026 | Certificate: Sterile Processing Techinician | 63 | Updated | Added Washington star to map |
| 9/1/2026 | Associate Degree: Dental Hygiene San Antonio | N/A | Updated | Updated the map to refect accurate location of program |
| 9/1/2026 | Certificate: Phlebotomy | 59 | Updated | Removed California location. Changed to clock hours. |
| 9/1/2026 | Associate Degree: Dental Hygiene, Houston | 75 | Updated | Changed delivery method to hybrid and updated program hours from 1,731 ro 1,776 |
| 9/1/2026 | Certificate: Emergency Medical Technician | 37 | Updated | Updated extern hours from 15 to 12 |
| 7/31/2026 | Associate Degree: Veterinary Technician, Albuquerque | 127 | Updated | Removed Albuquerque from Veterinary Technician program page as program is discontinued on Albuquerque campus |
| 7/16/2026 | Associate Degree: Dental Hygiene, Albuquerque | 70 | Updated | Updated delivery method from On-Ground to Hybrid |
| 7/1/2026 | Associate Degree: Respiratory Therapy | 119 | Updated | Changed title of RES 222 from Advanced Pulmonary Diagnostics to Advanced Patient Care to correct error in course name. |
| 5/4/2026 | Certificate: Pharmacy Technician | 51-58 | Updated | Added admission requirement: All Pharmacy Technician program applicants, prior to beginning classes, must complete and successfully pass a background check evidencing no felony or drug convictions. |

| Date of Change | Program | CatalogPage(s) | Action | Notification |
|---|---|---|---|---|
| 5/4/2026 | Associate Degree: Medical Lab Technician | 93-96 | Updated | Updated prerequisites for MLT 210 to include MLT 205 |
| 4/1/2026 | Associate Degree: Veterinary Technician | 127 | Updated | Updated VTA program totals both didactic and lab from Theory 295, Lab 185, Extern 240, Total Credits 29 to Theory 316, Lab 164, Extern 240 Total Credits 29. |
| 3/11/2026 | Certificate: Practical Nursing Program | 60-62 | Updated | This program is not regulated by DPOS |
| 3/4/2026 | Certificate: Practical Nursing Program | 60-62 | Updated | Updated program outline: BIO 112 Anatomy and Physiology has been moved into Sequence I. All other Anatomy and Physiology classes (BIO 113, BIO 116, and BIO 117) have been moved up within subsequent sequences. PSY 120 Human Development Across the Life Span has been repositioned from Sequence I to Sequence V. |
| 3/4/2026 | Associate Degree: Dental Hygiene, San Antonio | N/A | Added | Added Dental Hygiene San Antonio program pages |
| 2/23/2026 | Associate Degree: Dental Hygiene, Houston | 75 | Updated | Updated Admissions Requirements to include portfolio requirement in addition to an interview.<br><br>Admissions Requirements: In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information. |
| 2/23/2026 | Radiography-Bridge | 116 | Updated | Updated course prerequisites for RAD 212 to include RAD112 Positioning I, RAD122 Positioning II, RAD 132 Positioning III |
| 2/23/2026 | Veterinary Technician-El Paso | 131-132 | Updated | Corrected VTA 150 to include 45 theory hours and 0 lab hours |

| Date of Change | Program | CatalogPage(s) | Action | Notification |
|---|---|---|---|---|
| 2/23/2026 | Associate Degree: Respiratory Therapy | 119 | Updated | Updated RES 287 to correct lab hours from 60 hours to 30 hours |
| 2/23/2026 | Associate Degree: Dental Hygiene, Seattle | 80 | Updated | Updated Admissions Requirements to include portfolio requirement in addition to an interview.<br><br>Admissions Requirements: In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information. |
| 2/23/2026 | Associate Degree: Radiography | 113 | Updated | Removed hybrid delivery from Houston Campus as only On-ground delivery is available. |
| 2/23/2026 | Associate Degree: Healthcare Administration -Online | 90 | Updated | Removed retired HCA program pages and added updated program pages |
| 1/1/2026 | Bachelor of Science in Respiratory Therapy | 135 | Updated | Admissions Requirements: Applicants to this degree completion program must have graduated from a CoARC-accredited Entry into Respiratory Care Professional Practice degree program and be a registered respiratory therapist (RRT) by the National Board for Respiratory Care (NBRC) prior to admission. Admission to the program requires that an applicant possess a high school diploma or recognized equivalency and have completed a total of 71 semester credits of specific coursework at the postsecondary level. The 71 transfer credits shall consist of 15 general education, 44 respiratory therapy technical, and 12 related credits. Transfer credits into this program must meet the following conditions: awarded by a nationally or regionally accredited institution; grade of “C” or better; and numbered 100 and above. General education transfer credits are required to be from a broad sampling of various educational experiences including arts and humanities, business, information systems, social sciences, or natural sciences. See additional Admissions and Transfer Credit requirements in the Prospective Students section of this catalog. |

| Date of Change | Program | CatalogPage(s) | Action | Notification |
|---|---|---|---|---|
| 1/1/2026 | Associate Degree: Respiratory Therapy | 119 | Updated | Corrected typographical error on semester 6 program outline |
| 1/1/2026 | Certificate: Medical Administrative Assistant | N/A | Added | Added new program pages for MAA online program |
| 1/1/2026 | Associate Degree: Surgical Technician | 123 | Updated | Revised Semester credit hours from 77 to 70 and Program Hours from 1740 to 1572 |

# Financial Services

PIMA MEDICAL INSTITUTE

Revision Date: 3/11/26

<table>
<tr><th>Section</th><th>Catalog Pages</th><th>Current Catalog Statement</th><th>Action</th><th>New or Revised Catalog Statement</th></tr>
<tr>
<td>Colorado Institutional Refund Policy</td>
<td>188</td>
<td>
<table>
<tr><th colspan="2">COLORADO INSTITUTIONAL REFUND POLICY</th></tr>
<tr><td>A student terminating or withdrawing training:</td><td>Is entitled to a refund of:</td></tr>
<tr><td>Day 1 thru Day 10 of the initial enrollment period</td><td>100% refund</td></tr>
<tr><td>Within first 10% of enrollment period</td><td>90% less $100 cancellation charge</td></tr>
<tr><td>After 10% but within the first 30% of the enrollment period</td><td>70% less $100 cancellation charge</td></tr>
<tr><td>After 30% but within the first 60% of the enrollment period</td><td>40% less $100 cancellation charge</td></tr>
<tr><td>After 60% of the enrollment period</td><td>no refund</td></tr>
</table>
</td>
<td>Updated</td>
<td>
COLORADO INSTITUTIONAL REFUND POLICY: ON-GROUND PROGRAMS
<table>
<tr><th>A student terminating or withdrawing training:</th><th>Is entitled to a refund of:</th></tr>
<tr><td>Within first 10% of enrollment period</td><td>90% tuition price less $100 cancellation charge</td></tr>
<tr><td>After 10% but within the first 25% of enrollment period</td><td>75% less $100 cancellation charge</td></tr>
<tr><td>After 25% but within the first 50% of enrollment period</td><td>50% less $100 cancellation charge</td></tr>
<tr><td>After 50% but within the first 75% of enrollment period</td><td>25% less $100 cancellation charge</td></tr>
<tr><td>After 75% of enrollment period</td><td>no refund</td></tr>
</table>
</td>
</tr>
</table>

# Financial Services

Revision Date: 9/1/26

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| State Specific Cancellation and Refund Policies: California | 187 | A student withdrawing from class after seven (7) days will receive a prorated refund of tuition calculated as follows: | Removed | N/A |
| State Specific Cancellation and Refund Policies: California | 187 | If the student has completed 60 percent or less of the scheduled days in the current payment period in their program through the last day of attendance: | Updated | If the student has completed 60 percent or less of the scheduled days in the current payment period in his or her program through the last day of attendance, they will receive a prorated refund of tuition. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| State Specific Cancellation and Refund Policies: California | 187 | 1. Determine the total tuition charge for the payment period.<br>2. Divide the total tuition by the number of scheduled days in the program to calculate the daily tuition rate.<br>3. Multiply the daily tuition rate by the number of days scheduled to have been completed by the student to determine the tuition earned by the institution.<br>4. Subtract the tuition earned from the total amount paid by the student to calculate the preliminary refund amount.<br>5. From the preliminary refund amount, deduct the following nonrefundable charges, if applicable:<br>a. A nonrefundable registration fee of $150<br>b. The Student Tuition Recovery Fund fee<br>c. A $100 processing fee (if required by state regulations)<br>6. The final figure is the amount to be refunded to the student.<br>7. Any adjustment for equipment and materials retained by the student will be made, if applicable.<br>8. The refund will be issued within 45 days of the receipt of the student's written notice of termination.<br>9. If the student has completed more than 60 percent of the period of attendance for which the student was charged, the tuition is considered earned and the student will receive no refund.<br>10. The student will receive a statement reporting the amount of refund and to whom the refund was made within 10 days of the refund date.<br>11. If the student has received federal student financial aid funds, the student is entitled to a refund of monies not paid from federal student financial aid program funds.<br><br>12. The cancellation and refund policy applies to both on ground and the distance-education programs. | Removed | N/A |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Grants | 182 | Grants<br>For PMI students, options may include the Federal Pell Grant and the Federal Supplemental Educational Opportunity Grant. The Cal Grant, which is a state grant, is also an option for PMI California students.<br><br>Federal Pell Grant (Pell Grant)<br>For many students, Pell Grants provide a “foundation” of financial aid to which other aid may be added to defray the cost of college education. These grants are awarded only to undergraduate students who have not earned a bachelor degree or professional degree. Each student is entitled to apply for a Pell Grant; eligibility is determined by a student’s need, COA, and amount of money appropriated by Congress to fund the program. The grant amount is determined by a standard formula used by the USDE. The grant award will depend on the SAI, COA, and the Pell Lifetime Eligibility Used.<br><br>To apply for a Pell Grant, students or prospective students may complete a Free Application for Federal Student Aid (FAFSA) form available through the PMI Financial Services Department, from high school counselors, or website https://studentaid.gov/h/apply-for-aid/fafsa. The application is transmitted electronically through the FAFSA Processing System (FPS), which determines the applicant’s SAI.<br><br>Federal Supplemental Educational Opportunity Grant (FSEOG) Undergraduate students with the lowest SAI and who will also receive Pell Grants for the award year have primary consideration for an FSEOG award. The amount of the grant and the number of students who may receive this grant depends on the availability of funds from the USDE.<br><br>Cal Grant (State Grant) Undergraduate students who have met the requirements for FAFSA or California Dream Act Application (CADAA) are eligible for one of | Updated | Grants<br>For PMI students, options may include the Federal Pell Grant and the Federal Supplemental Educational Opportunity Grant. The Cal Grant, which is a state grant, is also an option for PMI California students.<br><br>Federal Pell Grant (Pell Grant)<br>For many students, Pell Grants provide a “foundation” of financial aid to which other aid may be added to defray the cost of college education. These grants are awarded only to undergraduate students who have not earned a bachelor's degree or professional degree. Each student is entitled to apply for a Pell Grant; eligibility is determined by a student’s need, COA, and the amount of money appropriated by Congress to fund the program. The grant amount is determined by a standard formula used by the USDE. Eligibility for the Federal Pell Grant is based on a student’s Student Aid Index (SAI) and other federal criteria. Students whose SAI equals or exceeds twice the maximum Pell Grant amount for the award year are generally not eligible for Pell Grant funding. However, students meeting the Special Rule for dependents of certain deceased servicemembers or public safety officers as defined by federal law may still qualify for a Pell Grant.<br><br>To apply for a Pell Grant, students or prospective students may complete a Free Application for Federal Student Aid (FAFSA) form available through the PMI Financial Services Department, from high school counselors, or the studentaid.gov website. The application is transmitted electronically through the FAFSA Processing System (FPS), which determines the applicant’s SAI. Federal Supplemental Educational Opportunity Grant (FSEOG): Undergraduate students with the lowest SAI who will also receive Pell Grants for the award year receive primary consideration for an FSEOG award. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
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| | | three types of Cal Grants. The award type is based on their FAFSA or CADAA, Cal Grant GPA, the type of California colleges listed on FASFA, and if the student is a recent high school graduate. | | The amount of the grant and the number of students who may receive this grant depend on the availability of funds from the USDE.<br><br>Cal Grant (State Grant) Undergraduate students who have met the requirements for FAFSA or California Dream Act Application (CADAA) are eligible for one of three types of Cal Grants. The award type is based on their FAFSA or CADAA, Cal Grant GPA, the type of California colleges listed on FASFA, and if the student is a recent high school graduate." |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| Direct Subsidized Loans | 183 | Direct Subsidized Loans<br>These low-interest loans are available to undergraduate students with financial need; the borrowed amount may not exceed the financial need. The USDE pays the interest on these loans while the student is in school at least half-time, for the first six months after the last date of attendance (i.e., the grace period) and during a period of deferment. Deferments after the student drops below half-time status are not automatic, and the student must contact the lender concerning their loan. Applications and deferment information can be obtained from the PMI Financial Services Department or from the lender.<br><br>Dependent undergraduate students may borrow up to:<br>• $5,500 if they are in their first year and enrolled in a program of study that is at least a full academic year3 (at least $2,000 of this amount must be in unsubsidized loans)<br>• $6,500 if they have completed the first year of study and the remainder of their program is at least a full academic year (at least $2,000 of this amount must be unsubsidized loans)<br>• $7,500 a year if they have completed two years of study and the remainder of their program is at least a full academic year (at least $2,000 of this amount must be in unsubsidized loans)<br><br>For periods of undergraduate study that are less than an academic year, the amounts the student can borrow will be less than those previously listed. Students may ask the PMI Financial Services Department for specific details. The aggregate loan limit for a dependent undergraduate student is $31,000 (no more than $23,000 of this amount may be subsidized loans). Independent students or a dependent undergraduate students whose parents are unable to qualify for a PLUS Loan may borrow up to:<br>• $9,500 if the student is a first-year student enrolled in a program of study that is at least a full academic year (at | Updated | Direct Subsidized Loans<br>These low-interest loans are available to undergraduate students with financial need; the borrowed amount may not exceed the financial need. The USDE pays the interest on these loans while the student is in school at least half-time, for the first six months after the last date of attendance (i.e., the grace period), and during a period of deferment. Deferments after the student drops below half-time status are not automatic; the student must contact the lender regarding their loan. Applications and deferment information can be obtained from the PMI Financial Services Department or from the lender.<br>Dependent undergraduate students may borrow up to:<br>• $5,500 if they are in their first year and enrolled in a program of study that is at least a full academic year 3 (at least $2,000 of this amount must be in unsubsidized loans)<br>• $6,500 if they have completed the first year of study and the remainder of their program is at least a full academic year (at least $2,000 of this amount must be unsubsidized loans)<br>• $7,500 a year if they have completed two years of study and the remainder of their program is at least a full academic year (at least $2,000 of this amount must be in unsubsidized loans)<br>For periods of undergraduate study that are less than an academic year, or less than full-time for an academic year, the amounts the student can borrow will be less than those previously listed. Students may ask the PMI Financial Services Department for specific details. The aggregate loan limit for a dependent undergraduate student is $31,000 (no more than $23,000 of this amount may be subsidized loans).<br>Independent students or a dependent undergraduate students whose parents are unable to qualify for a PLUS Loan may borrow up to: |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| | | least $6,000 of this amount must be in unsubsidized loans)<br>• $10,500 if the student has completed the first year of study and the remainder of their program is at least a full academic year (at least $6,000 of this amount must be in unsubsidized loans)<br>• $12,500 a year if the student has completed two years of study and the remainder of their program is at least a full academic year (at least $7,000 of this amount must be in unsubsidized loans)<br>• $20,500 unsubsidized loan per academic year for students enrolled in a master's degree program<br><br>For periods of undergraduate study that are less than an academic year, the amounts the student can borrow will be less than those previously listed. The PMI Financial Services Department can provide specific details. The aggregate loan limit for an independent undergraduate student is $57,500. (No more than $23,000 of this amount may be subsidized loans.)<br><br>Interest rates and fees<br>Interest rate changes from year to year apply to Direct Subsidized Loans first disbursed on or after July 1 of each year through June 30 of the next year. In addition, Direct Subsidized Loans have a loan fee assessed that the borrower is responsible to repay. For more information on prior/current loan fees, see: https://studentaid.gov/understand-aid/types/loans/interest-rates.<br><br>Interest rate cap for military members<br>The interest rate on a borrower's loan may be changed to six (6) percent during the borrower's active duty military service. Borrower must contact the creditor (loan holder) in writing to request the interest rate adjustment and provide a copy of the borrower's military orders. | | • $9,500 if the student is a first-year student enrolled in a program of study that is at least a full academic year (at least $6,000 of this amount must be in unsubsidized loans)<br>• $10,500 if the student has completed the first year of study and the remainder of their program is at least a full academic year (at least $6,000 of this amount must be in unsubsidized loans)<br>• $12,500 a year if the student has completed two years of study and the remainder of their program is at least a full academic year (at least $7,000 of this amount must be in unsubsidized loans)<br>• $20,500 unsubsidized loan per academic year for students enrolled in a master's degree program<br>For periods of undergraduate study that are less than an academic year, or less than full-time for an academic year, the amounts the student can borrow will be less than those previously listed. The PMI Financial Services Department can provide specific details. The aggregate loan limit for an independent undergraduate student is $57,500. (No more than $23,000 of this amount may be subsidized loans.)<br>Interest rates and fees<br>Interest rate changes from year to year apply to Direct Subsidized Loans first disbursed on or after July 1 of each year through June 30 of the next year. In addition, Direct Subsidized Loans have a loan fee assessed that the borrower is responsible to repay. For more information on prior/current loan fees,<br>Interest rate cap for military members. The interest rate on a borrower's loan may be changed to six (6) percent during the borrower's active duty military service. Borrower must contact the creditor (loan holder) in writing to request the interest rate adjustment and provide a copy of the borrower's military orders. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
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| Direct Unsubsidized Loans | 183-184 | Direct Unsubsidized Loans<br>https://studentaid.gov/understand-aid/types/loans/subsidizedunsubsidized<br>These loans are available to eligible students, regardless of family income, who do not qualify in whole or in part for Direct Subsidized Loans. The loan is not awarded based on need; the term “unsubsidized” means that interest is not paid for the student. The student may make monthly or quarterly interest payments to the lender or allow the accrued interest to capitalize.<br><br>The terms of these loans are the same as those for a Direct Subsidized Loan with the following exceptions:<br>• Federal government does not pay interest on student’s behalf<br>• The student must pay all interest that accrues on the loan during enrollment and the grace period. The student may make monthly or quarterly interest payments to the lender or allow the accrued interest to capitalize.<br><br>Direct PLUS Loans<br>https://studentaid.gov/plus-app/<br>These federal loans are available to graduate or professional students (grad PLUS loans) or parents of dependent undergraduate students (parent PLUS loans) to help pay for education expenses not covered by other financial aid. Parents of dependent students include the biological or adoptive parent(s). The parent PLUS loan is also available to stepparents if their income and assets are taken into consideration when calculating the student’s SAI.<br><br>The USDE makes Direct PLUS Loans to eligible parents and graduate or professional students through schools participating in the Direct Loan Program. The maximum amount awarded is the cost of attendance (per the School’s determination) minus any other financial aid; the loan cannot exceed the student’s cost of education. The interest rate is variable and is set on July 1 of each | Updated | Direct Unsubsidized Loans<br>These loans are available to eligible students, regardless of family income, who do not qualify in whole or in part for Direct Subsidized Loans.<br><br>The loan is not awarded based on need; the term “unsubsidized” means that interest is not paid for the student. The student may make monthly or quarterly interest payments to the lender or allow the accrued interest to capitalize. The terms of these loans are the same as those for a Direct Subsidized Loan with the following exceptions:<br>• Federal government does not pay interest on student’s behalf<br>• The student must pay all interest that accrues on the loan during enrollment and the grace period. The student may make monthly or quarterly interest payments to the lender or allow the accrued interest to capitalize.<br><br>Direct PLUS Loans<br>These federal loans are available to parents of dependent undergraduate students (parent PLUS loans) to help pay for education expenses not covered by other financial aid. Parents of dependent students include the biological or adoptive parent(s). The parent PLUS loan is also available to stepparents if their income and assets are taken into consideration when calculating the student’s SAI. The USDE makes Direct PLUS Loans to eligible parents through schools participating in the Direct Loan Program. The maximum amount awarded is the cost of attendance (per the School’s determination) minus any other financial aid; the loan cannot exceed the student’s cost of education or $20,000, annually, and lifetime limit of $65,000 (per dependent student). The interest rate is variable and is set on July 1 of each year. A loan fee will be deducted proportionately each time a loan disbursement is |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| | | year. A loan fee will be deducted proportionately each time a loan disbursement is made. For information on loan fees, see: https://studentaid.gov/understandaid/types/loans/interest-rates.<br><br>To receive a grad PLUS loan, the student must be a graduate or professional student enrolled at least half-time in an eligible program leading to a graduate or professional degree or certificate, have no adverse credit history, and meet the general eligibility requirements for federal student aid. To apply for grad PLUS loan, contact the PMI Financial Services Department.<br><br>Repayment of a Direct PLUS Loan begins within 60 days of the final disbursement unless the parent qualifies for and is granted a deferment by the lender. There is no grace period on these loans. Interest begins to accumulate at the time the first disbursement is made, and parents will begin repaying both the principal and interest while the student is in school. Applications can be obtained from PMI's Financial Services Department or from the lender. For deferment information, contact the PMI Financial Services Department.<br><br>Loan Advisement<br>The USDE requires that any student receiving a Direct Loan be notified concerning their loan. PMI advises each student regarding loan indebtedness and gives first-time borrowers an entrance counseling and all students an exit interview regarding the loan to make sure the student understands the amount borrowed and the student's rights and responsibilities regarding repayment.<br><br>Students should report to the PMI Financial Services Department prior to reducing course load below half time, withdrawal, or graduation for loan advising. The purpose of this session is to inform students of their tentative total loans received while in attendance at PMI | | made. For information on loan fees, see: https://studentaid.gov/understand-aid/types/loans/interest-rates."<br><br>Students should report to the PMI Financial Services Department prior to reducing course load below half time, withdrawal, or graduation for loan advising. The purpose of this session is to inform students of their tentative total loans received while in attendance at PMI and refunds that may be made. The session also provides students with an estimated payment schedule. Students who have received federal loans at PMI will be sent an email upon reducing course load below half time, withdrawal, or graduation that includes the link to the National Student Loan Data System (NSLDS) exit-counseling website at studentaid.gov. |

| Section | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement |
|---|---|---|---|---|
| | | and refunds that may be made. The session also provides students with an estimated payment schedule. Students who have received federal loans at PMI will be sent an email upon reducing course load below half time, withdrawal, or graduation that includes the link to the National Student Loan Data System (NSLDS) exit-counseling website (https://studentaid.gov/exit-counseling/). | | |

# Student:Instructor Ratios

PIMA MEDICAL INSTITUTE

Revision Date: 11/1/26

| State | Program | Student Instructor Ratios | Note |
|---|---|---|---|
| Arizona | Dental Assistant | Lab 12:1 | |
| Arizona | Diagnostic Medical Sonography | Lab 10:1 | |
| Arizona | Nursing | Clinic 10:1 | |
| Arizona | Nursing Assistant/Nurse Aide | Clinic10:1<br>Lab 20:1 | |
| Arizona | Pharmacy Technician | Lab 12:1<br>Lab (PHA 230) 8:1 | |
| Arizona | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| Arizona | Surgical Technician | Lab 10:1 | |
| Arizona | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1 | |
| California | Dental Assistant | Lab 12:1<br>Preclinical/clinical lab 6:1 | |
| California | Pharmacy Technician | Lab 12:1<br>Lab with sterile compounding (PHA 230) 8:1 | |
| California | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| California | Respiratory Therapy | Clinic 6:1 | |
| California | Surgical Technician | Lab 10:1 | |
| California | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1 | |
| Colorado | Dental Assistant | Lab 12:1 | |

| State | Program | Student Instructor Ratios | Note |
|---|---|---|---|
| Colorado | Medical Laboratory Technician | Lab 10:1 | |
| Colorado | Nursing Assistant/ Nurse Aide | Clinic: 10:1<br>Lab 10:1 | |
| Colorado | Pharmacy Technician | Lab 12:1<br>Lab (PHA 230) 8:1 | |
| Colorado | Practical Nursing | Lab 10:1 | |
| Colorado | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| Colorado | Respiratory Therapy | Clinic 6:1 | |
| Colorado | Surgical Technician | Lab 10:1 | |
| Colorado | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1 | |
| Nevada | Dental Assistant | Lab 12:1 | |
| Nevada | Pharmacy Technician | Lab 12:1<br>Lab with sterile compounding (PHA 230) 8:1 | |
| Nevada | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| Nevada | Respiratory Therapy | Clinic 6:1 | |
| Nevada | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1 | |
| New Mexico | Dental Assistant | Lab 12:1 | |
| New Mexico | Dental Hygiene | Lab 10:1 for RDH 215 Biomaterials<br>All other labs, preclinical, and clinical 5:1 | |

| State | Program | Student Instructor Ratios | Note |
|---|---|---|---|
| New Mexico | Pharmacy Technician | Lab 12:1<br>Lab with sterile compounding (PHA 230) 8:1 | |
| New Mexico | Practical Nursing | Lab 10:1<br>Clinic 8:1 | |
| New Mexico | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| New Mexico | Respiratory Therapy | Clinic 6:1 | |
| Online | General | 35:1 | Exceptions to online / distance education class size must be approved by the Corporate Education Director or Corporate Online Education Director |
| Texas | Dental Assistant | Lab 12:1 | |
| Texas | Dental Hygiene | Lab 10:1 for RDH 215 Biomaterials<br>All other labs, preclinical, and clinical 5:1 | |
| Texas | Diagnostic Medical Sonography | Lab 10:1 | |
| Texas | GENERAL | Classroom 30:1 | |
| Texas | Nursing Assistant/ Nurse Aide | Clinic: 10:1<br>Lab 10:1 | |
| Texas | Pharmacy Technician | Lab 12:1<br>Lab (PHA 230) 8:1 | |
| Texas | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| Texas | Respiratory Therapy | Clinic 6:1 | |
| Texas | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1 | |

| State | Program | Student Instructor Ratios | Note |
|---|---|---|---|
| Texas | Veterinary Technician (El Paso Only) | Lab (live animal) 4:1 | |
| Washington | Dental Assistant | Lab 12:1 | |
| Washington | Dental Hygiene | Lab 10:1 for RDH 215 Biomaterials<br>All other labs, preclinical, and clinical 5:1 | |
| Washington | Diagnostic Medical Sonography | Lab 10:1 | |
| Washington | Pharmacy Technician | Lab 12:1<br>Lab (PHA 230) 8:1 | |
| Washington | Radiography | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 | |
| Washington | Respiratory Therapy | Clinic 6:1 | |
| Washington | Surgical Technician | Lab 10:1 | |
| Washington | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1 | |

# Computed Tomography (CT)

**Objective:** The certificate in Computed Tomography (CT) program is intended for ARRT registered technologists to prepare for work within an advanced modality. The online courses are designed to build upon existing skills and add the knowledge required to safely and effectively perform diagnostic CT scans. The curriculum prepares the technologist for advancement through instruction in procedures, cross-sectional anatomy, radiation safety, and physics and instrumentation.

Graduates of this program receive a certificate.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, applicants must hold a current American Registry of Radiologic Technologists (ARRT) registration as a radiologic technologist. As there is no clinical experience in this program, applicants must document their employer's intention to cross train them in CT as part of the admissions process.

Pima Medical Institute (PMI) has determined that the Computed Tomography (CT) program does not meet the state educational requirements for licensure or certification in the following states. Therefore, the institution does not enroll students into the CT program who are physically located in the following states: Colorado, Massachusetts, Michigan, Nevada, New Mexico, North Carolina, Oregon, Wisconsin, and Vermont. State educational requirements for licensure or certification are subject to change.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| **Weeks 1 - 8** | | | | | |
| CT 200 | Cross Sectional Anatomy | 32 | | | 2.0 |
| CT 210 | CT Procedures I | 32 | | | 2.0 |
| **Weeks 9 - 16** | | | | | |
| CT 220 | Image Production and Safety | 32 | | | 2.0 |
| CT 230 | CT Procedures II | 32 | | | 2.0 |
| | **Semester I Total** | **128** | | | **8.0** |

## Course Description

**CT 200 Cross Sectional Anatomy**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
*This course provides an overview of human sectional anatomy in the axial, sagittal, coronal, and oblique planes. Students will learn how to identify common anatomical structures as they are displayed on CT images. Students will also learn physiological aspects of anatomy that facilitate viewing contrast within related structures.*
*Prerequisites: None*

**CT 210 Procedures I**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course introduces students to the history and development of computed tomography (CT) and provides comprehensive knowledge of CT procedures for both adult and pediatric patients. Students learn pre-scan procedures including screening patients, assessing the appropriateness of orders, and proper venipuncture techniques. Students study standard scan parameters, contrast requirements, and contrast delivery techniques of various CT procedures. Image quality components such as display field of view (DFOV), window width, and window level are assessed. Common pathologies are addressed.
*Prerequisites: None*

**CT 220 Image Production and Safety**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides an understanding of the physics, instrumentation, and radiation safety aspects of computed tomography. Students learn the components of the CT imaging system and steps for acquiring and processing the CT image. Current radiation safety practices are also explored. Topics include x-ray creation, x-ray interactions, CT imaging hardware and software, image acquisition and processing, image display and quality, and radiation safety in the CT environment.
*Prerequisites: CT Procedures I*

**CT 230 CT Procedures II**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
A continuation of CT Procedures I, this course focuses on additional CT procedures including Cardiac CT scans, interventional procedures, and advanced image reconstructions. Planar and volumetric postprocessing are discussed as well as image archiving and informatics. Students study standard scan parameters, contrast requirements, and contrast delivery techniques of various CT procedures. Image quality components such as display field of view (DFOV), window width, and window level are assessed. Common pathologies are addressed.
*Prerequisites: CT Procedures I and Cross Sectional Anatomy*

## At a Glance

**Program Type:** Certificate

**Delivery Method:** Online

**Semester Credits:** 8.0

| Program Length | Total |
|---|---|
| Program Hours | 128 |
| Program Weeks<br>Individual time to completion may vary by student depending on individual progress and credits transferred. | 16 |
| Program Semesters<br>(16 weeks per semester) | 1 |

## Campus Location

The Online programs are delivered from Tucson, AZ.

# Emergency Medical Technician

**Objective:** To develop in students the personal traits and professional skills needed to perform as competent, entry-level Emergency Medical Technicians. The program introduces students to management of pre-hospital sick or injured patients and their safe transportation to an acute care hospital. Topics to be covered will include anatomy and physiology, communication, patient assessment, and emergency interventions.

Graduates of this program receive a certificate. The Emergency Medical Technician program courses are eligible for consideration for credit toward PMI's Paramedic Associate of Occupational Science Degree Program. Graduates of this program are eligible to apply to take the NREMT certification examination at the EMT level.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, applicants must be 18 years of age.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| EMS 101 | EMT Theory and Practical Applications | 100 | 80 | 12 | 9.5 |
| | **Semester I Total** | **100** | **80** | **12** | **9.5** |
| | **Program Total** | **100** | **80** | **12** | **9.5** |

**EMS 101 EMT Theory and Practical Applications**
*Total Course Hours: 192 (100 Theory, 80 Lab, 12 Extern) Semester Credits: 9.5*
This course introduces the emergency medical services (EMS) system as well as the roles and responsibilities of emergency medical technicians (EMTs). Course content addresses the knowledge needed to respond to medical emergencies and trauma situations, including medical terminology, anatomy and physiology, patient assessment, airway management, pharmacology, shock, and patient resuscitation. Topics include cardiovascular emergencies, toxicology, psychiatric emergencies, bleeding, face and neck injuries, head and spine injuries, chest injuries, and orthopedic injuries, as well as specific patient populations and patient transportation considerations. Students participate in hands-on activities to practice the skills necessary for prehospital settings.
*Prerequisites: None*

## At a Glance

**Program Type:** Certificate

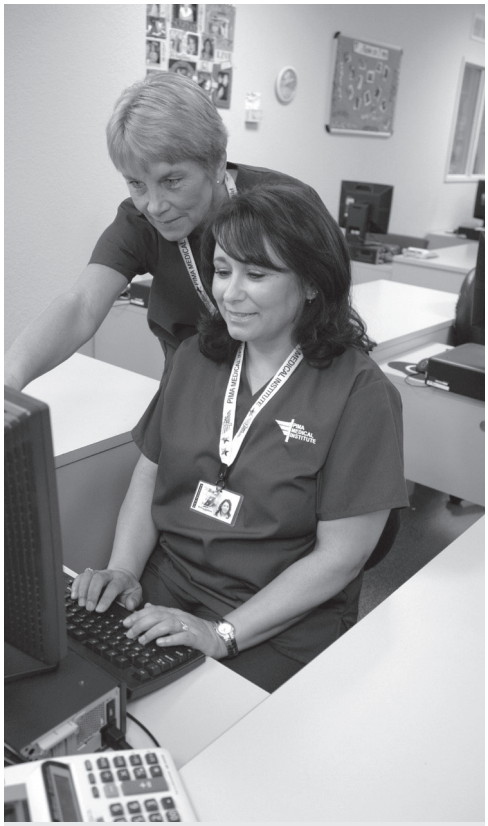
**Delivery Method:** On-ground

**Semester Credits:** 9.5

| Program Length | Total |
|---|---|
| Program Hours | 192 |
| Program Weeks | 15 |
| Program Semesters (15 weeks per semester) | 1 |

## Campus Locations

NV: Las Vegas



# Medical Administrative Assistant

**Objective:** To develop in students the personal traits and professional skills needed to perform as competent entry-level medical administrative assistant professionals. The program provides students with knowledge of medical terminology, office management, medical insurance and billing, electronic health records, accounting procedures, patient communication, legal and ethical considerations.

Graduates of this program receive a certificate.

**Admissions Requirements:** Refer to the Admissions information in the Prospective Students section of this catalog.

## At a Glance

**Program Type:** Certificate

**Delivery Method:** Online

**Semester Credits:** 30.0

| Program Length | Total |
|---|---|
| Program Hours | 510 |
| Program Weeks<br>Individual time to completion may vary by student depending on individual progress and credits transferred. | 32 |
| Program Semesters<br>(16 weeks per semester) | 2 |

## Campus Locations

The Online programs are delivered from Tucson, AZ.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| MAA101 | Foundations of Medical Administrative Assisting | 45 | | | 3.0 |
| MAA141 | Medical Office Computer Applications | 30 | 60 | | 3.0 |
| MAA121 | Anatomy, Physiology, and Medical Terminology | 60 | | | 4.0 |
| MAA111 | Medical Office Communication and Documentation | 45 | | | 4.0 |
| | **Semester I Total** | **180** | **60** | | **14.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| MAA 151 | Introduction to Medical Office Management | 60 | | | 4.0 |
| MAA 171 | Electronic Health Record Management | 60 | | | 4.0 |
| MAA 161 | Medical Office Insurance, Billing, and Coding | 60 | | | 4.0 |
| MAA 181 | Professional Capstone | 30 | 60 | | 4.0 |
| | **Semester II Total** | **210** | **60** | | **16.0** |

| | | | | |
|---|---|---|---|---|
| **Program Total** | **390** | **120** | | **30.0** |

# Medical Administrative Assistant • Course Descriptions

Semester I

**MAA101 Foundations of Medical Administrative Assisting**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces students to the healthcare industry and typical responsibilities of a medical administrative assistant. Through hands-on experience, students will gain a general knowledge of computers. Legal and ethical considerations relevant to the medical office setting with a particular focus on Health Insurance Portability and Accountability Act (HIPAA) and patient confidentiality requirements will be addressed.
*Prerequisites: None*

**MAA141 Medical Office Computer Applications**
*Total Course Hours: 90 (30 Theory, 60 Lab, 0 Extern) Semester Credits: 4.0*
This course emphasizes the development and application of computer-based skills required in the medical office setting. Students engage in workplace-related computer projects using medical management software. Lab activities offer students focused opportunities to explore and practice common word-processing, spreadsheet, and presentation software.
*Prerequisites: None*

**MAA121 Anatomy, Physiology, and Medical Terminology**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course provides students with a basic knowledge of anatomy, physiology, and medical terminology. Medical terms are introduced within the context of structures and functions of the body systems and the senses. Content also addresses pathology, procedures, and medications involved in treatment. Students learn to apply proper terminology and spelling for major pathological conditions. This course identifies and explains the terms used for the integumentary, respiratory, nervous, reproductive, endocrine, urinary, digestive, lymphatic, hematic, immune, and musculoskeletal systems.
*Prerequisites: None*

**MAA111 Medical Office Communication and Documentation**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces students to the types of professional communication, record keeping, and documentation skills expected of medical office professionals. Emphasis is placed on accuracy, confidentiality, and concise written communication. Medical documentation practices such as the transcription of patient histories and chart notes will be addressed. Content also focuses on the importance of proficient business writing and technology skills typically required in a medical office environment.
*Prerequisites: None*

Semester II

**MAA151 Introduction to Medical Office Management**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course introduces students to the daily operations of the medical office environment, including basic policies/procedures, appointment scheduling, telephone etiquette, patient reception and processing, office equipment, supply inventory, financial and medical records management. Students review basic mathematical skills to provide them with a solid foundation for higher math concepts. Activities offer students opportunities to explore and practice routine tasks associated with entry-level medical office management.
*Prerequisites: Foundations of Medical Administrative Assisting*

**MAA171 Electronic Health Record Management**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course introduces students to electronic health records (EHR), building upon previously learned foundational skills in medical administrative tasks, documentation, and technology applications. Basic EHR systems and the legal and regulatory issues related to their use are addressed. Through instruction, students learn about processing, assembling, and analyzing electronic health records.
*Prerequisites: Foundations of Medical Administrative Assisting*

**MAA161 Medical Office Insurance, Billing, and Coding**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course addresses the fundamentals of insurance, billing, and coding procedures through practical training and activities. Course content includes terminology, documentation requirements, insurance plans, billing agencies, billing processes, patient payment issues, third-party reimbursement, and coding manuals. The proper guidelines for the ICD-10 diagnostic and CPT procedural coding systems, as well as electronic claim forms and the initiation of the claims process, will be addressed. The activities provide students with hands-on opportunities to apply what they have learned.
*Prerequisites: Foundations of Medical Administrative Assisting*

**MAA181 Professional Capstone**
*Total Course Hours: 90 (30 Theory, 60 Lab, 0 Extern) Semester Credits: 4.0*
The capstone course provides students with opportunities to synthesize learned skills and knowledge in real-world projects, including virtual externship, that prepare them for entry into the professional field. Students will acquire skills to seek and obtain employment in the field as well as develop strategies to highlight their professional attributes to employers and others.
*Prerequisite: Successful completion of all semester 1 coursework*

# Pharmacy Technician

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level pharmacy technicians through didactic instruction, hands-on laboratory practice, and externship experiences. Among the topics covered in the curriculum are customer service, drug inventory management, prescription preparation that includes training in sterile products and aseptic techniques, and other topics necessary to be effective members of the pharmacy technician team. A sterile products certification course is offered through the national Pharmacy Technician Association NPTA as part of the program.

Graduates of this program receive a certificate and are eligible to apply to take national examinations to become certified pharmacy technicians. The courses within the program are acceptable for credit toward PMI's Health Care Administration Associate of Applied Science Degree Program.

**Admissions Requirements:** Refer to the Admissions information in the Prospective Students section of this catalog. All Pharmacy Technician program applicants, prior to beginning classes, must complete and successfully pass a background check evidencing no felony or drug convictions.

| Career Prep Sequence | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSK 100 | Study Skills | 15 | | | 1.0 |
| *CAT 150* | *Anatomy, Physiology, and Terminology* | *55* | | | *3.5* |
| *CCB 100* | *Computer Basics* | | *15* | | *0.5* |
| *CMF 95* | *Math Fundamentals* | *20* | | | *1.0* |
| CHS 100 | CPR and First Aid | 10 | 5 | | 0.5 |
| | **Career Prep Sequence Total** | **100** | **20** | | **6.5** |
| **Professional Sequence I** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 121 | Pharmacy Math | 15 | | | 1.0 |
| PHA 105 | Inventory Maintenance | 15 | | | 1.0 |
| PHA 165 | Pharmacology | 20 | | | 1.0 |
| PHA 180 | Pharmacy Law and Ethics | 22 | | | 1.0 |
| PHA 150 | Sequence I Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence I Total** | **72** | **48** | | **5.5** |
| **Professional Sequence II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 131 | Pharmacy Math | 20 | | | 1.0 |
| PHA 170 | Pharmacy Technician Duties | 27 | | | 1.5 |
| PHA 175 | Pharmacology | 25 | | | 1.5 |
| PHA 190 | Sequence II Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence II Total** | **72** | **48** | | **5.5** |
| **Professional Sequence III** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 141 | Pharmacy Math | 15 | | | 1.0 |
| PHA 245 | Principles of Customer Service | 10 | | | 0.5 |
| PHA 185 | Pharmacology | 25 | | | 1.5 |
| PHA 235 | Pharmacy Laboratory Skills | 22 | | | 1.0 |
| PHA 230 | Sequence III Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence III Total** | **72** | **48** | | **5.5** |
| **Professional Sequence IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 151 | Pharmacy Math | 15 | | | 1.0 |
| PHA 155 | Pharmacy Computer Applications | 10 | 12 | | 1.0 |
| PHA 195 | Pharmacology | 20 | | | 1.0 |
| PHA 265 | Patient Safety | 15 | | | 1.0 |
| PHA 270 | Sequence IV Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence IV Total** | **60** | **60** | | **5.5** |
| **Externship** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 250 | Externship | | | 240 | 5.0 |
| | **Externship Total** | | | **240** | **5.0** |
| | **Program Total** | **376** | **224** | **240** | **33.5** |

## At a Glance

**Program Type:** Certificate

**Delivery Method:** On-ground or hybrid*

**See "Note" on Course Descriptions page*

**Semester Credits:** 33.5

| Program Length | Total |
|---|---|
| Program Hours | 840 |
| **Program Weeks** | |
| Five-Day Schedule | 36 |

## Campus Locations

AZ: Mesa, Tucson
CA: Chula Vista, San Marcos
CO: Colorado Springs, Denver
NV: Las Vegas*
NM: Albuquerque
TX: El Paso, Houston, San Antonio

** The Las Vegas campus is accredited by the American Society of Health-System Pharmacists (ASHP).*

# Pharmacy Technician • Course Descriptions

*Note: Morning course sessions are on-ground and evening course sessions are hybrid. Afternoon course sessions may be hybrid or on-ground. For afternoon and evening courses, theory and computer-based lab hours may be taught on-ground, online, and/or hybrid, and all non computer-based labs are taught on-ground. Refer to the Prospective Student Handouts for available delivery methods.*

Career Prep Sequence

**CSK 100 Study Skills**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides students an opportunity to learn and adopt methods to promote success in school, work, and life. Topics include strategies to help students develop and improve their skills in time and stress management, reading comprehension and memorization, listening and note taking, and test preparation.
*Prerequisites: None*

**CAT 150 Anatomy, Physiology, and Terminology**
*Total Course Hours: 55 (55 Theory, 0 Lab, 0 Extern) Semester Credits: 3.5*
This course is designed to provide students with a basic knowledge of anatomy, physiology, and medical terminology. Medical terms are learned within the context of the structures and functions of the body systems (integumentary, musculoskeletal, nervous, endocrine, lymphatic, immune, cardiovascular, respiratory, digestive, urinary, reproductive) and the senses. Content also addresses pathology, procedures, and medications involved in treatment.
*Prerequisites: None*

**CCB 100 Computer Basics**
*Total Course Hours: 15 (0 Theory, 15 Lab, 0 Extern) Semester Credits: 0.5*
Through demonstration and hands-on experience, students gain a general understanding of computers. In addition, hardware, software, Microsoft products, and internet use are explained.
*Prerequisites: None*

**CMF 95 Math Fundamentals**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
The course reviews basic mathematical skills including whole numbers, fractions, decimals, proportions, ratios, percentages, combined applications, and measurement systems. It provides students with a solid foundation for higher math concepts.
*Prerequisites: None*

**CHS 100 CPR and First Aid**
*Total Course Hours: 15 (10 Theory, 5 Lab, 0 Extern) Semester Credits: 0.5*
This course follows recognized standards that are designed to prepare students to provide basic first aid assistance and cardiopulmonary resuscitation (CPR) for adults, children, and infants. Students learn how to perform as an effective team member during multi-rescuer CPR situations and how to demonstrate the proper use of an automated external defibrillator (AED).
*Prerequisites: None*

Professional Sequence I

**PHA 121 Pharmacy Math**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes mathematical concepts for pharmaceutical and business-math calculations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 105 Inventory Maintenance**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes procedures and systems for inventory management of medications, equipment, supplies, and devices in the pharmacy setting. Students learn standard procedures and documentation requirements for purchasing, receiving, and monitoring inventory along with proper identification, storage, and disposal of medications.
*Prerequisites: None*

**PHA 165 Pharmacology**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course examines the anatomy, physiology, pathology, and pharmacology of the muscular, skeletal, and nervous systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.
*Prerequisites: None*

**PHA 180 Pharmacy Law and Ethics**
*Total Course Hours: 22 (22 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides an overview of legal requirements and ethical considerations pertinent to pharmacy technicians. Topics include federal and state statutes that regulate the pharmacy industry, agencies responsible for regulatory enforcement, and codes of ethics for pharmacy professionals.
*Prerequisites: None*

# Pharmacy Technician • Course Descriptions

**PHA 150 Sequence I Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students are assessed on their knowledge of inventory control and recordkeeping with a focus on medications specific to the muscular, skeletal, and nervous systems.
*Prerequisites: None*

Professional Sequence II
**PHA 131 Pharmacy Math**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes mathematical concepts for pharmaceutical calculations used in reconstitutions, dilutions, and concentrations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 170 Pharmacy Technician Duties**
*Total Course Hours: 27 (27 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course introduces students to the tasks and responsibilities of pharmacy technicians as well as expectations for professionalism in the work environment. Topics include types of pharmacy practice settings, health care team interactions, time and stress management, prescription related matters, insurance claims, and recordkeeping practices.
*Prerequisites: None*

**PHA 175 Pharmacology**
*Total Course Hours: 25 (25 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course examines the anatomy, physiology, pathology, and pharmacology of the gastrointestinal, respiratory, and cardiovascular systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration as well as hematological agents used to treat blood disorders and diseases.
*Prerequisites: None*

**PHA 190 Sequence II Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students participate in various role-play scenarios designed to engage and enhance critical thinking and problem-solving skills relevant to pharmacy practice settings. In addition, students are assessed on their knowledge of medications specific to the gastrointestinal, respiratory, cardiovascular, and hematologic systems.
*Prerequisites: None*

Professional Sequence III
**PHA 141 Pharmacy Math**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course reviews mathematical concepts for pharmaceutical and intravenous (IV) calculations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 245 Principles of Customer Service**
*Total Course Hours: 10 (10 Theory, 0 Lab, 0 Extern) Semester Credits: 0.5*
This course introduces students to customer service skills expected of pharmacy technicians. Topics include how to convey a professional image in the workplace, effective communication modes and strategies for various customer and health care team interactions, listening and speaking techniques, and cultural competency awareness.
*Prerequisites: None*

**PHA 185 Pharmacology**
*Total Course Hours: 25 (25 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course examines the anatomy, physiology, pathology, and pharmacology of the urinary, endocrine, lymphatic, and reproductive systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.
*Prerequisites: None*

**PHA 235 Pharmacy Laboratory Skills**
*Total Course Hours: 22 (22 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides students with hands-on opportunities to develop and practice pharmacy technician skills in a simulated pharmacy environment. Topics range from sterile/nonsterile compounding procedures to preparing and dispensing various forms of medications according to industry standards. Special emphasis is placed on infection control, strategies to prevent medication errors, and quality assurance in the pharmacy setting.
*Prerequisites: None*

**PHA 230 Sequence III Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students participate in activities designed to develop and enhance effective customer service skills in a simulated pharmacy environment. They also practice sterile and non-sterile compounding skills and become familiar with the pharmacy-related equipment used in compounding. Students are also assessed on their knowledge and application of medications specific to the urinary, endocrine, lymphatic, and reproductive systems.
*Prerequisites: None*

Professional Sequence IV
**PHA 151 Pharmacy Math**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes mathematical concepts for pharmaceutical calculations involving body weight and mass. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 155 Pharmacy Computer Applications**
*Total Course Hours: 22 (10 Theory, 12 Lab, 0 Extern) Semester Credits: 1.0*
This course explores the role of technology and pharmacy software systems in the pharmacy environment. Topics include collection, entry, storage, retrieval, and transmission of customer/patient, physician, and drug-related data.
*Prerequisites: None*

**PHA 195 Pharmacology**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course examines the anatomy, physiology, pathology, and pharmacology of the integumentary system and the eyes, ears, nose, and throat. Content addresses the therapeutic effects of prescription and nonprescription medications, including antineoplastic and oncology agents, anti-infective medications, and alternative therapies associated with these body structures. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.
*Prerequisites: None*

**PHA 265 Patient Safety**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course examines the role of the pharmacy technician in ensuring patient safety. Topics include strategies to prevent medication errors and ensure quality assurance in the pharmacy setting. Content also addresses prescription drug abuse and its impact on the public.
*Prerequisites: None*

**PHA 270 Sequence IV Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students develop skills in navigating a pharmacy information/software system and are assessed on their knowledge of medications specific to the integumentary system, and the eyes, ears, nose, and throat, including antineoplastic and oncology agents and anti-infective medications.
*Prerequisites: None*

Professional Sequence IV
**PHA 250 Externship**
*Total Course Hours: 240 (0 Theory, 0 Lab, 240 Extern) Semester Credits: 5.0*
This course provides students with opportunities to apply professional skills learned in the classroom.
*Prerequisites: Career Prep and Professional Sequences I, II, III, and IV.*

# Pharmacy Technician - Renton Campus

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level pharmacy technicians through didactic instruction, hands-on laboratory practice, and externship experiences. Among the topics covered in the curriculum are customer service, drug inventory management, prescription preparation that includes training in sterile products and aseptic techniques, and other topics necessary to be effective members of the pharmacy technician team. A sterile products certification course is offered through the National Pharmacy Technician Association/ NPTA as part of the program.

Graduates of this program receive a certificate and are eligible to apply to take national examinations to become certified pharmacy technicians. The courses within the program are acceptable for credit toward PMI's Health Care Administration Associate of Applied Science Degree Program.

**Admissions Requirements:** Refer to the Admissions information in the Prospective Students section of this catalog. All Pharmacy Technician program applicants, prior to beginning classes, must complete and successfully pass a background check evidencing no felony or drug convictions.

| Career Prep Sequence | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSK 100 | Study Skills | 15 | | | 1.0 |
| *CAT 150* | *Anatomy, Physiology, and Terminology* | *55* | | | *3.5* |
| *CCB 100* | *Computer Basics* | | *15* | | *0.5* |
| *CMF 95* | *Math Fundamentals* | *20* | | | *1.0* |
| CHS 100 | CPR and First Aid | 10 | 5 | | 0.5 |
| | **Career Prep Sequence Total** | **100** | **20** | | **6.5** |
| **Professional Sequence I** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 121 | Pharmacy Math | 15 | | | 1.0 |
| PHA 105 | Inventory Maintenance | 15 | | | 1.0 |
| PHA 165 | Pharmacology | 20 | | | 1.0 |
| PHA 180 | Pharmacy Law and Ethics | 22 | | | 1.0 |
| PHA 150 | Sequence I Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence I Total** | **72** | **48** | | **5.5** |
| **Professional Sequence II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 131 | Pharmacy Math | 20 | | | 1.0 |
| PHA 170 | Pharmacy Technician Duties | 27 | | | 1.5 |
| PHA 175 | Pharmacology | 25 | | | 1.5 |
| PHA 190 | Sequence II Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence II Total** | **72** | **48** | | **5.5** |
| **Professional Sequence III** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 141 | Pharmacy Math | 15 | | | 1.0 |
| PHA 245 | Principles of Customer Service | 10 | | | 0.5 |
| PHA 185 | Pharmacology | 25 | | | 1.5 |
| PHA 235 | Pharmacy Laboratory Skills | 22 | | | 1.0 |
| PHA 230 | Sequence III Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence III Total** | **72** | **48** | | **5.5** |
| **Professional Sequence IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 151 | Pharmacy Math | 15 | | | 1.0 |
| PHA 155 | Pharmacy Computer Applications | 10 | 12 | | 1.0 |
| PHA 195 | Pharmacology | 20 | | | 1.0 |
| PHA 265 | Patient Safety | 15 | | | 1.0 |
| PHA 270 | Sequence IV Pharmacy Applications | | 48 | | 1.5 |
| | **Professional Sequence IV Total** | **60** | **60** | | **5.5** |
| **Externship** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| PHA 276 | Pharmacy Technician Certification Review | 40 | | | 2.5 |
| PHA 280 | Externship | | | 160 | 3.5 |
| | **Externship Total** | **40** | | **160** | **6.0** |
| | **Program Total** | **416** | **224** | **160** | **34.5** |

## At a Glance

**Program Type:** Certificate

**Delivery Method:** Hybrid*

**See "Note" on Course Descriptions page*

**Semester Credits:** 34.5

| Program Length | Total |
|---|---|
| Program Hours | 800 |
| **Program Weeks** | |
| Five-Day Schedule | 36 |

## Campus Locations

WA: Renton

# Pharmacy Technician - Renton Campus • Course Descriptions

*Note: Morning course sessions are hybrid with most hours taught on-ground with the exception of PHA 276 being taught online. Evening course sessions are hybrid. Afternoon course sessions may be hybrid or on-ground. For afternoon and evening courses, theory and computer-based lab hours may be taught on-ground, online, and/or hybrid, and all non computer based labs are taught on-ground. Refer to the Prospective Student Handouts for available delivery methods.*

Career Prep Sequence

**CSK 100 Study Skills**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides students an opportunity to learn and adopt methods to promote success in school, work, and life. Topics include strategies to help students develop and improve their skills in time and stress management, reading comprehension and memorization, listening and note taking, and test preparation.
*Prerequisites: None*

**CAT 150 Anatomy, Physiology, and Terminology**
*Total Course Hours: 55 (55 Theory, 0 Lab, 0 Extern) Semester Credits: 3.5*
This course is designed to provide students with a basic knowledge of anatomy, physiology, and medical terminology. Medical terms are learned within the context of the structures and functions of the body systems (integumentary, musculoskeletal, nervous, endocrine, lymphatic, immune, cardiovascular, respiratory, digestive, urinary, reproductive) and the senses. Content also addresses pathology, procedures, and medications involved in treatment.
*Prerequisites: None*

**CCB 100 Computer Basics**
*Total Course Hours: 15 (0 Theory, 15 Lab, 0 Extern) Semester Credits: 0.5*
Through demonstration and hands-on experience, students gain a general understanding of computers. In addition, hardware, software, Microsoft products, and internet use are explained.
*Prerequisites: None*

**CMF 95 Math Fundamentals**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
The course reviews basic mathematical skills including whole numbers, fractions, decimals, proportions, ratios, percentages, combined applications, and measurement systems. It provides students with a solid foundation for higher math concepts.
*Prerequisites: None*

**CHS 100 CPR and First Aid**
*Total Course Hours: 15 (10 Theory, 5 Lab, 0 Extern) Semester Credits: 0.5*
This course follows recognized standards that are designed to prepare students to provide basic first aid assistance and cardiopulmonary resuscitation (CPR) for adults, children, and infants. Students learn how to perform as an effective team member during multi-rescuer CPR situations and how to demonstrate the proper use of an automated external defibrillator (AED).
*Prerequisites: None*

Professional Sequence I

**PHA 121 Pharmacy Math**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes mathematical concepts for pharmaceutical and business-math calculations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 105 Inventory Maintenance**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes procedures and systems for inventory management of medications, equipment, supplies, and devices in the pharmacy setting. Students learn standard procedures and documentation requirements for purchasing, receiving, and monitoring inventory along with proper identification, storage, and disposal of medications.
*Prerequisites: None*

**PHA 165 Pharmacology**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course examines the anatomy, physiology, pathology, and pharmacology of the muscular, skeletal, and nervous systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.
*Prerequisites: None*

**PHA 180 Pharmacy Law and Ethics**
*Total Course Hours: 22 (22 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides an overview of legal requirements and ethical considerations pertinent to pharmacy technicians. Topics include federal and state statutes that regulate the pharmacy industry, agencies responsible for regulatory enforcement, and codes of ethics for pharmacy professionals.
*Prerequisites: None*

# Pharmacy Technician - Renton Campus• Course Descriptions

**PHA 150 Sequence I Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students are assessed on their knowledge of inventory control and recordkeeping with a focus on medications specific to the muscular, skeletal, and nervous systems.
*Prerequisites: None*

Professional Sequence II
**PHA 131 Pharmacy Math**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes mathematical concepts for pharmaceutical calculations used in reconstitutions, dilutions, and concentrations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 170 Pharmacy Technician Duties**
*Total Course Hours: 27 (27 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course introduces students to the tasks and responsibilities of pharmacy technicians as well as expectations for professionalism in the work environment. Topics include types of pharmacy practice settings, health care team interactions, time and stress management, prescription related matters, insurance claims, and recordkeeping practices.
*Prerequisites: None*

**PHA 175 Pharmacology**
*Total Course Hours: 25 (25 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course examines the anatomy, physiology, pathology, and pharmacology of the gastrointestinal, respiratory, and cardiovascular systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration as well as hematological agents used to treat blood disorders and diseases.
*Prerequisites: None*

**PHA 190 Sequence II Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students participate in various role-play scenarios designed to engage and enhance critical thinking and problem-solving skills relevant to pharmacy practice settings. In addition, students are assessed on their knowledge of medications specific to the gastrointestinal, respiratory, cardiovascular, and hematologic systems.
*Prerequisites: None*

Professional Sequence III
**PHA 141 Pharmacy Math**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course reviews mathematical concepts for pharmaceutical and intravenous (IV) calculations. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 245 Principles of Customer Service**
*Total Course Hours: 10 (10 Theory, 0 Lab, 0 Extern) Semester Credits: 0.5*
This course introduces students to customer service abilities expected of pharmacy technicians. Topics include how to convey a professional image in the work place, communication modes and strategies for various customer and health care team interactions, listening and speaking techniques, and cultural competency awareness.
*Prerequisites: None*

**PHA 185 Pharmacology**
*Total Course Hours: 25 (25 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course examines the anatomy, physiology, pathology, and pharmacology of the urinary, endocrine, lymphatic, and reproductive systems. Content addresses the therapeutic effects of prescription and nonprescription medications as well as alternative therapies associated with these systems. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.
*Prerequisites: None*

**PHA 235 Pharmacy Laboratory Skills**
*Total Course Hours: 22 (22 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides students with hands-on opportunities to develop and practice pharmacy technician skills in a simulated pharmacy environment. Topics range from sterile/nonsterile compounding procedures to preparing and dispensing various forms of medications according to industry standards. Special emphasis is placed on infection control, strategies to prevent medication errors, and quality assurance in the pharmacy setting.
*Prerequisites: None*

**PHA 230 Sequence III Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students participate in activities designed to develop and enhance effective customer service skills in a simulated pharmacy environment. They also practice sterile and non-sterile compounding skills and become familiar with the pharmacy-related equipment used in compounding. Students are also assessed on their knowledge and application of medications specific to the urinary, endocrine, lymphatic, and reproductive systems.
*Prerequisites: None*

Professional Sequence IV
**PHA 151 Pharmacy Math**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course emphasizes mathematical concepts for pharmaceutical calculations involving body weight and mass. Students apply their knowledge to learn and practice the types of calculations required of pharmacy technicians in the pharmacy setting.
*Prerequisites: None*

**PHA 155 Pharmacy Computer Applications**
*Total Course Hours: 22 (10 Theory, 12 Lab, 0 Extern) Semester Credits: 1.0*
This course explores the role of technology and pharmacy software systems in the pharmacy environment. Topics include collection, entry, storage, retrieval, and transmission of customer/patient, physician, and drug-related data.
*Prerequisites: None*

**PHA 195 Pharmacology**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course examines the anatomy, physiology, pathology, and pharmacology of the integumentary system and the eyes, ears, nose, and throat. Content addresses the therapeutic effects of prescription and nonprescription medications, including antineoplastic and oncology agents, anti-infective medications, and alternative therapies associated with these body structures. Topics include drug interactions, dosages, indications, contraindications, and routes of administration.
*Prerequisites: None*

**PHA 265 Patient Safety**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course examines the role of the pharmacy technician in ensuring patient safety. Topics include strategies to prevent medication errors and ensure quality assurance in the pharmacy setting. Content also addresses prescription drug abuse and its impact on the public.
*Prerequisites: None*

**PHA 270 Sequence IV Pharmacy Applications**
*Total Course Hours: 48 (0 Theory, 48 Lab, 0 Extern) Semester Credits: 1.5*
This lab-based course provides students with hands-on opportunities to apply what they have learned in their lecture courses. Students develop skills in navigating a pharmacy information/software system and are assessed on their knowledge of medications specific to the integumentary system, and the eyes, ears, nose, and throat.
*Prerequisites: None*

Externship Sequence
**PHA 276 Pharmacy Technician Certification Review**
*Total Course Hours: 40 (40 Theory, 0 Lab, 0 Extern) Semester Credits: 2.5*
This course is designed to prepare students for the Pharmacy Technician Certification
Exam (PTCE) or the National Healthcareer Association (NHA) Exam for the Certification of Pharmacy Technicians (ExCPT). Students will review material necessary to prepare them for entry level practice as a pharmacy technician.
*Prerequisites: Professional Sequences I, II, III, and IV.*

**PHA 280 Externship**
*Total Course Hours: 160 (0 Theory, 0 Lab, 160 Extern) Semester Credits: 3.5*
This course provides students with opportunities to apply professional skills learned in the classroom.
*Prerequisites: Career Prep and Professional Sequences I, II, III, and IV. In the state of Washington, students must be registered pharmacy assistants to be eligible to participate in externship.*

# Phlebotomy Technician

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level phlebotomy technicians through didactic instruction, hands-on laboratory practice, and externship experiences. Among the topics covered in the curriculum are vacutainer and syringe blood-drawing methods, specimens processing, and other topics necessary to be effective members of the phlebotomy technician team.

Graduates of this program receive a certificate.

**Admissions Requirements:** Refer to the Admissions information in the Prospective Students section of this catalog.

| Sequence I | | | | | | |
|---|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** | **Contact Hours** |
| CSK 100 | Study Skills | 15 | | | 1.0 | 15 |
| CHS 100 | CPR and First Aid | 10 | 5 | | 0.5 | 15 |
| PHL 101 | Anatomy and Physiology/Medical Terminology | 15 | | | 1.0 | 15 |
| PHL 102 | Introduction to Laboratory and Communication | 15 | 5 | | 1.0 | 20 |
| PHL 103 | Phlebotomy | 15 | 60 | | 3.0 | 75 |
| | **Total** | **70** | **70** | | **6.5** | **140** |

| Externship | | | | | | |
|---|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** | **Contact Hours** |
| PHL 200 | Externship | | | 160 | 3.5 | 160 |
| | **Externship Total** | | | **160** | **3.5** | **160** |
| | **Program Total** | **70** | **70** | **160** | **10.0** | **300** |

**CSK 100 Study Skills**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides students an opportunity to learn and adopt methods to promote success in school, work, and life. Topics include strategies to help students develop and improve their skills in time and stress management, reading comprehension and memorization, listening and note taking, and test preparation.
*Prerequisites: None*

**CHS 100 CPR and First Aid**
*Total Course Hours: 15 (10 Theory, 5 Lab, 0 Extern) Semester Credits: 0.5*
This course follows recognized standards that are designed to prepare students to provide basic first aid assistance and cardiopulmonary resuscitation (CPR) for adults, children, and infants. Students learn how to perform as an effective team member during multi-rescuer CPR situations and how to demonstrate the proper use of an automated external defibrillator (AED).
*Prerequisites: None*

**PHL 101 Anatomy and Physiology/Medical Terminology**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides the basic knowledge of medical terminology, anatomy, and physiology that is required of a phlebotomist.
*Prerequisites: None*

**PHL 102 Introduction to Laboratory and Communication**
*Total Course Hours: 20 (15 Theory, 5 Lab, 0 Extern) Semester Credits: 1.0*
This course provides an overview of the laboratory and the types of communication skills expected of phlebotomists in the workplace. Students explore the care and use of laboratory equipment, procedures for collecting non-blood specimens, and how to interpret physicians' orders and various reports. Content also addresses ethical and legal aspects of the profession and the types of computer skills typically required of phlebotomists.
*Prerequisites: None*

**PHL 103 Phlebotomy**
*Total Course Hours: 75 (15 Theory, 60 Lab, 0 Extern) Semester Credits: 3.0*
This course instructs students in methods of venipuncture and other blood-collecting techniques, including the use of vacutainers, blood cultures, syringes, microtainers for finger and heel sticks, and butterflies. Students participate in hands-on activities to learn and practice various skills phlebotomists are expected to perform in the field. Content also emphasizes safety standards and addresses point-of-care testing procedures.
*Prerequisites: None*

**PHL 200 Externship**
*Total Course Hours: 160 (0 Theory, 0 Lab, 160 Extern) Semester Credits: 3.5*
This course provides students with opportunities to apply professional skills learned in the classroom.
*Prerequisites: All Phlebotomy Technician Courses*

## At a Glance

**Program Type:** Certificate

**Delivery Method:** On-ground

**Contact Hours:** 300.0

| Program Length | Total |
|---|---|
| Program Hours | 300 |
| **Program Weeks** | |
| Five-Day Schedule | 11 |
| Four-Day Schedule | 13 |

## Campus Locations

AZ: East Valley, Phoenix, Tucson
TX: El Paso, Houston, San Antonio
WA: Renton

# Practical Nursing

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level practical nurses through didactic instruction, hands-on laboratory practice, and clinical experiences. Among the topics covered in the curriculum are anatomy and physiology, growth and development, pharmacology, nursing theory, skills for patient care across the lifespan, and other topics necessary for students to acquire the knowledge and skills they need to perform as eff ective members of the practical nursing team.

Graduates of this program are granted a certifi cate and are eligible to apply to take the National Council on Licensure Examination (NCLEX-PN®). Those who pass the NCLEX-PN® are qualifi ed for state licensure or registration as a practical nurse.

**Admission Requirements:** In addition to the Admissions requirements in the Prospective Students section of this catalog, applicants must achieve a minimum score on the Pre-Entrance HESI Exam-PN®. An interview with the program director and/or faculty and other criteria may be required. Refer to the program specifi c Prospective Student Handout for more information.

| Sequence I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *MTH 127* | *Med Math* | *16* | | | *1.0* |
| *CMT 102* | *Medical Terminology* | *16* | | | *1.0* |
| *HUN 100* | *Nutrition* | *16* | | | *1.0* |
| *ENG 115* | *Communication and Composition* | *32* | | | *2.0* |
| *BIO 112* | *Anatomy and Physiology I* | *24* | *16* | | *2.0* |
| NUR 104 | Strategies for PN Success | 16 | | | 1.0 |
| | **Sequence I Total** | **120** | **16** | | **8.0** |

| Sequence II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *BIO 113* | *Anatomy and Physiology II* | *24* | *16* | | *2.0* |
| NUR 105 | Introduction to Nursing and Pharmacology | 48 | 40 | | 4.0 |
| | **Sequence II Total** | **72** | **56** | | **6.0** |

| Sequence III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *BIO 116* | *Anatomy and Physiology III* | *24* | *16* | | *2.0* |
| NUR 150 | Elder Care and Nursing Theory | 64 | 16 | | 4.5 |
| NUR 151 | Clinical Foundations of Nursing I | | | 95 | 2.0 |
| | **Sequence III Total** | **88** | **32** | **95** | **8.5** |

| Sequence IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *BIO 117* | *Anatomy and Physiology IV* | *24* | *16* | | *2.0* |
| NUR 160 | Adult Medical and Surgical Community Health Nursing Theory | 48 | 16 | | 3.5 |
| NUR 161 | Clinical Foundations of Nursing II | | | 95 | 2.0 |
| | **Sequence IV Total** | **72** | **32** | **95** | **7.5** |

| Sequence V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *PSY 120* | *Human Development Across the Life Span* | *32* | | | *2.0* |
| NUR 170 | Maternal Child Nursing Theory | 48 | 16 | | 3.5 |
| NUR 171 | Clinical Foundations of Nursing III | | | 95 | 2.0 |
| | **Sequence V Total** | **80** | **16** | **95** | **7.5** |

| Sequence VI | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| NUR 180 | Pharmacology - Intravenous Therapy | 24 | 16 | | 2.0 |
| NUR 200 | Role Transition | 32 | | | 2.0 |
| NUR 205 | Clinical Foundations of Nursing IV | | | 120 | 2.5 |
| | **Sequence VI Total** | **56** | **16** | **120** | **6.5** |
| | **Program Total** | **488** | **168** | **405** | **44.0** |

## At a Glance

**Program Type:** Certificate

**Delivery Method:** On-ground or hybrid*
**See "Note" on Course Descriptions page.*

**Semester Credits:** 44.0

| Program Length | Total |
|---|---|
| Program Hours | 1,061 |
| **Program Weeks** | |
| Five-Day Schedule | 48 |

## Campus Locations

CO: Aurora (This program is not regulated by DPOS)
NM: Albuquerque

# Practical Nursing • Course Descriptions

*Note: Hybrid delivery is offered only at Albuquerque campus. Refer to the Prospective Student Handout at this campus for course-specific delivery methods in this hybrid program.*

Sequence I

**MTH 127 Med Math**
*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course presents calculation, conversion, and computation of fractions, decimals, ratios, proportions, percents, measurements, abbreviations, and data analysis. It also acquaints the student with the skills important for the health professional's application and critical thinking necessary for safe dosage calculations.
*Prerequisites: None*

**CMT 102 Medical Terminology**
*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
The course focuses on the development of a basic framework for the language of medicine. Through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes, students learn to create, analyze, and apply medical terms.
*Prerequisites: None*

**HUN 100 Nutrition**
*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course acquaints students entering health professions with each of the major nutrients, nutritional requirements, methods used for planning nutritionally adequate and healthy diets, and nutrition needs throughout the life span. Current nutrition issues/controversies will be discussed.
*Prerequisites: None*

**ENG 115 Communication and Composition**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, health literacy, cultural diversity, and professional courtesy.
*Prerequisites: None*

**BIO 112 Anatomy and Physiology I**
*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*
This course provides students with the knowledge of the structure and function of the human body. Course content includes the organization of the human body including an introduction to each of the body systems, beginning with cellular structure. Other topics include the integumentary and musculoskeletal systems, disease and disease-producing organisms, and infectious diseases.
*Prerequisites: Sequence I*

**NUR 104 Strategies for PN Success**
*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course provides an opportunity to learn and adopt methods to promote success in school, work, and life. Topics include time management, reading skills, test-taking techniques, goal setting, and stress management.
*Prerequisites: None*

Sequence II

**BIO 113 Anatomy and Physiology II**
*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*
This course provides students with the knowledge of the structure and function of the human body. Content focuses on the nervous, sensory, digestive, and urinary systems as well as fluids and electrolytes. Other course topics include benign and malignant cancers.
*Prerequisites: Sequence I*

**NUR 105 Introduction to Nursing and Pharmacology**
*Total Course Hours: 88 (48 Theory, 40 Lab, 0 Clinical) Semester Credits: 4.0*
This course introduces the role of the practical nurse and basic nursing. The historical perspective and elements of nursing as outlined by various nursing theories provide a framework for developing critical thinking in approaching health care. Additional topics include ethical/legal responsibilities, the PN scope of practice, state specific nurse practice acts, the nursing process, patient education, and basic needs. The course also provides the foundational knowledge and principles of pharmacology.
*Prerequisites: Sequence I*

Sequence III

**BIO 116 Anatomy and Physiology III**
*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*
This course provides students with the knowledge of the structure and function of the human body. Content focuses on blood and the cardiovascular, respiratory, and endocrine systems.
*Prerequisites: Sequences I and II*

**NUR 150 Elder Care and Nursing Theory**
*Total Course Hours: 80 (64 Theory, 16 Lab, 0 Clinical) Semester Credits: 4.5*
This course addresses the nursing theory, pharmacology concepts, and the skills required to collect data and contribute to a basic physical assessment. Students will focus on caring for the aging population while providing culturally sensitive care and promoting independence. This course will also discuss the physical and cognitive changes that occur in the elderly. Students have opportunities to practice and demonstrate competency in simulated, interactive, and virtual settings.
*Prerequisites: Sequence II; Concurrent enrollment in NUR 151 Clinical Foundations of Nursing I*

# Practical Nursing • Course Descriptions

**NUR 151 Clinical Foundations of Nursing I**
*Total Course Hours: 95 (0 Theory, 0 Lab, 95 Clinical) Semester Credits: 2.0*
This course provides the student with opportunities to apply concepts covered in the *Elder Care and Nursing Theory* course. Application includes clinical practice and competency/performance testing in simulated, interactive, and virtual settings.
*Prerequisites: Sequence II; Concurrent enrollment in NUR 150 Elder Care and Nursing Theory*

Sequence IV
**BIO 117 Anatomy and Physiology IV**
Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0
This course provides students with knowledge of the structure and function of the human body. Content includes the male and female reproductive systems, development and birth, and heredity and hereditary diseases. Additional emphasis is placed on the lymphatic system and immunity.
*Prerequisites: Sequences I, II, and III*

**NUR 160 Adult Medical and Surgical Community Health Nursing Theory**
*Total Course Hours: 64 (48 Theory, 16 Lab, 0 Clinical) Semester Credits: 3.5*
This course addresses the nursing theory, pharmacology concepts, and skills required to collect data and contribute to a basic physical assessment of adults with various medical/surgical conditions. Emphasis is placed on cardiovascular, hematopoietic, respiratory, and endocrine systems. Concepts of community-based nursing services are explored. Students will have opportunities to practice and demonstrate competency in simulated, interactive, and virtual settings.
*Prerequisites: Sequences II and III; Concurrent enrollment in NUR 161 Clinical Foundations of Nursing II*

**NUR 161 Clinical Foundations of Nursing II**
*Total Course Hours: 95 (0 Theory, 0 Lab, 95 Clinical) Semester Credits: 2.0*
This course provides students with opportunities to apply concepts covered in the *Adult Medical and Surgical Community Health Nursing Theory* course. Clinical hours take place in various settings, including clinics, physician offices, community health care settings, and medical/surgical care agencies. Application includes clinical practice and competency/performance testing in simulated, interactive, and virtual settings.
*Prerequisites: Sequences II and III; Concurrent enrollment in NUR 160 Adult Medical and Surgical Community Health Nursing Theory*

Sequence V
**PSY 120 Human Development Across the Life Span**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course addresses physical, cognitive, social, emotional, and psychosexual components of human growth and development from birth to death. Topics include analysis of activities that are directed toward developing, sustaining, and enhancing wellness during all stages of development in the journey toward psychosocial maturity. Students will explore the history and theories of growth and development, including the impact of ethnic, gender, and cultural factors on the process. The course provides opportunities for students to develop an understanding of shared decision-making among family, provider, and community.
*Prerequisites: None*

**NUR 170 Maternal Child Nursing Theory**
*Total Course Hours: 64 (48 Theory, 16 Lab, 0 Clinical) Semester Credits: 3.5*
This course provides knowledge of nursing theory, pharmacology concepts, and the skills required to collect data and contribute to a basic physical assessment, all of which will be applied during the study of the pregnancy and the birth process. Focus is on the pediatric population from birth to adulthood. Discussion will also include the immune, lymphatic, and reproductive systems. Students have opportunities to practice and demonstrate competency in simulated, interactive, and virtual settings.
*Prerequisites: Sequences II, III, and IV; Concurrent enrollment in NUR 171 Clinical Foundations of Nursing III*

**NUR 171 Clinical Foundations of Nursing III**
*Total Course Hours: 95 (0 Theory, 0 Lab, 95 Clinical) Semester Credits: 2.0*
This course provides students with opportunities to apply concepts from all current and prior nursing courses in a variety of clinical settings. Clinical hours are provided in pediatric, obstetric, community health, and adult medical/surgical facilities. Application includes clinical practice and competency/performance testing in simulated, interactive, and virtual settings.
*Prerequisites: Sequences II, III, and IV; Concurrent enrollment in NUR 170 Maternal Child Nursing Theory*

Sequence VI
**NUR 180 Pharmacology - Intravenous Therapy**
*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*
This course focuses on intravenous (IV) therapy, including the fundamentals of fluid administration, premixed IV fluids containing electrolytes and vitamins, and premixed antibiotic solutions. Students develop and apply their knowledge of pharmacology concepts in the skills lab.
*Prerequisites: Sequences I, II, III, IV, and V*

**NUR 200 Role Transition**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course is designed to prepare the student for the *National Council Licensure Examination for Practical/Vocational Nurses (NCLEX-PN®)* and professional practice by providing a comprehensive review of technical coursework, mock examinations, and appropriate test-taking strategies.
*Prerequisites: Sequences I, II, III, IV, and V*

**NUR 205 Clinical Foundations of Nursing IV**
*Total Course Hours: 120 (0 Theory, 0 Lab, 120 Clinical) Semester Credits: 2.5*
This course provides students with opportunities to apply learned theories and skills in a variety of clinical settings under the supervision of a qualified nursing faculty member. Students are given the opportunity to develop and implement a leadership project in collaboration with the clinical agency.
*Prerequisites: Sequences I, II, III, IV, and V*

# Sterile Processing Technician

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level sterile processing technicians through didactic instruction, hands-on laboratory practice, and externship experiences. Among the topics covered in the curriculum are surgical instruments, microbiology, medical equipment, surgical terminology, storage and distribution, skills required for sterilization and decontamination, and other topics necessary to be effective members of the sterile processing technician team.

Graduates of this program receive a certificate and are eligible to apply to take the Certified Registered Central Service Technician examination through the Healthcare Sterile Processing Association. The courses within the program are acceptable for credit toward PMI's Health Care Administration Associate of Applied Science Degree Program.

**Admissions Requirements:** Refer to the Admissions information in the Prospective Students section of this catalog.

| Career Prep Sequence | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSK 100 | Study Skills | 15 | | | 1.0 |
| *CAT 150* | *Anatomy, Physiology, and Terminology* | *55* | | | *3.5* |
| *CCB 100* | *Computer Basics* | | *15* | | *0.5* |
| *CMF 95* | *Math Fundamentals* | *20* | | | *1.0* |
| CHS 100 | CPR and First Aid | 10 | 5 | | 0.5 |
| | **Career Prep Sequence Total** | **100** | **20** | | **6.5** |

| Professional Sequence I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSP 100 | Principles and Practices of Sterile Processing | 30 | | | 2.0 |
| CSP 105 | Surgical Instruments | 30 | 30 | | 3.0 |
| CSP 110 | Microbiology and Infection Control | 30 | | | 2.0 |
| | **Professional Sequence I Total** | **90** | **30** | | **7.0** |

| Professional Sequence II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSP 120 | Sterilization Procedures and Practice | 45 | 45 | | 4.5 |
| CSP 130 | Storage and Distribution | 15 | 15 | | 1.5 |
| | **Professional Sequence II Total** | **60** | **60** | | **6.0** |

| Professional Sequence III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSP 115 | Surgical Terminology | 30 | | | 2.0 |
| CSP 140 | Decontamination Procedures and Practice | 30 | 45 | | 3.5 |
| CSP 150 | Medical Equipment | 15 | | | 1.0 |
| | **Professional Sequence III Total** | **75** | **45** | | **6.5** |

| Externship | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| CSP 180 | Externship | | | 400 | 8.5 |
| CSP 190 | Certification Review | 20 | | | 1.0 |
| | **Externship Total** | **20** | | **400** | **9.5** |

| | | | | | |
|---|---|---|---|---|---|
| | **Program Total** | **345** | **155** | **400** | **35.5** |

## At a Glance

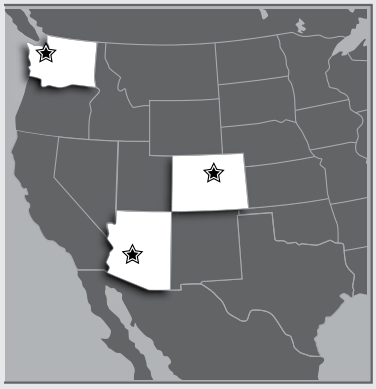
**Program Type:** Certificate

**Delivery Method:** On-ground, online, and/or hybrid*
**See "Note" on Course Descriptions page*

**Semester Credits:** 35.5

| Program Length | Total |
|---|---|
| Program Hours | 900 |
| **Program Weeks** | |
| Five-Day Schedule | 35 |
| Four-Day Schedule | 39 |

## Campus Locations



AZ: Phoenix
CO: Denver
WA: Seattle

# Sterile Processing Technician • Course Descriptions

*Note: Hybrid delivery is offered at the Phoenix and Seattle campsuses Refer to the Prospective Student Handout at these campuses for course-specific delivery methods in these hybrid programs.*

Career Prep Sequence

**CSK 100 Study Skills**

*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*

This course provides students an opportunity to learn and adopt methods to promote success in school, work, and life. Topics include strategies to help students develop and improve their skills in time and stress management, reading comprehension and memorization, listening and note taking, and test preparation.

*Prerequisites: None*

**CAT 150 Anatomy, Physiology, and Terminology**

*Total Course Hours: 55 (55 Theory, 0 Lab, 0 Extern) Semester Credits: 3.5*

This course is designed to provide students with a basic knowledge of anatomy, physiology, and medical terminology. Medical terms are learned within the context of the structures and functions of the body systems (integumentary, musculoskeletal, nervous, endocrine, lymphatic, immune, cardiovascular, respiratory, digestive, urinary, reproductive) and the senses. Content also addresses pathology, procedures, and medications involved in treatment.

*Prerequisites: None*

**CCB 100 Computer Basics**

*Total Course Hours: 15 (0 Theory, 15 Lab, 0 Extern) Semester Credits: 0.5*

Through demonstration and hands-on experience, students gain a general understanding of computers. In addition, hardware, software, Microsoft products, and internet use are explained.

*Prerequisites: None*

**CMF 95 Math Fundamentals**

*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*

The course reviews basic mathematical skills including whole numbers, fractions, decimals, proportions, ratios, percentages, combined applications, and measurement systems. It provides students with a solid foundation for higher math concepts.

*Prerequisites: None*

**CHS 100 CPR and First Aid**

*Total Course Hours: 15 (10 Theory, 5 Lab, 0 Extern) Semester Credits: 0.5*

This course follows recognized standards that are designed to prepare students to provide basic first aid assistance and cardiopulmonary resuscitation (CPR) for adults, children, and infants. Students learn how to perform as an effective team member during multi-rescuer CPR situations and how to demonstrate the proper use of an automated external defibrillator (AED).

*Prerequisites: None*

Professional Sequence I

**CSP 100 Principles and Practices of Sterile Processing**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*

This course introduces the primary responsibilities of the sterile processing technician. Students learn the importance of the central service and sterile processing departments. Topics include job duties, career growth, and professional development, along with federal regulations and professional and safety standards required for the successful management of the central sterile processing department. Students also explore communication and human relations skills as they relate to the central service and sterile processing departments.

*Prerequisites: None*

**CSP 105 Surgical Instruments**

*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Extern) Semester Credits: 3.0*

This course addresses basic and complex surgical instrumentation, with a focus on how instruments are manufactured, structured, classified, and categorized based on function. Students learn to identify instrument damage and malfunction as well as care and maintenance of complex surgical instruments, including powered and endoscopic instrumentation. Lab time emphasizes review and identification of surgical instruments.

*Prerequisites: None*

**CSP 110 Microbiology and Infection Control**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*

This course provides an overview of microbiology for central service professionals. Students learn basic facts about the identification, classification, and transmission of microorganisms and non-bacterial organisms. Topics include control and destruction of microorganisms, infection prevention, and standard precautions, including the OSHA Bloodborne Pathogens Standard and the five principles of asepsis.

*Prerequisites: None*

Professional Sequence II

**CSP 120 Sterilization Procedures and Practice**

*Total Course Hours: 90 (45 Theory, 45 Lab, 0 Extern) Semester Credits: 4.5*

*T*his course addresses the techniques and protocols for processing instrumentation and supplies for use in the sterile environment. Students learn sterile packaging and storage, high and low temperature sterilization methods, and point-of-use processing. Topics include preparation of pack contents, packaging procedures, storage, and transport, as well as steam, dry heat, and chemical sterilization. Students review the parameters involved with each form of sterilization and practice of these techniques in the lab setting.

*Prerequisites: None*

# Sterile Processing Technician • Course Descriptions

**CSP 130 Storage and Distribution**
*Total Course Hours: 30 (15 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course emphasizes the importance of inventory management and storage. Students learn the importance of managing inventory through the discussion of inventory replenishment systems, automated tracking systems, and important inventory management concepts. Additional topics include management of patient care equipment, the surgical case cart system, and the use of quality assurance in central service operations.
*Prerequisites: None*

Professional Sequence III
**CSP 115 Surgical Terminology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides students with the medical terminology, vocabulary, and abbreviations used in central sterile processing and surgical settings. Students build on the knowledge they acquired in CAT 150 to learn and identify surgical terms and abbreviations.
*Prerequisites: CAT 150 Anatomy, Physiology, and Terminology*

**CSP 140 Decontamination Procedures and Practice**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Extern) Semester Credits: 3.5*
This course presents the techniques and protocol for the cleaning, disinfection, and decontamination of surgical instrumentation. Content addresses personal protective equipment, basic instrument cleaning procedures, and point-of-use preparation and transport. Lab time emphasizes practice of these techniques.
*Prerequisites: None*

**CSP 150 Medical Equipment**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course covers the management and maintenance of patient care equipment. Students learn the basic types of patient care equipment and how to properly handle, clean, and disinfect soiled equipment. Topics include procuring new and additional equipment and the importance of monitoring and recordkeeping.
*Prerequisites: None*

Externship Sequence
**CSP 180 Externship**
*Total Course Hours: 400 (0 Theory, 0 Lab, 400 Extern) Semester Credits: 8.5*
This course provides hands-on clinical experience in a hospital and/or surgery center. Students apply the knowledge they acquired in the didactic portion of the program to the workplace and hone their skills in patient care equipment, general cleaning, wrapping/packaging, assembling instrument sets, sterilization, storage and cleaning, case carts, distribution, and miscellaneous duties. This externship meets the clinical hour requirements to sit for the Healthcare Sterile Processing Association certification exam.
*Prerequisites: Career Prep and Professional Sequences I, II, and III*

**CSP 190 Certification Review**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course prepares students for the Healthcare Sterile Processing Association certification exam. Students who pass the exam obtain the CRCST (Certified Registered Central Service Technician) credential.
*Prerequisites: Career Prep and Professional Sequences I, II, and III*

I heard about Pima Medical Institute from my aunt who had graduated from the Pharmacy Technician program and recommended I consider attending one of their programs. I ended up choosing the Sterile Processing Technician program because I enjoy working with my hands and I like tools. It just seemed like a natural fit for me.

I had a very positive experience in my program. Working full-time and commuting to and from class five days a week was probably my biggest challenge. I appreciated how the instructors took a personal interest in our success. It was a very supportive environment and I felt very well prepared to being working in my new sterile processing career. The program certainly gave me the skills I needed to hit the ground running and really prove myself. I was hired where I had completed my externship.

Since graduating in 2017, I've been steadily climbing the ladder from my start as a technician to my current role as Central Sterile Department Manager. I feel the sky is the limit in terms of my future. I am eagerly moving toward whatever opportunities present themselves.

Pima Medical Institute gave me my start in the medical field and it was one of the best decisions I have ever made!

Arthur Zamora
Certificate, Sterile Processing Technician, Phoenix Campus

# Dental Hygiene - Albuquerque Campus

**Objective:** The Dental Hygiene program prepares students to become competent entry-level dental hygienists through a combination of didactic instruction, hands-on laboratory practice, and clinical experiences. The curriculum develops intrapersonal and professional skills essential for delivering comprehensive oral healthcare and promoting oral and systemic health in diverse populations. Students acquire knowledge and skills in areas such as anatomy and physiology, periodontology, dental practice management, dental hygiene law and ethics, general and oral pathology, patient management, pharmacology, public health dentistry, and radiology. Emphasizing critical thinking, evidence-based practices, and professional values, the program prepares graduates to function as effective members of a professional dental care team, advocate for patient-centered care, and engage in lifelong learning.

Graduates earn an Associate of Applied Science Degree and are eligible to apply for the National Board Dental Hygiene Examination (NBDHE) and other board examinations required for state licensure.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid

**Semester Credits:** 81.5

| Program Length | Total |
|---|---|
| Program Hours | 1,695 |
| Program Weeks | 90 |
| Program Semesters (15 weeks per semester) | 6 |

## Campus Locations

NM: Albuquerque

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *CCM 145* | *Communications and Composition* | *30* | | | *2.0* |
| *BIO 115* | *Anatomy and Physiology* | *45* | *30* | | *4.0* |
| *BIO 145* | *Microbiology and Immunology* | *45* | | | *3.0* |
| *PSY 125* | *Psychology* | *30* | | | *2.0* |
| *SOC 110* | *Sociology* | *30* | | | *2.0* |
| | **Semester I Total** | **180** | **30** | | **13.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *CHM 125* | *Chemistry/Biochemistry* | *45* | | | *3.0* |
| RDH 186 | Dental Anatomy | 45 | | | 3.0 |
| RDH 105 | Introduction to Dental Hygiene | 30 | 15 | | 2.5 |
| RDH 106 | Head and Neck Anatomy | 30 | | | 2.0 |
| RDH 107 | Nutrition and Oral Health | 30 | | | 2.0 |
| | **Semester II Total** | **180** | **15** | | **12.5** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 110 | Preclinical Dental Hygiene | 45 | 90 | | 6.0 |
| RDH 118 | Medical Emergencies | 15 | | | 1.0 |
| RDH 211 | Radiology | 30 | 45 | | 3.5 |
| RDH 218 | Periodontics | 45 | | | 3.0 |
| | **Semester III Total** | **135** | **135** | | **13.5** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 161 | Dental Hygiene I | 45 | | | 3.0 |
| RDH 162 | Clinical Dental Hygiene I | | | 150 | 3.0 |
| RDH 219 | Biomaterials | 30 | 30 | | 3.0 |
| RDH 220 | General/Oral Pathology | 45 | | | 3.0 |
| RDH 260 | Pharmacology for Dental Hygiene | 45 | | | 3.0 |
| | **Semester IV Total** | **165** | **30** | **150** | **15.0** |

| Semester V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 171 | Dental Hygiene II | 45 | | | 3.0 |
| RDH 172 | Clinical Dental Hygiene II | | | 180 | 4.0 |
| RDH 214 | Patient/Pain Management | 30 | 45 | | 3.5 |
| RDH 216 | Treatment of Special Needs Patients | 30 | | | 2.0 |
| RDH 217 | Community and Dental Health Promotion | 45 | | | 3.0 |
| | **Semester V Total** | **150** | **45** | **180** | **15.5** |

| Semester VI | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 221 | Dental Hygiene III | 30 | | | 2.0 |
| RDH 222 | Clinical Dental Hygiene III | | | 180 | 4.0 |
| RDH 226 | Review of Dental Hygiene | 45 | | | 3.0 |
| RDH 291 | Principles of Dental Hygiene Practice | 30 | | | 2.0 |
| RDH 292 | Ethical Decision-Making | 15 | | | 1.0 |
| | **Semester VI Total** | **120** | | **180** | **12.0** |

| | | | | |
|---|---|---|---|---|
| **Program Total** | **930** | **255** | **510** | **81.5** |

# Dental Hygiene—Albuquerque Campus • Course Descriptions

Semester I

**CCM 145 Communications and Composition**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, evaluating culturally diverse points of view, and professional courtesy.
*Prerequisites: None*

**BIO 115 Anatomy and Physiology**
*Total Course Hours: 75 (45 Theory, 30 Lab, 0 Clinical) Semester Credits: 4.0*
This course provides an introduction to the structures and functions of systems within the human body, including integumentary, musculoskeletal, endocrine, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Course content addresses the roles of cellular, tissue, and organ structures within each system and within the human body as a whole.
*Prerequisites: None*

**BIO 145 Microbiology and Immunology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course explores the fundamental principles of microbiology, immunology, and infectious disease transmission. Discussion topics include the characteristics of bacteria, fungi, and viruses and their roles in infectious disease transmission, various laboratory processes, microbial growth, and immunity, among others.
*Prerequisites: None*

**PSY 125 Psychology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces basic concepts in human psychology through an overview of the foundations of the discipline and a more in-depth look at contemporary approaches in the field. Among the many topics included are mental health, well-being, behavior, cognition, personality traits, life-span development, social interactions, and various therapies used to treat psychological disorders.
*Prerequisites: None*

**SOC 110 Sociology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course examines the sociological perspective of human behavior. Content addresses the structure and function of human societies and the interaction of people within societies. Topics include cultural belief systems, economic and political influences, and social classes, among others.
*Prerequisites: None*

Semester II

**CHM 125 Chemistry/Biochemistry**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces the basic concepts of general chemistry as well as organic and inorganic chemistry and biochemistry. Topics include elements and compounds, chemical equations, nomenclature, molecular structure, and the chemistry of proteins, carbohydrates, lipids, and other biological compounds.
*Prerequisites: Semester I courses*

**Introduction to Dental Hygiene**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces the role of a dental hygienist, beginning with the fundamental theoretical concepts of professionalism, law and ethics, oral health and disease, and the dental hygiene process of care.
*Prerequisites: Semester I courses*

**RDH 106 Head and Neck Anatomy**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course explores the anatomical features and functions of the head and neck region within the context of dental hygiene clinical practice. Students acquire in-depth understanding of the head and neck region through examination and identification of associated osteological, muscular, vascular, nervous, and lymphatic structures.
*Prerequisites: Semester I courses*

**RDH 107 Nutrition and Oral Health**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course covers foundational biochemistry of nutrition, specific nutritional requirements throughout the life stages, special requirements for systemic diseases, and how nutrition relates to oral health and disease. These nutritional concepts are then applied to the field of cariology as it relates to the development, function, and progression or reversal of caries. Advanced topics relative to dental caries include pathophysiology, diagnosis, risk assessment, development of appropriate prevention and therapeutic strategies, and trends in caries research.
*Prerequisites: Semester I courses*

**RDH 186 Dental Anatomy**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course provides a foundational understanding of the development and anatomy of human teeth. Course content includes embryonic development, craniofacial development, tooth development and eruption sequences, histologic features of tooth structures, anatomy of the periodontium and salivary structures, and specific morphology of each tooth.
*Prerequisites: Semester I courses*

Semester III
**RDH 110 Preclinical Dental Hygiene**
*Total Course Hours: 135 (45 Theory, 90 Lab, 0 Clinical) Semester Credits: 6.0*
This course begins development of the professional competencies that will be continued throughout the dental hygiene theoretical and clinical curriculum. Among the topics included are clinical policy/procedure, maintaining a safe and aseptic work environment, patient assessment techniques, and duties related to basic instrumentation and equipment.
*Prerequisites: Semesters I and II courses*

**RDH 118 Medical Emergencies**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course is designed to instill a working knowledge of appropriate assessment procedures required to obtain and evaluate patient histories that may indicate patients at risk for medical emergencies in the dental setting. Students analyze case scenarios and apply critical thinking skills to accurately identify, treat, manage, and prevent various emergency situations.
*Prerequisites: Semesters I and II courses*

**RDH 211 Radiology**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Semester Credits: 3.5*
This course provides the student with the scientific principles and clinical applications relating to the performance of dental radiographic procedures. Content emphasizes techniques of exposing, processing, mounting, and critically interpreting intraoral and panoramic radiographs, and provides students with radiation and infection control principles for use in practical applications. Laboratory experience allows students to gain initial radiographic skills that are utilized throughout the clinical courses.
*Prerequisites: Semesters I and II courses*

**RDH 218 Periodontics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course examines the effects of periodontal disease on overall health. Through exploration of the epidemiology, etiology, microbiology, and immunology of various periodontal diseases, students develop skills that enable them to differentiate healthy and diseased periodontium. Further, they will learn to evaluate the extent and severity of the periodontal diseases and develop appropriate clinical treatment recommendations.
*Prerequisites: Semesters I and II courses*

Semester IV
**RDH 161 Dental Hygiene I**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This class continues the theoretic development of dental hygiene skills learned in the preclinical course as well as introducing new topics related to dental hygiene clinical treatment. Topics include patient communication strategies, re-care and periodontal maintenance protocol, the referral process, anxiety management, air-powder polishers, use of power-driven scaling instruments, and dental sealants.
*Prerequisites: Semesters I, II, and III courses*

**RDH 162 Clinical Dental Hygiene I**
*Total Course Hours: 150 (0 Theory, 0 Lab, 150 Clinical) Semester Credits: 3.0*
This course applies previously learned skills in a clinical setting under direct professional supervision. Content emphasizes patient care through the application of assessment techniques, treatment planning, calculus detection, and basic instrumentation and procedures. Students are evaluated with the expectation of demonstrating beginning competency level in direct patient care.
*Prerequisites: Semesters I, II, and III courses*

**RDH 219 Biomaterials**
*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Clinical) Semester Credits: 3.0*
This course is a survey of materials used in dentistry, dental hygiene, and dental laboratory procedures. The chemical and physical properties of dental materials will be discussed with an emphasis on the handling, manipulation, and rationale for use of materials used in dental hygiene and dentistry.
*Prerequisites: Semesters I, II, and III courses*

**RDH 220 General/Oral Pathology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces general pathology concepts relevant to systemic and oral conditions. Discussion topics address recognition, description, and assessment of characteristics that deviate from normal findings. Students apply critical thinking skills to evaluate case studies that include laboratory, clinical, and radiographic data designed to elicit differential diagnoses of oral lesions.
*Prerequisites: Semesters I, II, and III courses*

**RDH 260 Pharmacology for Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course covers the basic components of pharmacology with emphasis on the interaction with the biologic systems in the body as well as those that specifically affect oral health. Topics include therapeutic use, pharmacokinetics, pharmacodynamics, pharmacologic effects, adverse effects, drug interactions, and contraindications, among others.
*Prerequisites: Semesters I, II, and III courses*

Semester V
**RDH 171 Dental Hygiene II**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course applies concepts and principles introduced in earlier dental hygiene courses. Students participate in increasingly complex problem-based learning activities that are designed to develop critical thinking skills and that emphasize appropriate assessment and planning techniques for a variety of practice-related situations. Clinical preparation discussion topics include mock board requirements and patient competencies.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 172 Clinical Dental Hygiene II**
*Total Course Hours: 180 (0 Theory, 0 Lab, 180 Clinical) Semester Credits: 4.0*
This course engages students in increasingly complex cases in which they apply knowledge and skills acquired in earlier semesters. Competencies include patient assessment, management, treatment, and evaluation as well as preventive measures as part of comprehensive patient care efforts. Additional requirements include appropriate patient selection and completion of clinical mock board examinations and a professional case study.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 214 Patient/Pain Management**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Semester Credits: 3.5*
This course conveys a working knowledge of theoretical and practical applications of various physical, chemical, and psychological modalities intended for pain and anxiety management. Topics address the safe, ethical, legal, and proficient administration of local anesthesia and nitrous oxide in the clinical setting.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 216 Treatment of Special Needs Patients**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course explores various assessment and treatment practices for special needs populations. Content focuses on preparing students to evaluate, assess, and then identify appropriate treatment methodologies for patients with medical, physical, and other special considerations. Topics are intended to enhance students' knowledge and understanding of various treatment strategies that are appropriate for a range of special needs situations.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 217 Community and Dental Health Promotion**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces public health concepts relevant to the field of dental hygiene. Content includes epidemiology, disease prevention, and advocacy for community access to dental care, among others. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Student collaboration experiences culminate in designing a community health project that demonstrates understanding of needs assessment, planning, implementation, and outcome evaluations.
*Prerequisites: Semesters I, II, III, and IV courses*

Semester VI
**RDH 221 Dental Hygiene III**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course applies the concepts and principles introduced in earlier dental hygiene courses through problem-based learning activities with an emphasis on self-evaluation and lifelong learning. Topics include student preparation for the clinical board exam, mock board requirements, clinical setting preparation, and licensing requirements.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 222 Clinical Dental Hygiene III**
*Total Course Hours: 180 (0 Theory, 0 Lab, 180 Clinical) Semester Credits: 4.0*
This course assesses clinical competency while developing efficiency in preparation for professional employment. Students assess, plan, treat, and evaluate outcomes for patients with diverse medical, dental, and social histories with minimal assistance from clinical faculty. Students also participate in select clinics designed to simulate private practice settings as well as mock clinical boards.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 226 Review of Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course provides a comprehensive review of the theory, concepts, and techniques taught in the preceding semesters to prepare students for the National Board Dental Hygiene Examination. Students participate in study groups to identify study topics, discuss case studies, and review practice questions.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 291 Principles of Dental Hygiene Practice**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course reinforces knowledge of prior content with a focus on career readiness. Students prepare for their transition from an academic setting to the dental practice environment through various activities designed to enhance opportunities for employment. Discussion topics include practice management, legal and ethical principles, and professional responsibilities and expectations.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 292 Ethical Decision-Making**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course explores ethical principles outlined in the dental hygiene code of ethics. Topics include employer/employee rights and responsibilities, civil and criminal law concepts relative to the field of dental hygiene, and risk management strategies to reduce legal risks associated with dental hygiene practice, among others. Students evaluate and differentiate between professionalism and ethics and discuss their roles in decision-making processes.
*Prerequisites: Semesters I, II, III, IV, and V courses*

The Dental Hygiene program at Pima Medical Institute has given me the key to unlock my dreams and to give my family the life I've always wanted for them. I moved to Albuquerque with my two young children after going through a difficult divorce. I already had a bachelor's degree from a university, but I found it nearly impossible to find a job. I knew I would need to go back to school. As a newly single mother of two trying to find a way to start a career, my options were slim. Pima Medical Institute offered me that option with their accelerated Dental Hygiene program. After researching and learning about their outstanding staff and program, I was confident I had found my path.

The program was extremely challenging and the staff and my fellow classmates bonded quickly. I immediately felt the push and support needed to persevere through the two years of school. As a single mother, the obstacles were mounting. Long days of classes and late nights of studying were exhausting, but as I successfully got through each semester, the reward of accomplishment helped keep me on track. Knowing I would have a successful career to support my family once I graduated was the motivation that got me through each day.

Today, I have a stable and fulfilling career as a Dental Hygienist at a private office. I work full-time, just purchased my first home and couldn't be happier. My children got to see that despite the challenges that come your way, your goals are always attainable through hard work, commitment and perseverance. I hope that's a lesson they carry with them always!

Tacey Leckwold
Associate Degree, Dental Hygiene, Albuquerque Campus

# Dental Hygiene - Houston Campus

**Objective:** The Dental Hygiene program prepares students to become competent entry-level dental hygienists through a combination of didactic instruction, hands-on laboratory practice, and clinical experiences. The curriculum develops intrapersonal and professional skills essential for delivering comprehensive oral healthcare and promoting oral and systemic health in diverse populations. Students acquire knowledge and skills in areas such as anatomy and physiology, periodontology, dental practice management, dental hygiene law and ethics, general and oral pathology, patient management, pharmacology, public health dentistry, and radiology. Emphasizing critical thinking, evidence-based practices, and professional values, the program prepares graduates to function as effective members of a professional dental care team, advocate for patient-centered care, and engage in lifelong learning.

Graduates earn an Associate of Applied Science Degree and are eligible to apply for the National Board Dental Hygiene Examination (NBDHE) and other board examinations required for state licensure.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *CCM 165* | *Communications and Composition* | *45* | | | *3.0* |
| *BIO 110* | *Anatomy and Physiology* | *60* | | | *4.0* |
| *BIO 145* | *Microbiology and Immunology* | *45* | | | *3.0* |
| *RDH 101* | *Introduction to Dental Hygiene* | *30* | | | *2.0* |
| *RDH 186* | *Dental Anatomy* | *45* | | | *3.0* |
| | **Semester I Total** | **225** | | | **15.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *CHM 125* | *Chemistry/Biochemistry* | *45* | | | *3.0* |
| RDH 106 | Head & Neck Anatomy | 30 | | | 2.0 |
| RDH 118 | Medical Emergencies | 15 | | | 1.0 |
| RDH 117 | Preclinical Dental Hygiene | 45 | | 90 | 5.0 |
| RDH 211 | Radiology | 30 | 45 | | 3.5 |
| | **Semester II Total** | **165** | **45** | **90** | **14.5** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 151 | Dental Hygiene I | 30 | 30 | | 3.0 |
| RDH 156 | Clinical Dental Hygiene I | | | 116 | 2.5 |
| RDH 219 | Biomaterials | 30 | 30 | | 3.0 |
| RDH 218 | Periodontics | 45 | | | 3.0 |
| RDH 260 | Pharmacology for Dental Hygiene | 45 | | | 3.0 |
| | **Semester III Total** | **150** | **60** | **116** | **14.5** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| PSY 125 | Psychology | 30 | | | 2.0 |
| RDH 176 | Dental Hygiene II | 45 | | | 3.0 |
| RDH 181 | Clinical Dental Hygiene II | | | 116 | 2.5 |
| RDH 214 | Patient/Pain Management | 30 | 45 | | 3.5 |
| RDH 220 | General/Oral Pathology | 45 | | | 3.0 |
| | **Semester IV Total** | **150** | **45** | **116** | **14.0** |

| Semester V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| SOC 110 | Sociology | 30 | | | 2.0 |
| RDH 201 | Dental Hygiene III | 45 | | | 3.0 |
| RDH 206 | Clinical Dental Hygiene III | | | 172 | 3.5 |
| RDH 209 | Nutrition & Cariology | 30 | | | 2.0 |
| RDH 252 | Community & Public Dental Health I | 30 | | | 2.0 |
| | **Semester V Total** | **135** | | **172** | **12.5** |

| Semester VI | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 226 | Review of Dental Hygiene | 45 | | | 3.0 |
| RDH 253 | Community & Public Dental Health II | 30 | | | 2.0 |
| RDH 241 | Dental Hygiene IV | 30 | | | 2.0 |
| RDH 246 | Clinical Dental Hygiene IV | | | 172 | 3.5 |
| RDH 291 | Principles of Dental Hygiene Practice | 30 | | | 2.0 |
| | **Semester VI Total** | **135** | | **172** | **12.5** |
| | **Program Total** | **960** | **150** | **666** | **83.0** |

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid

**Semester Credits:** 83.0

| Program Length | Total |
|---|---|
| Program Hours | 1,776 |
| Program Weeks | 90 |
| Program Semesters (15 weeks per semester) | 6 |

## Campus Locations

TX: Houston

# Dental Hygiene—Houston Campus • Course Descriptions

*Note: This program is offered via Hybrid delivery. Refer to the Prospective Student Handout at this campus for course-specific delivery method information.*

Semester I

**CCM 165 Communications and Composition**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, evaluating culturally diverse points of view, and professional courtesy.
*Prerequisites: None*

**BIO 110 Anatomy and Physiology**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Clinical) Semester Credits: 4.0*
This course provides an introduction to the structures and functions of systems within the human body, including integumentary, musculoskeletal, endocrine, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Course content addresses the roles of cellular, tissue, and organ structures within each system and within the human body as a whole.
*Prerequisites: None*

**BIO 145 Microbiology and Immunology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course explores the fundamental principles of microbiology, immunology, and infectious disease transmission. Discussion topics include the characteristics of bacteria, fungi, and viruses and their roles in infectious disease transmission, various laboratory processes, microbial growth, and immunity, among others.
*Prerequisites: None*

**RDH 101 Introduction to Dental Hygiene**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces the role of a dental hygienist, beginning with the fundamental theoretical concepts of professionalism, law and ethics, oral health and disease, and the dental hygiene process of care.
*Prerequisites: None*

**RDH 186 Dental Anatomy**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course provides a foundational understanding of the development and anatomy of human teeth. Course content includes embryonic development, craniofacial development, tooth development and eruption sequences, histologic features of tooth structures, anatomy of the periodontium and salivary structures, and specific morphology of each tooth.
*Prerequisites: None*

Semester II

**CHM 125 Chemistry/Biochemistry**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces the basic concepts of general chemistry as well as organic and inorganic chemistry and biochemistry. Topics include elements and compounds, chemical equations, nomenclature, molecular structure, and the chemistry of proteins, carbohydrates, lipids, and other biological compounds.
*Prerequisites: Semester I courses*

**RDH 106 Head and Neck Anatomy**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course explores the anatomical features and functions of the head and neck region within the context of dental hygiene clinical practice. Students acquire in-depth understanding of the head and neck region through examination and identification of associated osteological, muscular, vascular, nervous, and lymphatic structures.
*Prerequisites: Semester I courses*

**RDH 118 Medical Emergencies**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course is designed to instill a working knowledge of appropriate assessment procedures required to obtain and evaluate patient histories that may indicate patients at risk for medical emergencies in the dental setting. Students analyze case scenarios and apply critical thinking skills to accurately identify, treat, manage, and prevent various emergency situations.
*Prerequisites: Semester I courses*

**RDH 117 Preclinical Dental Hygiene**
*Total Course Hours: 135 (45 Theory, 0 Lab, 90 Clinical) Semester Credits: 3.0*
This course begins development of the professional competencies and clinical skills that continue throughout the dental hygiene theoretical and clinical curriculum. Among the topics included are clinical policy/procedure, maintaining a safe and aseptic work environment, patient assessment techniques, and duties related to basic instrumentation and equipment.
*Prerequisites: Semester I courses*

# Dental Hygiene—Houston Campus • Course Descriptions

**RDH 211 Radiology**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Semester Credits: 3.5*
This course provides the student with the scientific principles and clinical applications relating to the performance of dental radiographic procedures. Content emphasizes techniques of exposing, processing, mounting, and critically interpreting intraoral and panoramic radiographs, and provides students with radiation and infection control principles for use in practical applications. Laboratory experience allows students to gain initial radiographic skills that are utilized throughout the clinical courses.
*Prerequisites: Semester I courses*

Semester III
**RDH 151 Dental Hygiene I**
*Total Course Hours: 30 (30 Theory, 30 Lab, 0 Clinical) Semester Credits: 3.0*
This course is a continuation of the theoretical development of dental hygiene skills as well as the introduction of advanced clinical topics. Content includes patient communication strategies, recare and periodontal maintenance protocol, the referral process, air-powder polishers, advanced dental hygiene instruments, and use of ultrasonic-powered instrumentation devices.
*Prerequisites: Semesters I and II courses*

**RDH 156 Clinical Dental Hygiene I**
*Total Course Hours: 116 (0 Theory, 0 Lab, 116 Clinical) Semester Credits: 2.5*
This course applies previously learned skills in a clinical setting under direct professional supervision. Content emphasizes patient care through the application of assessment techniques, treatment planning, calculus detection, and basic instrumentation and procedures. Students are evaluated with the expectation of demonstrating beginning competency level in direct patient care.
*Prerequisites: Semesters I and II courses*

**RDH 219 Biomaterials**
*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Clinical) Semester Credits: 3.0*
This course provides an overview of materials used in dentistry, dental hygiene, and dental laboratory procedures. Topics include chemical and physical properties of dental materials, with an emphasis on the handling, manipulation, and rationale for use of materials used in dental hygiene and dentistry. Lab time provides students opportunities to apply their knowledge of various biomaterials.
*Prerequisites: Semesters I and II courses*

**RDH 218 Periodontics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course examines the effects of periodontal disease on overall health. Through exploration of the epidemiology, etiology, microbiology, and immunology of various periodontal diseases, students develop skills that enable them to differentiate healthy and diseased periodontium. Further, they will learn to evaluate the extent and severity of the periodontal diseases and develop appropriate clinical treatment recommendations.
*Prerequisites: Semesters I and II courses*

**RDH 260 Pharmacology for Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course covers the basic components of pharmacology with emphasis on the interaction with the biologic systems in the body as well as those that specifically affect oral health. Topics include therapeutic use, pharmacokinetics, pharmacodynamics, pharmacologic effects, adverse effects, drug interactions, and contraindications, among others.
*Prerequisites: Semesters I and II courses*

Semester IV
**PSY 125 Psychology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces basic concepts in human psychology through an overview of the foundations of the discipline and a more in-depth look at contemporary approaches in the field. Among the many topics included are mental health, well-being, behavior, cognition, personality traits, life-span development, social interactions, and various therapies used to treat psychological disorders.
Prerequisites: Semesters I, II, and III courses

**RDH 176 Dental Hygiene II**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course integrates the cognitive, psychomotor, and affective foundations of dental hygiene practice through exposure to increasingly complex patient cases, individualized risk assessment and dental hygiene care planning, dental management of various special needs and/or medically compromised patients, effective communication techniques, and case management skills. Topics also include evidence-based treatment for nonsurgical periodontal therapy, evaluation of treatment outcomes, and professional development strategies.
*Prerequisites: Semesters I, II, and III courses*

# Dental Hygiene—Houston Campus • Course Descriptions

**RDH 181 Clinical Dental Hygiene II**
*Total Course Hours: 116 (0 Theory, 0 Lab, 116 Clinical) Semester Credits: 2.5*
This course integrates the cognitive, psychomotor, and affective foundations of dental hygiene practice through exposure to increasingly complex patient cases, with emphasis on the development of advanced instrumentation, individualized risk assessment, and case management skills. Topics include evidence-based treatment for nonsurgical periodontal therapy, evaluation of treatment outcomes, and professional development strategies. Students execute a periodontal case study utilizing a review of evidence-based professional literature to expand critical thought processes.
*Prerequisites: Semesters I, II, and III courses*

**RDH 214 Patient/Pain Management**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Semester Credits: 3.5*
This course conveys a working knowledge of theoretical and practical applications of various physical, chemical, and psychological modalities intended for pain and anxiety management. Topics address the safe, ethical, legal, and proficient administration of local anesthesia and nitrous oxide in the clinical setting.
*Prerequisites: Semesters I, II, and III courses*

**RDH 220 General/Oral Pathology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces general pathology concepts relevant to systemic and oral conditions. Discussion topics address recognition, description, and assessment of characteristics that deviate from normal findings. Students apply critical thinking skills to evaluate case studies that include laboratory, clinical, and radiographic data designed to elicit differential diagnoses of oral lesions.
*Prerequisites: Semesters I, II, and III courses*

Semester V
**SOC 110 Sociology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course examines the sociological perspective of human behavior. Content addresses the structure and function of human societies and the interaction of people within societies. Topics include cultural belief systems, economic and political influences, and social classes, among others.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 201 Dental Hygiene III**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course applies concepts and principles introduced in earlier dental hygiene courses and further explores the dental management of various special needs and/or medically compromised patients. Emphasis is on increasingly complex cases that are designed to develop critical thinking skills and that emphasize appropriate assessment and planning techniques for a variety of special needs populations and practice-related situations.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 206 Clinical Dental Hygiene III**
*Total Course Hours: 172 (0 Theory, 0 Lab, 172 Clinical) Semester Credits: 3.5*
This course applies increasingly complex knowledge and skills acquired in earlier semesters in patient assessment, management, treatment, evaluation, and preventive measures as part of comprehensive patient care. Students are evaluated with the expectation of demonstrating increased proficiency in direct patient care.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 209 Nutrition and Cariology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course covers foundational biochemistry of nutrition, specific nutritional requirements throughout the life stages, special requirements for systemic diseases, and how nutrition relates to oral health and disease. These nutritional concepts are then applied to the field of cariology as it relates to the development, function, and progression or reversal of caries. Advanced topics relative to dental caries include pathophysiology, diagnosis, risk assessment, development of appropriate prevention and therapeutic strategies, and trends in caries research.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 252 Community and Public Dental Health I**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces public health concepts and practices relevant to the field of dental hygiene. Content includes epidemiology, disease prevention, and advocacy for community access to dental care. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Emphasis is on community outreach into underserved area/populations.
*Prerequisites: Semesters I, II, III, and IV courses*

# Dental Hygiene—Houston Campus • Course Descriptions

Semester VI

**RDH 253 Community and Public Dental Health II**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*

This course reinforces public health concepts and practices relevant to the field of dental hygiene. Content focuses on preparing students to evaluate, assess, and then identify appropriate treatment methodologies for patients with medical, physical, and other special considerations. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Emphasis is placed on community outreach into underserved areas/populations.

*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 241 Dental Hygiene IV**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*

This course applies the concepts and principles introduced in earlier dental hygiene courses and further explores the dental management of various special needs and/or medically compromised patients. Emphasis is on the dental management for special needs populations including pertinent legislation and access to care issues, student preparation for the clinical board exam, and preparing the student for progression into the dental practice.

*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 246 Clinical Dental Hygiene IV**

*Total Course Hours: 172 (0 Theory, 0 Lab, 172 Clinical) Semester Credits: 3.5*

This course assesses clinical competency in preparation for professional employment in which students assess, plan, treat, and evaluate outcomes for patients with diverse medical, dental, and social histories. Students may participate in clinics designed to simulate private practice. Students are evaluated with the expectation of demonstrating advanced proficiency in direct patient care.

*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 226 Review of Dental Hygiene**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*

This course provides a comprehensive review of the theory, concepts, and techniques taught in the preceding semesters to prepare students for the National Board Dental Hygiene Examination. Students participate in study groups to identify study topics, discuss case studies, and review practice questions.

*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 291 Principles of Dental Hygiene Practice**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*

This course reinforces knowledge of prior content with a focus on career readiness. Students prepare for their transition from an academic setting to the dental practice environment through various activities designed to enhance opportunities for employment. Discussion topics include practice management, legal and ethical principles, and professional responsibilities and expectations.

*Prerequisites: Semesters I, II, III, IV, and V courses*

# Dental Hygiene - Seattle Campus

**Objective:** The Dental Hygiene program prepares students to become competent entry-level dental hygienists through a combination of didactic instruction, hands-on laboratory practice, and clinical experiences. The curriculum develops intrapersonal and professional skills essential for delivering comprehensive oral healthcare and promoting oral and systemic health in diverse populations. Students acquire knowledge and skills in areas such as anatomy and physiology, periodontology, dental practice management, dental hygiene law and ethics, general and oral pathology, patient management, pharmacology, public health dentistry, and radiology. Emphasizing critical thinking, evidence-based practices, and professional values, the program prepares graduates to function as effective members of a professional dental care team, advocate for patient-centered care, and engage in lifelong learning.

Graduates earn an Associate of Applied Science Degree and are eligible to apply for the National Board Dental Hygiene Examination (NBDHE) and other board examinations required for state licensure.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid*
**See "Note" on Course Descriptions page*

**Semester Credits:**
Seattle: 90.0

| Program Length | Total |
|---|---|
| Program Hours | 2,040 |
| Program Weeks | 90 |
| Program Semesters (15 weeks per semester) | 6 |

## Campus Locations

WA: Seattle

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *PSY 125* | *Psychology* | *30* | | | *2.0* |
| *CCM 145* | *Communications and Composition* | *30* | | | *2.0* |
| *BIO 115* | *Anatomy and Physiology* | *45* | *30* | | *4.0* |
| *BIO 145* | *Microbiology and Immunology* | *45* | | | *3.0* |
| RDH 101 | Introduction to Dental Hygiene | 30 | | | 2.0 |
| RDH 186 | Dental Anatomy | 45 | | | 3.0 |
| | **Semester I Total** | **225** | **30** | | **16.0** |
| **Semester II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *SOC 110* | *Sociology* | *30* | | | *2.0* |
| *CHM 125* | *Chemistry/Biochemistry* | *45* | | | *3.0* |
| BIO 136 | Head and Neck Anatomy | 30 | | | 2.0 |
| RDH 116 | Preclinical Dental Hygiene | 45 | | | 3.0 |
| RDH 118 | Medical Emergencies | 15 | | | 1.0 |
| RDH 120 | Preclinical Clinical Dental Hygiene | | | 90 | 2.0 |
| RDH 211 | Radiology | 30 | 45 | | 3.5 |
| | **Semester II Total** | **195** | **45** | **90** | **16.5** |
| **Semester III** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 150 | Dental Hygiene I | 30 | 15 | | 2.5 |
| RDH 155 | Clinical Dental Hygiene I | | | 120 | 2.5 |
| RDH 215 | Biomaterials | 15 | 45 | | 2.5 |
| RDH 218 | Periodontics | 45 | | | 3.0 |
| RDH 260 | Pharmacology for Dental Hygiene | 45 | | | 3.0 |
| | **Semester III Total** | **135** | **60** | **120** | **13.5** |
| **Semester IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 175 | Dental Hygiene II | 30 | 15 | | 2.5 |
| RDH 180 | Clinical Dental Hygiene II | | | 150 | 3.0 |
| RDH 209 | Nutrition and Cariology | 30 | | | 2.0 |
| RDH 214 | Patient/Pain Management | 30 | 45 | | 3.5 |
| RDH 220 | General/Oral Pathology | 45 | | | 3.0 |
| RDH 223 | Restorative Lab I | | 30 | | 1.0 |
| | **Semester IV Total** | **135** | **90** | **150** | **15.0** |
| **Semester V** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 200 | Dental Hygiene III | 30 | 15 | | 2.5 |
| RDH 205 | Clinical Dental Hygiene III | | | 180 | 4.0 |
| RDH 251 | Treatment of Special Needs Patient Seminar | 45 | | | 3.0 |
| RDH 259 | Community and Public Dental Health | 45 | | | 3.0 |
| RDH 233 | Restorative Lab II | 15 | 75 | | 3.5 |
| | **Semester V Total** | **135** | **90** | **180** | **16.0** |
| **Semester VI** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| RDH 226 | Review of Dental Hygiene | 45 | | | 3.0 |
| RDH 230 | Dental Health Promotions | 30 | | | 2.0 |
| RDH 240 | Dental Hygiene IV | 15 | | | 1.0 |
| RDH 245 | Clinical Dental Hygiene IV | | | 180 | 4.0 |
| RDH 285 | Restorative Clinic | | | 60 | 1.0 |
| RDH 291 | Principles of Dental Hygiene Practice | 30 | | | 2.0 |
| | **Semester VI Total** | **120** | | **240** | **13.0** |
| | **Program Total** | **945** | **315** | **780** | **90.0** |

# Dental Hygiene—Seattle Campus • Course Descriptions

Semester I

**CCM 145 Communications and Composition**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, evaluating culturally diverse points of view, and professional courtesy.
*Prerequisites: None*

**PSY 125 Psychology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces basic concepts in human psychology through an overview of the foundations of the discipline and a more in-depth look at contemporary approaches in the field. Among the many topics included are mental health, well-being, behavior, cognition, personality traits, life-span development, social interactions, and various therapies used to treat psychological disorders.
*Prerequisites: None*

**BIO 115 Anatomy and Physiology**
*Total Course Hours: 75 (45 Theory, 30 Lab, 0 Clinical) Semester Credits: 4.0*
This course provides an introduction to the structures and functions of systems within the human body, including integumentary, musculoskeletal, endocrine, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Course content addresses the roles of cellular, tissue, and organ structures within each system and within the human body as a whole.
*Prerequisites: None*

**BIO 145 Microbiology and Immunology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course explores the fundamental principles of microbiology, immunology, and infectious disease transmission. Discussion topics include the characteristics of bacteria, fungi, and viruses and their roles in infectious disease transmission, various laboratory processes, microbial growth, and immunity, among others.
*Prerequisites: None*

**RDH 101 Introduction to Dental Hygiene**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course introduces the role of a dental hygienist, beginning with the fundamental theoretical concepts of professionalism, law and ethics, oral health and disease, and the dental hygiene process of care.
*Prerequisites: None*

**RDH 186 Dental Anatomy**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course provides a foundational understanding of the development and anatomy of human teeth. Course content includes embryonic development, craniofacial development, tooth development and eruption sequences, histologic features of tooth structures, anatomy of the periodontium and salivary structures, and specific morphology of each tooth.
*Prerequisites: None*

Semester II

**SOC 110 Sociology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course examines the sociological perspective of human behavior. Content addresses the structure and function of human societies and the interaction of people within societies. Topics include cultural belief systems, economic and political influences, and social classes, among others.
*Prerequisites: Semester I courses*

**CHM 125 Chemistry/Biochemistry**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces the basic concepts of general chemistry as well as organic and inorganic chemistry and biochemistry. Topics include elements and compounds, chemical equations, nomenclature, molecular structure, and the chemistry of proteins, carbohydrates, lipids, and other biological compounds.
*Prerequisites: Semester I courses*

**BIO 136 Head and Neck Anatomy**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course explores the anatomical features and functions of the head and neck region within the context of dental hygiene clinical practice. Students acquire in-depth understanding of the head and neck region through examination and identification of associated osteological, muscular, vascular, nervous, and lymphatic structures.
*Prerequisites: Semester I courses*

**RDH 118 Medical Emergencies**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course is designed to instill a working knowledge of appropriate assessment procedures required to obtain and evaluate patient histories that may indicate patients at risk for medical emergencies in the dental setting. Students analyze case scenarios and apply critical thinking skills to accurately identify, treat, manage, and prevent various emergency situations.
*Prerequisites: Semester I courses*

**RDH 116 Preclinical Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course begins development of the professional competencies that continue throughout the dental hygiene theoretical and clinical curriculum. Among the topics included are clinical policy/procedure, maintaining a safe and aseptic work environment, patient assessment techniques, and duties related to basic instrumentation and equipment.
*Prerequisites: Semester I courses*

**RDH 120 Preclinical Clinical Dental Hygiene**
*Total Course Hours: 90 (0 Theory, 0 Lab, 90 Clinical) Semester Credits: 2.0*
This course begins development of the clinical skills that continue throughout the dental hygiene sequence of classes. Clinical concepts introduced and practiced include clinical policy/procedure, maintaining a safe and aseptic work environment, patient assessment techniques, and duties related to basic instrumentation and equipment.
*Prerequisites: Semester I courses*

**RDH 211 Radiology**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Semester Credits: 3.5*
This course provides the student with the scientific principles and clinical applications relating to the performance of dental radiographic procedures. Content emphasizes techniques of exposing, processing, mounting, and critically interpreting intraoral and panoramic radiographs, and provides students with radiation and infection control principles for use in practical applications. Laboratory experience allows students to gain initial radiographic skills that are utilized throughout the clinical courses.
*Prerequisites: Semester I courses*

Semester III
**RDH 150 Dental Hygiene I**
*Total Course Hours: 30 (30 Theory, 15 Lab, 0 Clinical) Semester Credits: 2.5*
This course is a continuation of the theoretical development of dental hygiene skills as well as the introduction of advanced clinical topics. Content includes patient communication strategies, recare and periodontal maintenance protocol, the referral process, air-powder polishers, and use of ultrasonic-powered instrumentation devices.
*Prerequisites: Semesters I and II courses*

**RDH 155 Clinical Dental Hygiene I**
*Total Course Hours: 120 (0 Theory, 0 Lab, 120 Clinical) Semester Credits: 2.5*
This course applies previously learned skills in a clinical setting under direct professional supervision. Content emphasizes patient care through the application of assessment techniques, treatment planning, calculus detection, and basic instrumentation and procedures. Students are evaluated with the expectation of demonstrating beginning competency level in direct patient care.
*Prerequisites: Semesters I and II courses*

**RDH 215 Biomaterials**
*Total Course Hours: 60 (15 Theory, 45 Lab, 0 Clinical) Semester Credits: 2.5*
This course provides an overview of materials used in dentistry, dental hygiene, and dental laboratory procedures. Topics include chemical and physical properties of dental materials, with an emphasis on the handling, manipulation, and rationale for use of materials used in dental hygiene and dentistry. Lab time provides students opportunities to apply their knowledge of various biomaterials.
*Prerequisites: Semesters I and II courses*

**RDH 218 Periodontics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course examines the effects of periodontal disease on overall health. Through exploration of the epidemiology, etiology, microbiology, and immunology of various periodontal diseases, students develop skills that enable them to differentiate healthy and diseased periodontium. Further, they will learn to evaluate the extent and severity of the periodontal diseases and develop appropriate clinical treatment recommendations.
*Prerequisites: Semesters I and II courses*

**RDH 260 Pharmacology for Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course covers the basic components of pharmacology with emphasis on the interaction with the biologic systems in the body as well as those that specifically affect oral health. Topics include therapeutic use, pharmacokinetics, pharmacodynamics, pharmacologic effects, adverse effects, drug interactions, and contraindications, among others.
*Prerequisites: Semesters I and II courses*

Semester IV
**RDH 175 Dental Hygiene II**
*Total Course Hours: 30 (30 Theory, 15 Lab, 0 Clinical) Semester Credits: 2.5*
This course integrates the cognitive, psychomotor, and affective foundations of dental hygiene practice through exposure to increasingly complex patient cases, development of advanced instrumentation skills, individualized risk assessment and dental hygiene care planning, dental management of various special needs and/or medically compromised patients, effective communication techniques, and case management skills. Topics also include evidence-based treatment for nonsurgical periodontal therapy, evaluation of treatment outcomes, and professional development strategies.
*Prerequisites: Semesters I, II, and III courses*

**RDH 180 Clinical Dental Hygiene II**
*Total Course Hours: 150 (0 Theory, 0 Lab, 150 Clinical) Semester Credits: 3.0*
This course integrates the cognitive, psychomotor, and affective foundations of dental hygiene practice through exposure to increasingly complex patient cases, with emphasis on the development of advanced instrumentation, individualized risk assessment, and case management skills. Topics include evidence-based treatment for nonsurgical periodontal therapy, evaluation of treatment outcomes, and professional development strategies. Students execute a periodontal case study utilizing a review of evidence-based professional literature to expand critical thought processes.
*Prerequisites: Semesters I, II, and III courses*

**RDH 209 Nutrition and Cariology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course covers foundational biochemistry of nutrition, specific nutritional requirements throughout the life stages, special requirements for systemic diseases, and how nutrition relates to oral health and disease. These nutritional concepts are then applied to the field of cariology as it relates to the development, function, and progression or reversal of caries. Advanced topics relative to dental caries include pathophysiology, diagnosis, risk assessment, development of appropriate prevention and therapeutic strategies, and trends in caries research.
*Prerequisites: Semesters I, II, and III courses*

**RDH 214 Patient/Pain Management**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Semester Credits: 3.5*
This course conveys a working knowledge of theoretical and practical applications of various physical, chemical, and psychological modalities intended for pain and anxiety management. Topics address the safe, ethical, legal, and proficient administration of local anesthesia and nitrous oxide in the clinical setting.
*Prerequisites: Semesters I, II, and III courses*

**RDH 220 General/Oral Pathology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces general pathology concepts relevant to systemic and oral conditions. Discussion topics address recognition, description, and assessment of characteristics that deviate from normal findings. Students apply critical thinking skills to evaluate case studies that include laboratory, clinical, and radiographic data designed to elicit differential diagnoses of oral lesions.
*Prerequisites: Semesters I, II, and III courses*

**RDH 223 Restorative Lab I**
*Total Course Hours: 30 (0 Theory, 30 Lab, 0 Clinical) Semester Credits: 1.0*
This course focuses on the development of restorative skills. Content emphasizes placement and carving of amalgam and composite restorations on a dentoform.
*Prerequisites: Semesters I, II, and III courses*

Semester V
**RDH 200 Dental Hygiene III**
*Total Course Hours: 45 (30 Theory, 15 Lab, 0 Clinical) Semester Credits: 2.5*
This course applies concepts and principles introduced in earlier dental hygiene courses. Students participate in increasingly complex problem-based learning activities that are designed to develop critical thinking skills and that emphasize appropriate assessment and planning techniques for a variety of practice-related situations. Discussion topics include preparation for clinical boards.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 205 Clinical Dental Hygiene III**
*Total Course Hours: 180 (0 Theory, 0 Lab, 180 Clinical) Semester Credits: 4.0*
This course applies increasingly complex knowledge and skills acquired in earlier semesters in patient assessment, management, treatment, evaluation, and preventive measures as part of comprehensive patient care. Students are evaluated with the expectation of demonstrating increased proficiency in direct patient care.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 251 Treatment of Special Needs Patient Seminar**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course explores various assessment and treatment practices for special needs populations. Content and activities focus on preparing students to identify appropriate treatment approaches for patients with medical, physical, and other special considerations. Students participate in activities designed to enhance their knowledge and understanding of various treatment strategies that are appropriate for a range of special needs situations.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 259 Community and Public Dental Health**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course introduces public health concepts relevant to the field of dental hygiene. Content includes epidemiology, disease prevention, and advocacy for community access to dental care, among others. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Student collaboration experiences culminate in designing a community health project that demonstrates understanding of needs assessment, planning, implementation, and outcome evaluations.
*Prerequisites: Semesters I, II, III, and IV courses*

**RDH 233 Restorative Lab II**
*Total Course Hours: 90 (15 Theory, 75 Lab, 0 Clinical) Semester Credits: 3.5*
This course focuses on continued development of restorative skills. Amalgam, composite, glass ionomer, and provisional restorative materials will be covered as well as materials utilized for cements, bases, and liners. Students develop competency in placing, finishing, polishing, and evaluating composite and amalgam restorations.
*Prerequisites: Semesters I, II, III, and IV courses*

Semester VI
**RDH 230 Dental Health Promotions**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course applies the concepts of preventive dentistry, oral health education, and nutritional counseling to the development and implementation of oral health promotion programs. Communication and behavior modification skills are utilized to develop the student as a health educator. Students will be exposed to various preventive strategies that can be used to promote and maintain oral health. Emphasis is on community outreach into underserved areas/populations.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 240 Dental Hygiene IV**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*
This course applies the concepts and principles introduced in earlier dental hygiene courses through problem-based learning activities with an emphasis on self-evaluation and lifelong learning. Topics include student preparation for the clinical board exams, clinical setting preparation, and licensing requirements.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 245 Clinical Dental Hygiene IV**
*Total Course Hours: 180 (0 Theory, 0 Lab, 180 Clinical) Semester Credits: 4.0*
This course assesses clinical competency in preparation for professional employment in which students assess, plan, treat, and evaluate outcomes for patients with diverse medical, dental, and social histories. Students may participate in clinics designed to simulate private practice. Students are evaluated with the expectation of demonstrating advanced proficiency in direct patient care.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 226 Review of Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Semester Credits: 3.0*
This course provides a comprehensive review of the theory, concepts, and techniques taught in the preceding semesters to prepare students for the National Board Dental Hygiene Examination. Students participate in study groups to identify study topics, discuss case studies, and review practice questions.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 291 Principles of Dental Hygiene Practice**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*
This course reinforces knowledge of prior content with a focus on career readiness. Students prepare for their transition from an academic setting to the dental practice environment through various activities designed to enhance opportunities for employment. Discussion topics include practice management, legal and ethical principles, and professional responsibilities and expectations.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RDH 285 Restorative Clinic**
*Total Course Hours: 60 (0 Theory, 0 Lab, 60 Clinical) Semester Credits: 1.0*
This course expands the knowledge and skills developed in prior courses. Implementation, evaluation, and documentation of restorative procedures are performed on patients during a supervised clinical setting.
*Prerequisites: Semesters I, II, III, IV, and V courses*

# Dental Hygiene

**Objective:** The Dental Hygiene program prepares students to become competent entry-level dental hygienists through a combination of didactic instruction, hands-on laboratory practice, and clinical experiences. The curriculum develops intrapersonal and professional skills essential for delivering comprehensive oral healthcare and promoting oral and systemic health in diverse populations. Students acquire knowledge and skills in areas such as anatomy and physiology, periodontology, dental practice management, dental hygiene law and ethics, general and oral pathology, patient management, pharmacology, public health dentistry, and radiology. Emphasizing critical thinking, evidence-based practices, and professional values, the program prepares graduates to function as effective members of a professional dental care team, advocate for patient-centered care, and engage in lifelong learning.

Graduates earn an Associate of Applied Science Degree and are eligible to apply for the National Board Dental Hygiene Examination (NBDHE) and other board examinations required for state licensure.)

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid

**Quarter Credits:** 121.5

| Program Length | Total |
|---|---|
| Program Hours | 1,706 |
| Program Weeks | 72 |
| Program Quarters (12 weeks per quarter) | 6 |

## Campus Locations

AZ: Phoenix
TX: San Antonio

| Quarter I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *COMM 1000* | *Communications & Composition* | *30* | | | *3.0* |
| *BIOL 1000* | *Anatomy & Physiology* | *60* | | | *6.0* |
| *BIOL 1100* | *Microbiology & Immunology* | *45* | | | *4.5* |
| DHYG 1200 | Introduction to Dental Hygiene | 30 | | | 3.0 |
| DHYG 1000 | Dental Anatomy | 45 | | | 4.5 |
| | **Quarter I Total** | **210** | | | **21.0** |

| Quarter II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *CHEM 1000* | *Chemistry/Biochemistry* | *45* | | | *4.5* |
| DHYG 1010 | Head & Neck Anatomy | 30 | | | 3.0 |
| DHYG 1020 | Medical Emergencies | 15 | | | 1.5 |
| DHYG 1210 | Preclinical Dental Hygiene | 45 | | 84 | 7.0 |
| DHYG 1100 | Radiology | 30 | 45 | | 5.0 |
| | **Quarter II Total** | **165** | **45** | **84** | **21.0** |

| Quarter III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| DHYG 1220 | Dental Hygiene I | 30 | 36 | | 4.5 |
| DHYG 1230 | Clinical Dental Hygiene I | | | 96 | 3.0 |
| DHYG 1110 | Biomaterials | 30 | 30 | | 4.5 |
| DHYG 1030 | Periodontics | 45 | | | 4.5 |
| DHYG 1040 | Pharmacology for Dental Hygiene | 45 | | | 4.5 |
| | **Quarter III Total** | **150** | **66** | **96** | **21.0** |

| Quarter IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *PSYC 1000* | *Psychology* | *30* | | | *3.0* |
| DHYG 1240 | Dental Hygiene II | 45 | | | 4.5 |
| DHYG 1250 | Clinical Dental Hygiene II | | | 120 | 4.0 |
| DHYG 2020 | Patient/Pain Management | 30 | 45 | | 5.0 |
| DHYG 2000 | General/Oral Pathology | 45 | | | 4.5 |
| | **Quarter IV Total** | **150** | **45** | **120** | **21.0** |

| Quarter V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| *SOCI 1000* | *Sociology* | *30* | | | *3.0* |
| DHYG 2200 | Dental Hygiene III | 45 | | | 4.5 |
| DHYG 2210 | Clinical Dental Hygiene III | | | 144 | 4.5 |
| DHYG 2010 | Nutrition & Cariology | 36 | | | 3.5 |
| DHYG 2100 | Community & Public Dental Health I | 30 | | | 3.0 |
| | **Quarter V Total** | **141** | | **144** | **18.5** |

| Quarter VI | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Clinical** | **Credits** |
| DHYG 2110 | Community & Public Dental Health II | 30 | | | 3.0 |
| DHYG 2130 | Review of Dental Hygiene | 50 | | | 5.0 |
| DHYG 2220 | Dental Hygiene IV | 36 | | | 3.5 |
| DHYG 2230 | Clinical Dental Hygiene IV | | | 144 | 4.5 |
| DHYG 2120 | Principles of Dental Hygiene Practice | 30 | | | 3.0 |
| | **Quarter VI Total** | **146** | | **144** | **19.0** |

| | | | | |
|---|---|---|---|---|
| **Program Total** | **962** | **156** | **588** | **121.5** |

# Dental Hygiene • Course Descriptions

Quarter I

**COMM 1000 Communications & Composition**
*Total Course Hours: 30 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*
This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, evaluating culturally diverse points of view, and professional courtesy.
*Prerequisites: None*

**BIOL 1000 Anatomy & Physiology**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Clinical) Quarter Credits: 6.0*
This course provides an introduction to the structures and functions of systems within the human body, including integumentary, musculoskeletal, endocrine, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Course content addresses the roles of cellular, tissue, and organ structures within each system and within the human body as a whole.
*Prerequisites: None*

**BIOL 1100 Microbiology & Immunology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course explores the fundamental principles of microbiology, immunology, and infectious disease transmission. Discussion topics include the characteristics of bacteria, fungi, and viruses and their roles in infectious disease transmission, various laboratory processes, microbial growth, and immunity, among others.
*Prerequisites: None*

**DHYG 1200 Introduction to Dental Hygiene**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*
This course introduces the role of a dental hygienist, beginning with the fundamental theoretical concepts of professionalism, law and ethics, oral health and disease, and the dental hygiene process of care.
*Prerequisites: None*

**DHYG 1000 Dental Anatomy**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course provides a foundational understanding of the development and anatomy of human teeth. Course content includes embryonic development, craniofacial development, tooth development and eruption sequences, histologic features of tooth structures, anatomy of the periodontium and salivary structures, and specific morphology of each tooth.
*Prerequisites: None*

Quarter II

**CHEM 1000 Chemistry/Biochemistry**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course introduces the basic concepts of general chemistry as well as organic and inorganic chemistry and biochemistry. Topics include elements and compounds, chemical equations, nomenclature, molecular structure, and the chemistry of proteins, carbohydrates, lipids, and other biological compounds.
*Prerequisites: Quarter I courses*

**DHYG 1010 Head & Neck Anatomy**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*
This course explores the anatomical features and functions of the head and neck region within the context of dental hygiene clinical practice. Students acquire in-depth understanding of the head and neck region through examination and identification of associated osteological, muscular, vascular, nervous, and lymphatic structures.
*Prerequisites: Quarter I courses*

**DHYG 1020 Medical Emergencies**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Quarter Credits: 1.5*
This course is designed to instill a working knowledge of appropriate assessment procedures required to obtain and evaluate patient histories that may indicate patients at risk for medical emergencies in the dental setting. Students analyze case scenarios and apply critical thinking skills to accurately identify, treat, manage, and prevent various emergency situations.
*Prerequisites: Quarter I courses*

**DHYG 1210 Preclinical Dental Hygiene**
*Total Course Hours: 129 (45 Theory, 0 Lab, 84 Clinical) Quarter Credits: 7.0*
This course begins development of the professional competencies that continue throughout the dental hygiene theoretical and clinical curriculum. Among the topics included are clinical policy/procedure, maintaining a safe and aseptic work environment, patient assessment techniques, and duties related to basic instrumentation and equipment.
*Prerequisites: Quarter I courses*

# Dental Hygiene • Course Descriptions

**DHYG 1100 Radiology**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Quarter Credits: 5.0*
This course provides the student with the scientific principles and clinical applications relating to the performance of dental radiographic procedures. Content emphasizes techniques of exposing, processing, mounting, and critically interpreting intraoral and panoramic radiographs, and provides students with radiation and infection control principles for use in practical applications. Laboratory experience allows students to gain initial radiographic skills that are utilized throughout the clinical courses.
*Prerequisites: Quarter I courses*

Quarter III
**DHYG 1220 Dental Hygiene I**
*Total Course Hours: 66 (30 Theory, 36 Lab, 0 Clinical) Quarter Credits: 4.5*
This course is a continuation of the theoretical development of dental hygiene skills as well as the introduction of advanced clinical topics. Content includes patient communication strategies, re-care and periodontal maintenance protocol, the referral process, air-powder polishers, advanced dental hygiene instruments, and power-driven scaling instruments.
*Prerequisites: Quarter I & II courses*

**DHYG 1230 Clinical Dental Hygiene I**
*Total Course Hours: 96 (0 Theory, 0 Lab, 96 Clinical) Quarter Credits: 3.0*
This course applies previously learned skills in a clinical setting under direct professional supervision. Content emphasizes patient care through the application of assessment techniques, treatment planning, calculus detection, and basic instrumentation and procedures. Students are evaluated with the expectation of demonstrating beginning competency level in direct patient care.
*Prerequisites: Quarter I & II courses*

**DHYG 1110 Biomaterials**
*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Clinical) Quarter Credits: 4.5*
This course is a survey of materials used in dentistry, dental hygiene, and dental laboratory procedures. The chemical and physical properties of dental materials will be discussed with an emphasis on the handling, manipulation, and rationale for use of materials used in dental hygiene and dentistry.
*Prerequisites: Quarter I & II courses*

**DHYG 1030 Periodontics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course examines the effects of periodontal disease on overall health. Through exploration of the epidemiology, etiology, microbiology, and immunology of various periodontal diseases, students develop skills that enable them to differentiate healthy and diseased periodontium. Further, they will learn to evaluate the extent and severity of the periodontal diseases and develop and appropriate clinical treatment recommendations.
*Prerequisites: Quarter I & II courses*

**DHYG 1040 Pharmacology for Dental Hygiene**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course covers the basic components of pharmacology with emphasis on the interaction with the biologic systems in the body as well as those that specifically affect oral health. Topics include therapeutic use, pharmacokinetics, pharmacodynamics, pharmacologic effects, adverse effects, drug interactions, and contraindications, among others.
*Prerequisites: Quarter I & II courses*

Quarter IV
**PSYC 1000 Psychology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*
This course introduces basic concepts in human psychology through an overview of the foundations of the discipline and a more in-depth look at contemporary approaches in the field. Among the many topics included are mental health, well-being, behavior, cognition, personality traits, life-span development, social interactions, and various therapies used to treat psychological disorders.
*Prerequisites: Quarter I, II, & III courses*

**DHYG 1240 Dental Hygiene II**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course integrates the cognitive, psychomotor, and affective foundations of dental hygiene practice through exposure to increasingly complex patient cases, development of advanced instrumentation skills, individualized risk assessment, dental management of various special needs and/or medically compromised patients, and case management skills. Topics also include evidence-based treatment for nonsurgical periodontal therapy, evaluation of treatment outcomes, and professional development strategies.
*Prerequisites: Quarter I, II, & III courses*

# Dental Hygiene • Course Descriptions

**DHYG 1250 Clinical Dental Hygiene II**
*Total Course Hours: 120 (0 Theory, 0 Lab, 120 Clinical) Quarter Credits: 4.0*
This course introduces new concepts and techniques while providing opportunities to apply acquired skills and knowledge in the clinical setting under direct supervision. Students are expected to demonstrate increased proficiency in patient assessment, diagnosis, management, and dental hygiene care planning. Topics and skills addressed include advanced instrumentation and communication techniques, care of oral prostheses, and cultural competence, among others. Students complete a periodontal case study to demonstrate ability to evaluate and implement evidence-based practice techniques.
*Prerequisites: Quarter I, II, & III courses*

**DHYG 2020 Patient/Pain Management**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Quarter Credits: 5.0*
This course conveys a working knowledge of theoretical and practical applications of various physical, chemical, and psychological modalities intended for pain and anxiety management. Topics address the safe, ethical, legal, and proficient administration of local anesthesia and nitrous oxide in the clinical setting.
*Prerequisites: Quarter I, II, & III courses*

**DHYG 2000 General/Oral Pathology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course introduces general pathology concepts relevant to systemic and oral conditions. Discussion topics address recognition, description, and assessment of characteristics that deviate from normal findings. Students apply critical thinking skills to evaluate case studies that include laboratory, clinical, and radiographic data designed to elicit differential diagnoses of oral lesions.
*Prerequisites: Quarter I, II, & III courses*

Quarter V
**SOCI 1000 Sociology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*
This course examines the sociological perspective of human behavior. Content addresses the structure and function of human societies and the interaction of people within societies. Topics include cultural belief systems, economic and political influences, and social classes, among others.
*Prerequisites: Quarter I, II, III, & IV courses*

**DHYG 2200 Dental Hygiene III**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*
This course applies concepts and principles introduced in earlier dental hygiene courses and further explores the dental management of various special needs and/or medically compromised patients. Emphasis is on increasingly complex cases that are designed to develop critical thinking skills and that emphasize appropriate assessment and planning techniques for a variety of special needs populations and practice-related situations.
*Prerequisites: Quarter I, II, III, & IV courses*

**DHYG 2210 Clinical Dental Hygiene III**
*Total Course Hours: 144 (0 Theory, 0 Lab, 144 Clinical) Quarter Credits: 4.5*
This course applies increasingly complex knowledge and skills acquired in earlier Quarters in patient assessment, management, treatment, evaluation, and preventive measures as part of comprehensive patient care. Students are evaluated with the expectation of demonstrating increased proficiency in direct patient care.
*Prerequisites: Quarter I, II, III, & IV courses*

**DHYG 2010 Nutrition & Cariology**
*Total Course Hours: 36 (36 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.6*
This course covers foundational biochemistry of nutrition, specific nutritional requirements throughout the life stages, special requirements for systemic diseases, and how nutrition relates to oral health and disease. These nutritional concepts are then applied to the field of cariology as it relates to the development, function, and progression or reversal of caries. Advanced topics relative to dental caries include pathophysiology, diagnosis, risk assessment, development of appropriate prevention and therapeutic strategies, and trends in caries research.
*Prerequisites: Quarter I, II, III, & IV courses*

**DHYG 2100 Community & Public Dental Health I**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*
This course introduces public health concepts and practices relevant to the field of dental hygiene. Content includes epidemiology, disease prevention, and advocacy for community access to dental care. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Emphasis is on community outreach into underserved area/populations.
*Prerequisites: Quarter I, II, III, & IV courses*

# Dental Hygiene • Course Descriptions

Quarter VI

**DHYG 2110 Community & Public Dental Health II**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*

This course reinforces public health concepts and practices relevant to the field of dental hygiene. Content focuses on preparing students to evaluate, assess, and then identify appropriate treatment methodologies for patients with medical, physical, and other special considerations. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Emphasis is placed on community outreach into underserved areas/ populations.

*Prerequisites: Quarter I, II, III, IV, & V courses*

**DHYG 2130 Review of Dental Hygiene**

*Total Course Hours: 50 (50 Theory, 0 Lab, 0 Clinical) Quarter Credits: 5.0*

This course provides a comprehensive review of the theory, concepts, and techniques taught in the preceding Quarters to prepare students for the National Board Dental Hygiene Examination. Students participate in study groups to identify study topics, discuss case studies, and review practice questions.

*Prerequisites: Quarter I, II, III, IV, & V courses*

**DHYG 2220 Dental Hygiene IV**

*Total Course Hours: 36 (36 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.5*

This course applies the concepts and principles introduced in earlier dental hygiene courses and further explores the dental management of various special needs and/or medically compromised patients. Emphasis is on the dental management for special needs populations including pertinent legislation and access to care issues, student preparation for the clinical board exam, and preparing the student for progression into the dental practice.

*Prerequisites: Quarter I, II, III, IV, & V courses*

**DHYG 2230 Clinical Dental Hygiene IV**

*Total Course Hours: 144 (0 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course assesses clinical competency in preparation for professional employment in which students assess, plan, treat, and evaluate outcomes for patients with diverse medical, dental, and social histories. Students may participate in clinics designed to simulate private practice. Students are evaluated with the expectation of demonstrating advanced proficiency in direct patient care.

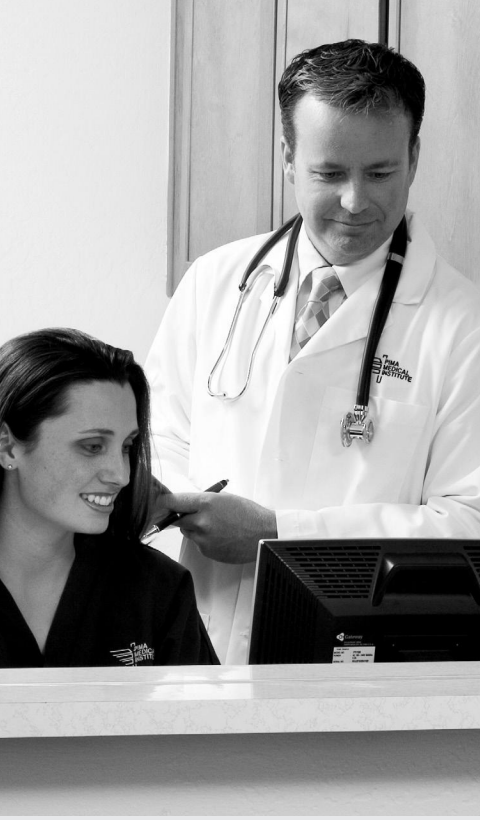
*Prerequisites: Quarter I, II, III, IV, & V courses*

**DHYG 2120 Principles of Dental Hygiene Practice**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*

This course reinforces knowledge of prior content with a focus on career readiness. Students prepare for their transition from an academic setting to the dental practice environment through various activities designed to enhance opportunities for employment. Discussion topics include practice management, legal and ethical principles, and professional responsibilities and expectations.

*Prerequisites: Quarter I, II, III, IV, & V courses*



# Health Care Administration

**Objective:** To prepare students with the industry knowledge and professional skills necessary for entry-level employment in the administrative health care field. A curriculum focused on basic business, administrative, and organizational concepts of health care will also prepare students to further their education in an advanced degree program.

Graduates of this program receive an Associate of Applied Science Degree.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, applicants can apply for the qualified advanced entry option to accelerate into semester three of the five-semester program by transferring 24 credits under the following conditions: 12 of the 24 transfer credits must be from a health care field. PMI certificate programs that block-transfer into semester III include Dental Assistant (except Dental Assistant - California campuses), Health Care Administration Certificate, Medical Assistant, Medical Billing and Coding, Pharmacy Technician, and Sterile Processing Technician. Transfer credit requirements are listed in the Prospective Students section of this catalog.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CCL 100* | *Computer Literacy* | *30* | | | *2.0* |
| *CMT 115* | *Medical Terminology* | *45* | | | *3.0* |
| *CCM 101* | *Communications* | *45* | | | *3.0* |
| *BIO 121* | *Anatomy, Physiology, and Pathology* | *60* | | | *4.0* |
| | **Semester I Total** | **180** | | | **12.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| HCA 100 | Office Management | 45 | | | 3.0 |
| HIT 155 | Electronic Health Records | 30 | 30 | | 3.0 |
| HCA 175 | Medical Law and Ethics | 45 | | | 3.0 |
| HIT 135 | Introduction to Insurance | 45 | | | 3.0 |
| | **Semester II Total** | **165** | **30** | | **12.0** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *ENG 101* | *English Composition I* | *45* | | | *3.0* |
| *CPT 201* | *Computer Fundamentals* | *45* | | | *3.0* |
| *MTH 210* | *Math Applications* | *45* | | | *3.0* |
| HCA 201 | Introduction to the Health Care System | 45 | | | 3.0 |
| | **Semester III Total** | **180** | | | **12.0** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| HCA 210 | Business Communications | 45 | | | 3.0 |
| HCA 215 | Health Care Economics | 45 | | | 3.0 |
| HCA 220 | Health Care Management | 45 | | | 3.0 |
| *SOC 115* | *Introduction to Sociology* | *45* | | | *3.0* |
| | **Semester IV Total** | **180** | | | **12.0** |

| Semester V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *PSY 201* | *Psychology* | *45* | | | *3.0* |
| HCA 230 | Accounting for Health Care Management | 60 | | | 4.0 |
| HCA 221 | Human Resource Management | 45 | | | 3.0 |
| HCA 270 | Introduction to Project Management | 45 | | | 3.0 |
| | **Semester V Total** | **195** | | | **13.0** |

| | | | | |
|---|---|---|---|---|
| **Program Total** | **900** | **30** | | **61.0** |

## At a Glance

**Program Type:** Associate Degree
**Delivery Method:** Online
**Semester Credits:** 61.0

| Program Length | Total |
|---|---|
| Program Hours | 930 |
| Program Weeks<br>Individual time to completion may vary by student depending on individual progress and credits transferred. | 80 |
| Program Semesters<br>(16 weeks per semester) | 5 |

## Campus Locations

AZ: Phoenix, Tucson
NM: Albuquerque

# Health Care Administration • Course Descriptions

Semester I

**CCL 100 Computer Literacy**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides a survey of the responsible and ethical uses of computers and related devices in academic and medical settings. Through demonstration and hands-on experience, students acquire a general understanding of computer technology. Topics include but are not limited to common terminology, hardware/software components, and applications used in basic word processing, spreadsheets, and presentations. Students utilize technology to retrieve, evaluate, and synthesize information from diverse sources and points of view.
*Prerequisites: None*

**CMT 115 Medical Terminology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on the development of a basic framework for the language of medicine. Through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes, students learn to create, analyze, and apply medical terms as they relate to various anatomical, physiological, and pathological conditions. Medical records and reports are introduced to provide opportunities for students to apply the knowledge within the clinical environment.
*Prerequisites: None*

**CCM 101 Communications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces foundational concepts of human communication and enables students to develop their awareness and effectiveness as communicators in social, professional, and interpersonal situations. Students explore verbal and nonverbal communication, communication styles, speaking and listening skills, and cultural factors that influence communication. Basic internet research skills, source citation, and effective interpretation of information are also addressed.
*Prerequisites: None*

**BIO 121 Anatomy, Physiology, and Pathology**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course examines the structure and function of the systems within the human body. It also incorporates the interrelationships between the structures and systems as well as common diseases and conditions associated with each system. The course content also includes foundational knowledge regarding the diagnosis, treatment, and prognosis for various diseases.
*Prerequisites: None*

Semester II

**HCA 100 Office Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces students to the daily operations of the medical office environment, including basic policies/procedures, appointment scheduling, telephone etiquette, patient reception and processing, billing and coding procedures, and financial and medical records management.
*Prerequisites: None*

**HIT 155 Electronic Health Records**
*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an overview of electronic health records (EHR) and the significance of EHR systems within the health care field. Students participate in hands-on activities to practice and hone their abilities to navigate and understand the EHR environment and general coding concepts.
*Prerequisites: None*

**HCA 175 Medical Law and Ethics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces students to legal principles and ethical issues that impact the health care administrative setting. Students learn about the legal system and relevant laws and regulations as they apply to health care. Topics related to legal aspects of health care business, patient care, health information, and employment are explored. Differentiation of legal and ethical issues is emphasized.
*Prerequisites: None*

**HIT 135 Introduction to Insurance**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course addresses insurance terminology, coding basics for third-party reimbursement, and types of government-sponsored insurance including workers' compensation, Medicare, and Medicaid. Students complete sample insurance claim forms.
*Prerequisites: None*

# Health Care Administration • Course Descriptions

Semester III

**ENG 101 English Composition I**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides students with fundamental skills necessary for academic and professional writing. Students learn and practice the strategies and processes for planning, organizing, writing, editing, and revising written compositions. Students are introduced to the process of connecting writing and critical thinking skills. Learning to integrate information from source material in formal academic compositions is emphasized.
*Prerequisites: None*

**CPT 201 Computer Fundamentals**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces students to the Windows environment and to Windows-based applications. Through a hands-on approach, students will achieve a working knowledge of Windows, Microsoft Word and Excel, and a brief introduction to Microsoft PowerPoint presentation software.
*Prerequisites: CCB 100 Computer Basics or CCL 100 Computer Literacy*

**MTH 210 Math Applications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with the fundamentals of college algebra. Mathematical operations covered include fractions, decimals, algebraic equations, basic statistics, word problems, and graphing.
*Prerequisites: CMF 95 Math Fundamentals*

**HCA 201 Introduction to the Health Care System**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces the basic structures and operations that have formed the present-day health care system in the United States. Students explore the broad and often complex range of concepts associated with the health care system and health care organizations, including individual services, cost structures, reform movements, and quality control, among others.
*Prerequisites: None*

Semester IV

**HCA 210 Business Communications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on the practice of effective communication and writing within the contexts of business and the health care profession. Students analyze the psychology, semantics, planning, and principles of effective business writing.
*Prerequisites: ENG 101 English Composition I*

**HCA 215 Health Care Economics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course entails study of fundamental principles of economic theory and concepts that can be applied to producing, delivering, and financing health care. Concepts include supply and demand in health care markets, the challenges of delivering cost-effective health care, market competition, resource allocation, and stakeholder roles in health economics. Students are introduced to economic tools, such as cost-benefit analysis, to inform healthcare decision-making.
*Prerequisites: None*

**HCA 220 Health Care Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course explores various health care settings ranging from hospitals to nursing homes to clinics. Issues addressed include ethics, cost management, strategic planning and marketing, information technology, and human resources.
*Prerequisites: None*

**SOC 115 Introduction to Sociology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides a broad overview of sociology and its application to everyday life. Major theoretical perspectives, concepts, and methodologies are presented. Students will examine the influence of social groups and institutions, culture, and social structure on the process of socialization and will also explore inequality and its effects upon these social contexts. This course leads to an understanding of the sociological perspective of human behavior.
*Prerequisites: None*

Semester V

**PSY 201 Psychology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course examines human behavior and its biological foundations, with emphasis on basic concepts and theories. The range of topics addressed includes adaptation, motivation, memory, learning, personality, and emotions. Human interactions in various contexts are also explored.
*Prerequisites: None*

**HCA 230 Accounting for Health Care Management**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course introduces the fundamentals of financial and managerial accounting with an emphasis on the role of accounting in the management of health care organizations. The course addresses the users and uses of financial and managerial reports related to various types of health care entities. Emphasis is on topics such as financial statement preparation, revenue cycle management, budgeting and ratio analysis. Students will also have the opportunity to develop skills performing basic accounting functions utilizing MS Excel.
*Prerequisites: CPT 201 Computer Fundamentals and MTH 210 Math Applications*

**HCA 221 Human Resource Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course is designed to provide a basic understanding of the various aspects of personnel management. Emphasis is placed on such topics as communication, recruiting, interviews/selection, promotion, performance appraisals, and job satisfaction.
*Prerequisites: None*

**HCA 270 Introduction to Project Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides a high level overview of project management. Students gain a basic understanding of project management principles, methodologies, and techniques, including project life cycle and the technical, organizational, and behavioral aspects of project management. Students explore the benefits of project management in health care. The course culminates in practical applications of concepts learned throughout the program in a health care administration mini-capstone project.
*Prerequisites: Semester I, II, III, and IV courses*

# Medical Laboratory Technician

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level medical laboratory technicians through didactic instruction, hands-on laboratory practice, and clinical experiences. Among the topics covered in the curriculum are fundamental testing procedures for various body fluids, evaluation of test results, lab safety, personal protective equipment, and other topics necessary to be effective members of the medical laboratory team.

Graduates of this program receive an Associate of Applied Science Degree and are eligible to apply to take the American Society for Clinical Pathology (ASCP) Medical Laboratory Technician (MLT) certification examination.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *AP 120* | *Anatomy and Physiology I* | *45* | | | *3.0* |
| *BIO 123* | *General Biology* | *45* | | | *3.0* |
| *CMT 120* | *Medical Terminology* | *15* | | | *1.0* |
| *MTH 160* | *Math for Medical Specialties* | *30* | | | *2.0* |
| MLT 101 | Introduction to Medical Lab | 30 | 15 | | 2.5 |
| MLT 112 | Instrumentation and Quality Control | 15 | 15 | | 1.5 |
| | **Semester I Total** | **180** | **30** | | **13.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *AP 130* | *Anatomy and Physiology II* | *30* | | | *2.0* |
| *CCM 116* | *Communication for Health Care Professionals* | *30* | | | *2.0* |
| *CHM 101* | *General and Organic Chemistry* | *30* | *15* | | *2.5* |
| MLT 122 | Microbiology I | 30 | 60 | | 4.0 |
| MLT 141 | Clinical Chemistry | 30 | 15 | | 2.5 |
| | **Semester II Total** | **150** | **90** | | **13.0** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CLE 100* | *Medical Law and Ethics* | *15* | | | *1.0* |
| MLT 123 | Microbiology II | 30 | 45 | | 3.5 |
| MLT 132 | Hematology I | 30 | 60 | | 4.0 |
| MLT 162 | Immunology and Serology | 30 | 15 | | 2.5 |
| PHL 115 | Phlebotomy | 15 | 45 | | 2.5 |
| | **Semester III Total** | **120** | **165** | | **13.5** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CMS 101* | *Career Marketing Strategies* | *15* | | | *1.0* |
| MLT 133 | Hematology II | 30 | 30 | | 3.0 |
| MLT 171 | Urinalysis and Body Fluids | 30 | 30 | | 3.0 |
| MLT 182 | Hemostasis and Coagulation | 30 | | | 2.0 |
| MLT 201 | Immunohematology and Blood Banking | 30 | 60 | | 4.0 |
| | **Semester IV Total** | **135** | **120** | | **13.0** |

| Semester V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| MLT 205 | Medical Laboratory Review | 30 | 60 | | 4.0 |
| MLT 210 | Externship | | | 400 | 8.5 |
| | **Semester V Total** | **30** | **60** | **400** | **12.5** |
| | **Program Total** | **615** | **465** | **400** | **65.0** |

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid*
**See "Note" on Course Descriptions page*

**Semester Credits:** 65.0

| Program Length | Total |
|---|---|
| Program Hours (Includes 400 externship hours) | 1,480 |
| Program Weeks | 75 |
| Program Semesters (15 weeks per semester) | 5 |

### Campus Locations

CO: Colorado Springs

# Medical Laboratory Technician • Course Descriptions

*Note: Refer to the program's Prospective Student Handout at the campus for information on the delivery method for each course.*

Semester I

**AP 120 Anatomy and Physiology I**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on the fundamentals of human anatomy and physiology. Topics include basic cellular function, organization of the body, anatomy and physiology of tissues and organs, and the structures, functions, and pathophysiology of the integumentary, muscular, skeletal, and nervous systems. Knowledge gained in this course prepares students for more complex theoretical and practical applications in subsequent technical courses.
*Prerequisites: None*

**BIO 123 General Biology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces the fundamentals of biology. Students gain an understanding of cellular biology, genetics, metabolism, mitosis, and meiosis and how these concepts relate to biotechnology. Knowledge gained in this course prepares students for more complex theoretical and practical applications in subsequent technical courses.
*Prerequisites: None*

**CMT 120 Medical Terminology**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course introduces an extensive medical vocabulary through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes. Students learn to create, analyze, and apply medical terms. Students also learn to use the word building system to accurately define medical terms.
*Prerequisites: None*

**MTH 160 Math for Medical Specialties**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course introduces mathematical concepts used in general chemistry, biochemistry, hematology, and basic physics that are needed for proper calculation in a medical setting. Knowledge gained in this course prepares students for more complex theoretical and practical applications in subsequent technical courses.
*Prerequisites: None*

**MLT 101 Introduction to Medical Lab**
*Total Course Hours: 45 (30 Theory, 15 Lab, 0 Extern) Semester Credits: 2.5*
This course introduces students to OSHA standards, personal protective equipment, and the care and use of laboratory equipment. In addition, students learn basic skills in hematology, immunohematology, immunology, urinalysis, microbiology, chemistry, and parasitology. Quality assurance, quality control, and documentation requirements in laboratory reporting are also presented.
*Prerequisites: None*

**MLT 112 Instrumentation and Quality Control**
*Total Course Hours: 30 (15 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course introduces various laboratory instrumentation, linearity studies, and how to incorporate all aspects of quality assurance and quality control required in the laboratory. Topics include laboratory safety, appropriate use of equipment, interpreting quality control results, and the importance of policies and procedure.
*Prerequisites: None*

Semester II

**AP 130 Anatomy and Physiology II**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course focuses on the fundamentals of human anatomy and physiology. Subjects include the organization, structures, and functions of the cardiovascular, respiratory, endocrine, lymphatic, digestive, urinary, and reproductive systems. Content also addresses hormones, blood and its components, and immunity. Knowledge gained in this course prepares students for more complex theoretical and practical applications in subsequent technical courses.
*Prerequisites: : Semester I Courses*

**CCM 116 Communication for Health Care Professionals**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course addresses the effective use of oral, written, and electronic communication skills. Students learn situational critical thinking in order to practice culturally competent communication using both verbal and nonverbal methods. They also identify grammatical errors in written communication through technical and professional writing skills application, and demonstrate oral presentation skills through the presentation of various medical topics. Students also explore legal and ethical aspects of communication in health care, including HIPAA, security concerns in the use of search engines, and electronic communication and recordkeeping.
*Prerequisites: None*

**CHM 101 General and Organic Chemistry**
*Total Course Hours: 45 (30 Theory, 15 Lab, 0 Extern) Semester Credits: 2.5*
This course introduces foundational principles in general and organic chemistry, including vocabulary, molecular structures, methods of measurement, quantum theory, the types of bonding, the properties of gases, the types of energy, and the properties of acids, bases, and salts. To support theory, students perform various chemical-reaction experiments. Knowledge gained in this course prepares students for more complex theoretical and practical applications in subsequent technical courses.
*Prerequisites: : Semester I Courses*

**MLT 122 Microbiology I**
*Total Course Hours: 90 (30 Theory, 60 Lab, 0 Extern) Semester Credits: 4.0*
This course introduces the theories and principles applicable to clinical microbiology. Students learn the different biosafety levels and the required personal protective equipment required for each. Topics include the geographical distribution, life cycle, pathology, morphology, and clinical diagnosis of pathogenic and nonpathogenic organisms. Students learn basic Gram and Wright staining techniques and explore the various methods of collection of specimens for microbiology testing. Content also addresses the different types of growth media and how they are used to grow, isolate, and identify bacteria, viruses, yeast, and fungi.
*Prerequisites: : Semester I Courses*

**MLT 141 Clinical Chemistry**
*Total Course Hours: 45 (30 Theory, 15 Lab, 0 Extern) Semester Credits: 2.5*
This course introduces the theory and clinical interpretation of carbohydrates, lipids, and proteins needed for clinical laboratory testing. Students learn about manual and automated laboratory testing methods completed in the clinical chemistry department. Topics include laboratory standard operating procedures, quality assurance, and quality control standards for all chemistry tests performed. Content also addresses therapeutic drug monitoring as well as the theory, clinical interpretation, roles of enzymes, electrolytes, toxic substances, trace elements, steroids, hormones, and vitamins in homeostasis.
*Prerequisites: : Semester I Courses*

Semester III
**CLE 100 Medical Law and Ethics**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course introduces the legal and ethical principles and practices in the workplace, particularly in health care settings. Topics include the laws that govern and limit professional scopes of practice, codes of ethics, ethical and legal issues, federal and state regulations, and medical negligence.
*Prerequisites: Semesters I and II courses*

**MLT 123 Microbiology II**
*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Extern) Semester Credits: 3.5*
This course builds upon the theories and principles of microbiology previously explored in Microbiology I. Students explore microbial taxonomy, classification, nomenclature, genetics, metabolism, and structure of various organisms. Through culture, Gram staining, biochemical, and immunochemical testing techniques, students will recognize, isolate, and identify the most common bacterial, viral, parasitic, and fungal pathogens as well as identify their most common sites of infection. Additional topics include the principles of antimicrobial action and resistance.
*Prerequisites: Semesters I and II courses*

**MLT 132 Hematology I**
*Total Course Hours: 90 (30 Theory, 60 Lab, 0 Extern) Semester Credits: 4.0*
This course explores the practices and principles of theory and testing in the clinical hematology laboratory. Content addresses the use and function of the microscope in hematology testing as well as identification of blood-cell components and their role in homeostasis. Students participate in hands-on activities to learn and perform phlebotomy and slide-making/staining skills. They also perform complete blood counts, including white- and red-blood cell counts, platelet counts, hemoglobin determinations, hematocrit values, blood-smear differential, red-cell indices calculations, sedimentation rates, reticulocyte counts, and gene mutations.
*Prerequisites: Semesters I and II courses*

**MLT 162 Immunology and Serology**
*Total Course Hours: 45 (30 Theory, 15 Lab, 0 Extern) Semester Credits: 2.5*
This course introduces the concepts of basic immunology. Students become familiar with the types of pathogens that can invade the body, the different immune responses to those pathogens, and the cells that are involved in those responses. Content addresses the structure and creation of antibodies and pathogenic conditions related to hypersensitivity and autoimmunity. Students learn about the clinical manifestations of various diseases and perform serological testing for the presence or absence of antigens and antibodies related to them.
*Prerequisites: Semesters I and II courses*

**PHL 115 Phlebotomy**
*Total Course Hours: 60 (15 Theory, 45 Lab, 0 Extern) Semester Credits: 2.5*
This course introduces students to proper collection, handling, and processing of blood using various collection methods. Content focuses on the general equipment and supplies needed for phlebotomy as well as the different types of containers needed for clinical testing. Students perform capillary and venipuncture collection techniques. Topics include the order of draw, procedural errors that lead to blood collection failure, and how to respond to adverse patient reactions. Students demonstrate an understanding of universal precautions, appropriate bedside manner, possible preanalytical errors, and proper labeling.
*Prerequisites: Semesters I and II courses*

Semester IV

**CMS 101 Career Marketing Strategies**

*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*

Students create a portfolio including resumes, references, cover letters, and thank-you letters. Students learn how to evaluate job offers and skills and participate in mock interviews.

*Prerequisites: Semesters I, II, and III courses*

**MLT 133 Hematology II**

*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Extern) Semester Credits: 3.0*

This course continues the practices and principles of theory and testing in the clinical hematology laboratory that were introduced in Hematology I. Students examine abnormal blood smears to include erythrocyte destruction, leukemias, myeloproliferative disorders, hemoglobinopathies, and thalassemias and will discuss the clinical manifestations of each. Topics include cytochemical staining, flow cytometry,and cytogenetics testing methods that are used to identify a variety of hematologic diseases.

*Prerequisites: Semesters I, II, and III courses*

**MLT 171 Urinalysis and Body Fluids**

*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Extern) Semester Credits: 3.0*

This course introduces the anatomy and physiology of the kidney as well as the physical, chemical, and microscopic components of urine. Students investigate the relationship of pathological conditions in the renal system to the diagnosis of metabolic diseases and other disorders. They also explore the proper processing, handling, and testing of other bodily fluids.

*Prerequisites: Semesters I, II, and III courses*

**MLT 182 Hemostasis and Coagulation**

*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*

This course introduces the clotting mechanisms, platelet structure and function, and the maintenance of vascular integrity including both intrinsic and extrinsic systems that are required for hemostasis. Students explore thrombotic diseases, platelet disorders, hemorrhagic disorders, factor deficiencies, and the testing and treatment of these disorders.

*Prerequisites: Semesters I, II, and III courses*

**MLT 201 Immunohematology and Blood Banking**

*Total Course Hours: 90 (30 Theory, 60 Lab, 0 Extern) Semester Credits: 4.0*

This course introduces the importance of blood typing in the clinical laboratory. Students build on their knowledge of antigen-antibody testing methods in order to understand and perform ABO grouping, Rh typing, compatibility testing, antibody identification, and component therapy selection. They also explore donor screening, donor blood processing, and appropriate quality control and quality assurance procedures.

*Prerequisites: Semesters I, II, and III courses*

Semester V

**MLT 205 Medical Laboratory Review**

*Total Course Hours: 90 (30 Theory, 60 Lab, 0 Extern) Semester Credits: 4.0*

This course is designed to prepare students for the application process and testing procedures needed for completion of their certification exam. Content provides review of all laboratory materials, competencies, and guidelines necessary for completion of the exam.

*Prerequisites: Semesters I, II, III, and IV courses*

**MLT 210 Externship**

*Total Course Hours: 400 (0 Theory, 0 Lab, 400 Extern) Semester Credits: 8.5*

The purpose of this course is to provide students with a clinical laboratory experience in a CLIA-approved laboratory. Clinical experiences expose students to the necessary skills required of the profession. The clinical experience covers the major sections of clinical laboratory testing including chemistry, hematology/coagulation, body fluids/urinalysis, immunology/serology, immunohematology, and microbiology.

*Prerequisites: Semesters I, II, III, and IV courses and MLT 205*

# Occupational Therapy Assistant

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level occupational therapy assistants through didactic instruction, hands-on laboratory practice, and clinical experiences. Students have the opportunity to develop professional skills in activity analysis, growth and development, human occupations, principles of occupational therapy, therapeutic modalities, administrative procedures, and ethics and laws governing the practice of occupational therapy.

Graduates of this program at the El Paso and Houston campuses receive an Associate of Applied Science Degree, while graduates at other PMI campuses receive an Associate of Occupational Science. Graduates of accredited OTA programs are eligible to apply to take the national certification examination for occupational therapy assistant (COTA) administered by the National Board for Certification in Occupational Therapy (NBCOT).

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CMT 105* | *Medical Terminology* | *16* | | | *1.0* |
| *BIO 105* | *Anatomy and Physiology I* | *48* | *32* | | *4.0* |
| OTA 102 | Introduction to Occupational Therapy | 48 | | | 3.0 |
| *MTH 125* | *Math and Statistics* | *16* | | | *1.0* |
| *CCM 150* | *Communications for the Health Professions* | *48* | | | *3.0* |
| *PSY 130* | *Psychology* | *48* | | | *3.0* |
| | **Semester I Total** | **224** | **32** | | **15.0** |
| **Semester II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *HST 205* | *Nevada History and US Constitution** | *45* | | | *3.0* |
| *BIO 106* | *Anatomy and Physiology II* | *48* | *32* | | *4.0* |
| OTA 130 | Occupational Analysis | 32 | | | 2.0 |
| OTA 201 | Documentation for the OTA | 32 | | | 2.0 |
| OTA 108 | Growth and Development | 48 | | | 3.0 |
| OTA 115 | Principles of OT in Mental Health | 48 | 16 | | 3.5 |
| | **Semester II Total** | **253** | **48** | | **17.5** |

***Represents the Las Vegas Campus.**

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| OTA 125 | Kinesiology | 32 | 16 | | 2.5 |
| OTA 110 | Fundamentals of Occupational Therapy | 32 | | | 2.0 |
| OTA 206 | Human Occupations I | 48 | 32 | | 4.0 |
| OTA 215 | Principles of OT in Physical Health | 48 | 16 | | 3.5 |
| OTA 220 | Fieldwork I | | | 80 | 1.5 |
| | **Semester III Total** | **160** | **64** | **80** | **13.5** |
| **Semester IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| OTA 209 | Human Occupations II | 40 | 32 | | 3.5 |
| OTA 230 | Administrative Procedures | 32 | | | 2.0 |
| OTA 245 | Pediatric Practice for the OTA | 40 | 32 | | 3.5 |
| OTA 250 | Specific Populations for the OTA | 32 | 16 | | 2.5 |
| OTA 226 | Professional Development Strategies | 32 | | | 2.0 |
| | **Semester IV Total** | **176** | **80** | | **13.5** |
| **Semester V** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| OTA 221 | Fieldwork II A | | | 320 | 7.0 |
| OTA 222 | Fieldwork II B | | | 320 | 7.0 |
| | **Semester V Total** | | | **640** | **14.0** |
| | **Program Total** | **768** | **224** | **720** | **70.5** |
| | **Las Vegas Program Total** | **813** | **224** | **720** | **73.5** |

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground or hybrid*

**See "Note" on Course Descriptions page*

**Semester Credits:** 70.5
(73.5 Las Vegas campus; program includes HST 205 Nevada History and US Constitution, which is 3.0 credits)

| Program Length | Total |
|---|---|
| Program Hours | 1,712<br>1,757* |
| Program Weeks | 80 |
| Program Semesters<br>(16 weeks per semester) | 5 |

* Las Vegas campus.

## Campus Locations

AZ: Mesa, Tucson
CA: San Marcos
CO: Denver
NV: Las Vegas
TX: El Paso, Houston

# Occupational Therapy Assistant • Course Descriptions

*Note: Hybrid delivery is offered only at the Houston, Las Vegas, Mesa, and San Marcos campuses. Refer to the Prospective Student Handout at these campuses for course-specific delivery methods in these hybrid programs.*

Semester I

**CMT 105 Medical Terminology**
*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
The course focuses on the development of a basic framework for the language of medicine. Through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes, students learn to create, analyze, and apply medical terms.
*Prerequisites: None*

**BIO 105 Anatomy and Physiology I**
*Total Course Hours: 80 (48 Theory, 32 Lab, 0 Extern) Semester Credits: 4.0*
As the first part of a two-part anatomy and physiology introductory sequence, this course covers basic biological principles that are foundational to the study of anatomy and physiology including basic biochemistry, cellular structure and function, and organization of the human body. Students will learn the anatomy and physiology of the skeletal, muscular, nervous, and integumentary systems in this course. Pathology of these systems and the relationship of disease and disability to occupational therapy practice will be introduced.
*Prerequisites: None*

**OTA 102 Introduction to Occupational Therapy**
*Total Course Hours: 48 (48 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
The course provides the student with an introduction to occupational therapy, including the various types of practice settings, client populations, roles, and the occupational therapy process. The foundation of occupational therapy will be explored—the profession's history, ethics standards, and occupational therapy values. A variety of resources will be introduced, including the standards of practice and the Occupational Therapy Practice Framework: Domain and Process.
*Prerequisites: None*

**MTH 125 Math and Statistics**
*Total Course Hours 16 (16 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course covers the general math and statistics applications. Topics include basic math operations, fractions and decimals, percents, the metric system and graphs. Students will learn how statistical data are compiled and interpreted. Knowledge gained in this course will prepare the student for more complex theoretical and practical applications in subsequent technical courses.
*Prerequisites: None*

**CCM 150 Communications for the Health Professions**
*Total Course Hours: 48 (48 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides instruction on the wide range of communication skills necessary for success in health professions. Students will learn effective communication skills to enable appropriate and professional collaboration with client, family, and other professionals. Course content provides opportunities for students to communicate through a variety of media, to give and receive feedback, and to appreciate and consider the context of the variety of communication needs and styles of patients/clients, coworkers, other professionals, the general public and other contextual factors. Ethical and legal concerns related to documentation, effective use of written and oral communications, and those related to certain technologies are identified and explored.
*Prerequisites: None*

**PSY 130 Psychology**
*Total Course Hours: 48 (48 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course begins to explore the psychological nature of humans and their interactions. Students will gain an understanding of basic psychological concepts as well as an awareness of self and how these elements provide a foundation for interfacing with the social environment. Topics include but are not limited to adaptation, psychological diagnoses and dysfunction, communication, group processes, and the impact of health on behavior.
*Prerequisites: None*

Semester II

**HST 205 Nevada History and US Constitution (Las Vegas Campus Only)**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
A survey of the history of the state of Nevada with focus on mining, gaming, government and recent developments in population expansion. The course will review the Nevada State Constitution and legal ramifications. The essentials of the US Constitution will also be examined. The course is designed to meet Nevada History/US Constitution associate degree requirements.
*Prerequisites: None*

**BIO 106 Anatomy and Physiology II**
*Total Course Hours: 80 (48 Theory, 32 Lab, 0 Extern) Semester Credits: 4.0*
This course is a continuation of BIO 105. Subjects covered include central and peripheral nervous system, lymphatic system, immune system, anatomy and physiology of the respiratory system, anatomy and physiology of the digestive system, urinary system, acid-base balance, and male and female reproductive systems. Knowledge gained in this course will prepare the student for more complex theoretical and conceptual discussions of structures and functions of the human body in future technical courses. The student will examine the body as a totally integrated and dynamic structure. Laboratory time will be available for specific anatomical structure identification.
*Prerequisites: BIO 105 Anatomy and Physiology I and Semester I OTA-designated courses*

**OTA 130 Occupational Analysis**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course introduces the concepts of task, activity, and performance analysis. Students will learn the basics of grading and adapting tools, materials, and the environment, which will be applied in subsequent OTA courses in order to develop the occupational performance of various populations. Students will learn to consider the domains of Occupational Therapy Practice Framework: Domain and Process in the process of activity analysis.
*Prerequisites: BIO 105 Anatomy and Physiology I, PSY 130 Psychology, and Semester I OTA-designated courses*

**OTA 201 Documentation for the OTA**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course teaches the basic skills required for effective documentation for various practice settings and treatment approaches. The student will document according to pertinent reimbursement issues, practice setting guidelines, and steps within the occupational therapy process. The legal implications of documentation will be discussed. Students will demonstrate entry level use of various forms of documentation in print and electronic formats.
*Prerequisites: BIO 105 Anatomy and Physiology I, CMT 105 Medical Terminology, and Semester I OTA-designated courses*

**OTA 108 Growth and Development**
*Total Course Hours: 48 (48 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course covers typical human growth and development as it occurs across the life span in physical, psychological, and cognitive domains. Emphasis will be placed on the relationship of development, health, and wellness to occupational performance in all stages of life. Multicultural perspectives as well as the impact of environmental, sociological, socioeconomic, and other diversity factors on human development will be considered.
*Prerequisites: BIO 105 Anatomy and Physiology I, PSY 130 Psychology, and Semester I OTA-designated courses*

**OTA 115 Principles of OT in Mental Health**
*Total Course Hours: 64 (48 Theory, 16 Lab, 0 Extern) Semester Credits: 3.5*
This course focuses on the biological/psychological/social models of mental health practice, common diagnoses, and traditional and emerging practice settings. Students will be introduced to approaches and modalities commonly used in mental health settings and their integration with occupational therapy practice. The course will cover the use of groups, selected assessments, and other occupational performance-based interventions. A focus will be on performance skills, which include emotion regulation and cognition.
*Prerequisites: BIO 105 Anatomy and Physiology I, PSY 130 Psychology, and Semester I OTA-designated courses*

Semester III
**OTA 125 Kinesiology**
*Total Course Hours: 48 (32 Theory, 16 Lab, 0 Extern) Semester Credits: 2.5*
This combined lecture and lab course acquaints students with principles of movement as it supports occupation. Students will review key concepts of anatomy and physiology and apply these to biomechanical function. Students will gain an appreciation for the structures of the body and basic physics concepts that allow functional mobility and activity. Students will apply kinesiology concepts to manual muscle testing, range of motion assessment, and analysis of movement.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I and II OTA-designated courses*

**OTA 110 Fundamentals of Occupational Therapy**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides an integration of the theoretical foundations of the profession with practice. Concepts that guide clinical reasoning in practice including locating and understanding research and considering social determinants of health will be interwoven with the domain and process of occupational therapy. Students will begin to relate frames of reference to client populations and various practice settings, and to use clinical reasoning effectively within the guidelines of roles, ethics, and scope of practice.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, PSY 130 Psychology, and Semesters I and II OTA-designated courses*

**OTA 206 Human Occupations I**
*Total Course Hours: 80 (48 Theory, 32 Lab, 0 Extern) Semester Credits: 4.0*
This lecture/lab course presents a “toolbox” for commonly used intervention strategies. Students will learn treatment interventions commonly used in occupational therapy practice with an emphasis on occupation as an intervention technique as well as an outcome of treatment. Activities preparatory to participation in occupation are also included. This “toolbox” includes techniques for client (re)training in ADLs, IADLs, transfers and mobility, use of adaptive equipment, neuromuscular function, and sensory perception as needed to address occupational needs.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, PSY 130 Psychology, and Semesters I and II OTA-designated courses*

**OTA 215 Principles of OT in Physical Health**
*Total Course Hours: 64 (48 Theory, 16 Lab, 0 Extern) Semester Credits: 3.5*
This course examines the biological/psychological/social models of physical health and wellness, focusing on the common diagnoses and pathologies most often encountered in occupational therapy (OT) practice. Also introduced are examples of assessments used for various diagnoses and pathologies, especially those of the musculoskeletal and cardiopulmonary systems. Students will be introduced to occupational therapy interventions commonly used in physical health and emerging practice settings through discussion and hands-on experience within the lab setting. Students will explore occupational therapy treatment and other occupational performance-based interventions within the scope, roles, frames of reference, and practice guidelines related to physical health and wellness. A focus will be performance skills that include motor, process, and social interaction.

*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I and II OTA-designated courses*

**OTA 220 Fieldwork I**
*Total Course Hours: 80 (0 Theory, 0 Lab, 80 Extern) Semester Credits: 1.5*
This course provides the student with the opportunity to recognize the use of models of practice and occupational therapy skills in practice settings under the supervision of qualified and credentialed practitioner(s). Fieldwork consists of 80 hours of placement in selected settings.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I and II OTA-designated courses*

Semester IV
**OTA 209 Human Occupations II**
*Total Course Hours: 72 (40 Theory, 32 Lab, 0 Extern) Semester Credits: 3.5*
This course is the culmination of didactic instruction in the academic program. Drawing on pertinent aspects of the domain of occupational therapy, students will analyze the client's occupational therapy needs, synthesize occupation-based interventions, and begin to critique their application of occupational therapy concepts. Students will examine the basic principles of physical agent modalities (PAMs) and other specialty interventions commonly used in occupational therapy practice, and practice techniques related to their use. Students will participate in hands-on scenarios simulating those situations likely to be encountered during fieldwork and in practice.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I, II, and III OTA-designated courses*

**OTA 230 Administrative Procedures**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course introduces the occupational therapy assistant (OTA) student to administrative procedures in practice and prepares them for contributing to program management. Students will participate in program development and evaluation activities, analysis of professional literature, and promotion of the profession. Students will explore management versus leadership skills and the application of administrative procedures.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I, II, and III OTA-designated courses*

**OTA 245 Pediatric Practice for the OTA**
*Total Course Hours: 72 (40 Theory, 32 Lab, 0 Extern) Semester Credits: 3.5*
In this course students will examine limitations and obstacles to occupational engagement for people from birth through 21 years of age. Students will examine the role of the occupational therapy assistant (OTA) in pediatric settings and the function of occupational therapy in the field of pediatrics. Students will explore common disabilities and diagnoses and their implications for treatment in areas of occupation in traditional, community-based, and emerging practice settings. Students will learn treatment interventions commonly used by the OTA in pediatric practice. Students will synthesize occupation-based mental and physical health concepts related to occupational performance interventions with the pediatric population.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I, II, and III OTA-designated courses*

**OTA 250 Specific Populations for the OTA**
*Total Course Hours: 48 (32 Theory, 16 Lab, 0 Extern) Semester Credits: 2.5*
In this course students will synthesize occupation-based mental and physical health concepts as applied to commonly used occupational performance interventions with neurological, bariatric, geriatric, and emerging populations. In addition to exploring treatment in traditional practice settings, students will generalize their knowledge, skills, and abilities to community-based settings and emerging practice settings. An emphasis will be placed on interacting with and teaching caregivers and family members.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I, II, and III OTA-designated courses*

**OTA 226 Professional Development Strategies**
*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This seminar course prepares the student for fieldwork and practice by examining professional development strengths and needs and formulating a plan for advocating for oneself and the profession. To accomplish this, students will explore supervisory needs, set goals for fieldwork success, and examine effective job search strategies. In addition, students will review and prepare for the National Board for Certification in Occupational Therapy (NBCOT) Certified Occupational Therapy Assistant (COTA®) exam.
*Prerequisites: BIO 105 Anatomy and Physiology I, BIO 106 Anatomy and Physiology II, and Semesters I, II, and III OTA-designated courses*

Semester V
**OTA 221 Fieldwork II A**
*Total Course Hours: 320 (0 Theory, 0 Lab, 320 Extern) Semester Credits: 7.0*
This fieldwork course provides the student with the opportunity to apply learned models of practice and occupational therapy skills in a practice setting under the supervision of qualified and credentialed occupational therapy practitioner(s). This fieldwork consists of 320 hours of placement in selected settings.
*Prerequisites: Semesters I, II, III, and IV courses*

**OTA 222 Fieldwork II B**
*Total Course Hours: 320 (0 Theory, 0 Lab, 320 Extern) Semester Credits: 7.0*
This fieldwork course provides the student with the opportunity to apply learned models of practice and occupational therapy skills in a practice setting under the supervision of qualified and credentialed occupational therapy practitioner(s). This fieldwork consists of 320 hours of placement in selected settings.
*Prerequisites: Semesters I, II, III, and IV courses*

# Radiography

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level radiologic technologists through didactic instruction, hands-on laboratory practice, and clinical experiences. Among the topics covered in the curriculum are anatomy and physiology, communication, medical terminology, methods of patient care, psychology, ethics, radiographic techniques, image analysis, and quality assurance, and other topics necessary to be effective members of the radiography team.

Graduates of the program receive an Associate of Applied Science Degree. Graduates are qualified to apply to take the American Registry of Radiologic Technologists (ARRT) examination for certification.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground or hybrid*
**See "Note" on Course Descriptions page*

**Semester Credits:** 80.0
(83.0 Las Vegas; program includes HST 205 Nevada History and US Constitution, which is 3.0 credits)

| Program Length | Total |
|---|---|
| Program Hours | 2,378<br>2,423* |
| Program Weeks | 90 |
| Program Semesters<br>(15 weeks per semester) | 6 |

*Las Vegas Campus

## Campus Locations

AZ: Mesa, Tucson
CA: Chula Vista
CO: Denver
NV: Las Vegas
NM: Albuquerque
TX: El Paso, Houston, San Antonio
WA: Seattle

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *BIO 154* | *Anatomy and Physiology I* | *30* | | | *2.0* |
| *CCM 154* | *Communications* | *30* | | | *2.0* |
| *CMT 154* | *Medical Terminology* | *15* | | | *1.0* |
| *MTH 154* | *Algebra* | *45* | | | *3.0* |
| RAD 145 | Radiographic Physics | 45 | | | 3.0 |
| RAD 155 | Positioning I | 45 | 30 | | 4.0 |
| | **Semester I Total** | **210** | **30** | | **15.0** |
| **Semester II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *BIO 164* | *Anatomy and Physiology II* | *45* | | | *3.0* |
| *CLE 164* | *Medical Law and Ethics* | *30* | | | *2.0* |
| RAD 165 | Positioning II | 45 | 30 | | 4.0 |
| RAD 175 | Methods of Patient Care | 45 | 8 | | 3.0 |
| RAD 185 | Principles of Exposure | 45 | | | 3.0 |
| | **Semester II Total** | **210** | **38** | | **15.0** |
| **Semester III** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *HST 205** | *Nevada History and US Constitution** | *45* | | | *3.0* |
| RAD 255 | Advanced Imaging | 30 | | | 2.0 |
| RAD 265 | Radiographic Biology | 30 | | | 2.0 |
| RAD 201 | Clinical Externship I | | | 420 | 9.0 |
| | **Semester III Total** | **105** | | **420** | **16.0** |

*Represents the Las Vegas Campus.

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *PSY 174* | *Introduction to Psychology* | *30* | | | *2.0* |
| RAD 275 | Pathology I | 15 | | | 1.0 |
| RAD 202 | Clinical Externship II | | | 420 | 9.0 |
| | **Semester IV Total** | **45** | | **420** | **12.0** |
| **Semester V** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RAD 285 | Pathology II | 15 | | | 1.0 |
| RAD 295 | Image Quality and Analysis | 45 | | | 3.0 |
| RAD 203 | Clinical Externship III | | | 420 | 9.0 |
| | **Semester V Total** | **60** | | **420** | **13.0** |
| **Semester VI** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RAD 299 | Registry Review | 45 | | | 3.0 |
| RAD 204 | Clinical Externship IV | | | 420 | 9.0 |
| | **Semester VI Total** | **45** | | **420** | **12.0** |
| | **Program Total** | **630** | **68** | **1,680** | **80.0** |
| | **Las Vegas Program Total** | **675** | **68** | **1,680** | **83.0** |

# Radiography • Course Descriptions

*Note: Hybrid delivery is offered only at Chula Vista, Denver, Las Vegas, Seattle, and Tucson campuses. Refer to the Prospective Student Handout at these campuses for course-specific delivery methods in these hybrid programs.*

Semester I

**BIO 154 Anatomy and Physiology I**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides the student with knowledge of the structure and function of the human body. Course content includes the structure and function of the integumentary, muscular, and skeletal systems. Course content also addresses the roles of cellular, tissue, and organ structures with each system and within the human body as a whole.
*Prerequisites: None*

**CCM 154 Communications**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course addresses a broad range of communication skills and provides students with an overview of interpersonal, technical, and professional communications. The topics include but are not limited to effective oral and written communication styles, adaptation and communication within groups, active listening techniques, technical and professional writing methods, presentations, and communicating on a level that encompasses diversity. Students will apply critical thinking skills toward group discussions and evaluation of communication styles from a professional point of view.
*Prerequisites: None*

**CMT 154 Medical Terminology**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course focuses on the development of a basic framework for the language of medicine. Through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes, students learn to analyze and apply medical terms.
*Prerequisites: None*

**MTH 154 Algebra**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with the fundamentals of college algebra. Mathematical operations covered include fractions, decimals, algebraic equations, basic statistics, word problems, and graphing.
*Prerequisites: None*

**RAD 145 Radiographic Physics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an in-depth analysis of radiologic physics. Some of the topics and principles covered include atomic structure, electricity, electromagnetism, equipment operation and maintenance, x-ray production, and x-ray interactions.
*Prerequisites: None*

**RAD 155 Positioning I**
*Total Course Hours: 75 (45 Theory, 30 Lab, 0 Extern) Semester Credits: 4.0*
This course covers basic terminology, anatomy, and radiographic procedures. Laboratory practice is through peer simulation and/or radiographic exposure of man-made models.
*Prerequisites: None*

Semester II

**BIO 164 Anatomy and Physiology II**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
A continuation of BIO 154, course content includes the structure and function of the endocrine, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.
*Prerequisites: BIO 154 Anatomy and Physiology I*

**CLE 164 Medical Law and Ethics**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
Students are provided an overview of ethics and the law as they apply to medical professions and practice. Topics include scope of practice, legal issues, ethical considerations, patient rights, informed consent, standards of care, documentation, and workplace issues, including employment discrimination.
*Prerequisites: None*

**RAD 165 Positioning II**
*Total Course Hours: 75 (45 Theory, 30 Lab, 0 Extern) Semester Credits: 4.0*
This course is a continuation of RAD 155. Students will also learn advanced positioning skills for age-specific populations. Laboratory practice is through peer simulation and/or radiographic exposure of man-made models.
*Prerequisites: Semester I courses*

**RAD 175 Methods of Patient Care**
*Total Course Hours: 53 (45 Theory, 8.0 Lab, 0 Extern) Semester Credits: 3.0*
Students are instructed in basic patient-care skills as they apply to radiologic technology. Emphasis is placed on safety, infection control, aseptic techniques, administration of contrast media, venipuncture, pharmacology, patient assessment, care of the critical patient and emergency care, and the care of tubes, catheters and vascular lines. In California, this course will provide the education and training for venipuncture certification.
*Prerequisites: Semester I courses*

**RAD 185 Principles of Exposure**
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course covers the factors that affect the diagnostic quality of radiographic images. Topics covered include image acquisition, digital imaging systems, image processing, beam limitation, grids, contrast, receptor exposure, spatial resolution, and structural considerations.
*Prerequisites: Semester I courses*

Semester III
**HST 205 Nevada History and US Constitution** (Las Vegas Campus Only)
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
A survey of the history of the state of Nevada with focus on mining, gaming, government and recent developments in population expansion. The course will review the Nevada State Constitution and legal ramifications. The essentials of the US Constitution will also be examined. The course is designed to meet Nevada History/US Constitution Associate degree requirement.
*Prerequisites: None*

**RAD 255 Advanced Imaging**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course presents radiography skills and equipment used in various imaging procedures and advanced modalities. Topics include but are not limited to cardiovascular and interventional radiography, computed tomography imaging, magnetic resonance imaging, mammography, bone densitometry, ultrasound, nuclear medicine, and radiation oncology.
*Prerequisites: Semesters I and II courses*

**RAD 265 Radiographic Biology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides the student with instruction on x-ray interactions with matter, radiation effects on the molecular and cellular levels, acute and long-term radiation responses, and radiation protection principles.
*Prerequisites: Semesters I and II courses*

**RAD 201 Clinical Externship I**
*Total Course Hours: 420 (0 Theory, 0 Lab, 420 Extern) Semester Credits: 9.0*
This course provides clinical experience under the supervision of clinical staff and faculty correlated with theories presented in the classroom. Students will develop clinical competence by performing a variety of radiographic procedures on a diverse patient population. Student learning and competence will be determined in part through frequent critique and evaluation, as well as specific formative and summative assessment tools. Students are expected to demonstrate increasing clinical skill and competence.
*Prerequisites: Semesters I and II courses*

Semester IV
**PSY 174 Introduction to Psychology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course introduces basic concepts in human psychology through an overview of the foundations of the discipline and a more in-depth look at contemporary approaches in the field. Among the many topics included are mental health, well-being, behavior, cognition, personality traits, life-span development, social interactions, and various therapies used to treat psychological disorders.
*Prerequisites: None*

**RAD 275 Pathology I**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course provides an overview of radiographic pathology. Topics include pathologies of the musculoskeletal, respiratory, gastrointestinal, hepatobiliary, and urinary systems.
*Prerequisites: Semesters I, II, and III courses*

**RAD 202 Clinical Externship II**
*Total Course Hours: 420 (0 Theory, 0 Lab, 420 Extern) Semester Credits: 9.0*
This course is a continuation of RAD 201 and provides the student with clinical experience under the supervision of clinical staff and faculty. Students will develop clinical competence by performing a variety of radiographic procedures on a diverse patient population. Student learning and competence will be determined in part through frequent critique and evaluation, as well as specific formative and summative assessment tools. Students are expected to demonstrate increasing clinical skill and competence.
*Prerequisites: Semesters I, II, and III courses*

Semester V

**RAD 285 Pathology II**

*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*

This course is a continuation of RAD 275. Topics include pathologies of the hematopoietic, cardiovascular, nervous, endocrine, and reproductive systems, and diseases and trauma.

*Prerequisites: Semesters I, II, III, and IV courses*

**RAD 295 Image Quality and Analysis**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course builds upon the foundations of classroom theory and practical externship in the critique of radiographic image quality, with an emphasis on image analysis.

*Prerequisites: Semesters I, II, III, and IV courses*

**RAD 203 Clinical Externship III**

*Total Course Hours: 420 (0 Theory, 0 Lab, 420 Extern) Semester Credits: 9.0*

This course is a continuation of RAD 202 and provides the student with clinical experience under the supervision of clinical staff and faculty. Students will develop clinical competence by performing a variety of radiographic procedures on a diverse patient population. Student learning and competence will be determined in part through frequent critique and evaluation, as well as specific formative and summative assessment tools. Students are expected to demonstrate increasing clinical skill and competence.

*Prerequisites: Semesters I, II, III, and IV courses*

Semester VI

**RAD 299 Registry Review**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course is designed to prepare students for examination for certification by the American Registry of Radiologic Technologists (ARRT).

*Prerequisites: Semesters I, II, III, IV, and V courses*

**RAD 204 Clinical Externship IV**

*Total Course Hours: 420 (0 Theory, 0 Lab, 420 Extern) Semester Credits: 9.0*

This course is a continuation of RAD 203 and provides the student with clinical experience under the supervision of clinical staff and faculty. Students will develop clinical competence by performing a variety of radiographic procedures on a diverse patient population. Student learning and competence will be determined in part through frequent critique and evaluation, as well as specific formative and summative assessment tools. Students are expected to demonstrate the clinical skill and competence as required of an entry-level radiographer.

*Prerequisites: Semesters I, II, III, IV, and V courses*

I had gone to college for several years and had finally determined my career path. I first came to PMI in 2005 after the college I was attending in Hawaii discontinued their radiologic technologist program. I chose PMI because it was the best and fastest way to get to my goal. Like many students, I needed to bring in an income while in school. So anytime my school schedule changed during my clinical externships, I found a new job that would accommodate my schedule. During PMI's bachelor program I was a new mom and had both a full- and part-time job. Both programs were completely doable during these times in my life as long as I committed myself and knew that each one would better my future.

My instructors were knowledgeable and completely prepared me for my profession. I was hired directly out of school at one of my externship sites where I've been working for nearly 10 years. I continued to advance myself through education; getting my CT certification and my bachelor's degree through PMI's Online program. The idea of teaching future technologists and being able to share my knowledge got me excited, so I began teaching part time at PMI. Eventually, I became a full time instructor.

PMI gave me a great start on my career path. My goal now is to share that same knowledge and passion with my students. Thanks PMI!

Jolene Pobrislo
Associate Degree, Radiography, Tucson Campus
Bachelor Degree, Radiologic Sciences, Online Education

# Respiratory Therapy

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level respiratory therapists through didactic instruction and hands-on laboratory and clinical experiences. Among the topics covered in the curriculum are skills in advanced respiratory care techniques including neonatal, pediatric, and adult special care procedures, general and advanced pharmacology, cardiopulmonary disease, patient assessment, and therapeutics.

Graduates of the program receive an Associate of Applied Science Degree and are eligible to apply to take the National Board for Respiratory Care Therapist Multiple-Choice (TMC) Examination. Those who meet the threshold on the TMC exam are eligible to take the Clinical Simulation Examination (CSE) to obtain the Registered Respiratory Therapist (RRT) credential.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *MT 103* | *Math Applications* | *30* | | | *2.0* |
| *BIO 127* | *Anatomy and Physiology* | *70* | | | *4.5* |
| RES 116 | Cardiac Anatomy and Physiology | 30 | | | 2.0 |
| RES 118 | Pulmonary Anatomy and Physiology | 75 | | | 5.0 |
| *CHP 111* | *Respiratory Sciences* | *35* | | | *2.0* |
| | **Semester I Total** | **240** | | | **15.5** |
| **Semester II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *HST 205** | *Nevada History and US Constitution* | *45* | | | *3.0* |
| *RX 151* | *Pharmacology* | *40* | | | *2.5* |
| RES 131 | Cardiopulmonary Diagnostics | 40 | 30 | | 3.5 |
| RES 141 | Cardiopulmonary Diseases | 50 | | | 3.0 |
| RES 180 | Respiratory Therapeutics I | 30 | 25 | | 2.5 |
| *PC 122* | *Patient Assessment* | *20* | *15* | | *1.5* |
| *MB 120* | *Microbiology* | *20* | | | *1.0* |
| | **Semester II Total** | **245** | **70** | | **17.0** |

* Represents the Las Vegas Campus.

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RES 185 | Respiratory Therapeutics II | 40 | 50 | | 4.0 |
| RES 242 | Emergency Care | 35 | 15 | | 2.5 |
| RES 211 | Critical Care Techniques | 40 | 15 | | 3.0 |
| RES 160 | Respiratory Pediatrics | 30 | | | 2.0 |
| RES 201 | Pulmonary Rehabilitation & Wellness | 15 | | | 1.0 |
| *CCM 102* | *Healthcare Communications* | *45* | | | *3.0* |
| | **Semester III Total** | **205** | **80** | | **15.5** |
| **Semester IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RES 281 | Introduction to Mechanical Ventilation | 60 | 60 | | 6.0 |
| RES 222 | Advanced Patient Care | 30 | 20 | | 2.5 |
| RES 190 | Respiratory Care Practicum I | | | 240 | 5.0 |
| | **Semester IV Total** | **90** | **80** | **240** | **13.5** |
| **Semester V** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RES 290 | Respiratory Care Practicum II | | | 240 | 5.0 |
| RES 251 | Advanced Pharmacology | 45 | | | 3.0 |
| RES 260 | Respiratory Perinatology | 50 | | | 3.0 |
| RES 231 | Advanced Pulmonary Diagnostics | 35 | | | 2.0 |
| | **Semester V Total** | **130** | | **240** | **13.0** |
| **Semester VI** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RES 270 | Cardiovascular Diagnostics | 50 | | | 3.0 |
| RES 287 | Advanced Mechanical Ventilation | 50 | 30 | | 4.0 |
| RES 295 | Respiratory Care Practicum III | | | 216 | 4.5 |
| RES 275 | NBRC Review Course | 35 | | | 2.0 |
| | **Semester VI Total** | **135** | **30** | **216** | **13.5** |
| | **Program Total** | **1,000** | **260** | **696** | **85.0** |
| | **Las Vegas Program Total** | **1,045** | **260** | **696** | **88.0** |

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground or hybrid*
**See "Note" on Course Descriptions page*

**Semester Credits:** 85.0
(88.0 Las Vegas; program includes HST 205 Nevada History and US Constitution, which is 3.0 credits)

| Program Length | Total |
|---|---|
| Program Hours | 1,956<br>2,001* |
| Program Weeks | 96 |
| Program Semesters<br>(16 weeks per semester) | 6 |

*Las Vegas Campus

## Campus Locations

AZ: Mesa, Tucson
CA: San Marcos
CO: Denver
NV: Las Vegas
NM: Albuquerque
TX: Houston
WA: Renton

# Respiratory Therapy • Course Descriptions

*Note: Hybrid delivery is offered only at Mesa, Denver, Las Vegas, and Renton campuses. Refer to the Prospective Student Handout at these campuses for course-specific delivery methods in these hybrid programs.*

Semester I

**MT 103 Math Applications**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course provides the student with the fundamentals of college algebra. Content includes fractions, decimals, percents, ratios and algebraic equations. Additional topics include a review of the metric system, scientific notation, graphing and dosing calculations.
*Prerequisites: None*

**BIO 127 Anatomy and Physiology**
*Total Course Hours: 70 (70 Theory, 0 Lab, 0 Extern) Semester Credits: 4.5*
The objective of this course is to provide the student with knowledge of the structure and function of the human body. Cells, tissues and organs are described and discussed as components of their respective systems. Course content includes the structure, function, and medical terminology for the following systems: integumentary, musculoskeletal, endocrine, cardiovascular (including blood, heart, blood vessels and circulation), lymphatic, immune, respiratory, digestive, urinary and reproductive systems.
*Prerequisites: None*

**RES 116 Cardiac Anatomy and Physiology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
Provides an in-depth study of the heart, including the functions of the heart, its components and the chemical and physical processes involved.
*Prerequisites: None*

**RES 118 Pulmonary Anatomy and Physiology**
*Total Course Hours: 75 (75 Theory, 0 Lab, 0 Extern) Semester Credits: 5.0*
The course provides an in-depth study of the lungs and their functions, including pulmonary structure and the physiology of gas transport. Topics include the anatomy of the airways and thorax and its relation to the function of gas movement in and out of the lungs. Pressure gradients, diffusion, perfusion and ventilation are studied in detail. The course will use formulae for arterial ($CaO_2$), alveolar ($PAO_2$), venous ($CvO_2$) and capillary ($CcO_2$) blood flow and gas exchange, oxygen delivery ($DO_2$) and consumption ($VO_2$). A detailed review of acid-base balances and interpretation of arterial blood gases is also an integral part of the course.
*Prerequisites: None*

**CHP 111 Respiratory Sciences**
*Total Course Hours: 35 (35 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course introduces chemistry concepts of atomic theory, the use of the periodic chart, and chemical bonding and balancing equations. This course will also include an introduction to basic physics, which includes laws of gaseous particles and diffusion, fluid dynamics, relative humidity, temperature, conversion, pressure, and partial pressures.
*Prerequisites: None*

Semester II

**HST 205 Nevada History and US Constitution** (Las Vegas Campus only)
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
A survey of the history of the state of Nevada with focus on mining, gaming, government and recent developments in population expansion. The course will review the Nevada State Constitution and legal ramifications. The essentials of the US Constitution will also be examined. The course is designed to meet Nevada History/US Constitution Associate degree requirement. *(Las Vegas Campus only)*
*Prerequisites: None*

**RX 151 Pharmacology**
*Total Course Hours: 40 (40 Theory, 0 Lab, 0 Extern) Semester Credits: 2.5*
Presents major pharmacological agents used in treating cardiopulmonary diseases. Provides knowledge of pharmaceutical classification, drug action and modes of administration, the metric system, medications, and special handling procedures.
*Prerequisites: RES 116 Cardiac Anatomy and Physiology and RES 118 Pulmonary Anatomy and Physiology*

**RES 131 Cardiopulmonary Diagnostics**
*Total Course Hours: 70 (40 Theory, 30 Lab, 0 Extern) Semester Credits: 3.5*
This course presents an introduction to basic cardiopulmonary diagnostic testing. Topics include but are not limited to ABGs, ECGs, CXR, and pulmonary function testing, which includes the machines, equipment, and accessories utilized for diagnosis.
*Prerequisites: RES 116 Cardiac Anatomy and Physiology and RES 118 Pulmonary Anatomy and Physiology*

**RES 141 Cardiopulmonary Diseases**
*Total Course Hours: 50 (50 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
In-depth study of cardiopulmonary diseases, the etiology of each disease, the clinical manifestations of each disease, and the appropriate management of the disease by the respiratory care practitioner.
*Prerequisites: RES 116 Cardiac Anatomy and Physiology and RES 118 Pulmonary Anatomy and Physiology*

**RES 180 Respiratory Therapeutics I**
*Total Course Hours: 55 (30 Theory, 25 Lab, 0 Extern) Semester Credits: 2.5*
The course provides an introduction to medical gas, storage systems, oxygen devices, monitoring systems, troubleshooting systems and the use of hyperbaric oxygen related to respiratory care.
*Prerequisites: RES 116 Cardiac Anatomy and Physiology and RES 118 Pulmonary Anatomy and Physiology*

**PC 122 Patient Assessment**
*Total Course Hours: 35 (20 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
Introduces the techniques of observation, palpation, percussion and auscultation, and performance of vital signs for head-to-toe patient evaluation. Also introduced are communication techniques for interaction with patients and their families.
*Prerequisites: None*

**MB 120 Microbiology**
*Total Course Hours: 20 (20 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course presents the basics of microbiology. Topics include bacteriology, virology, mycology, equipment processing, and infection control in the clinical setting.
*Prerequisites: None*

Semester III
**RES 185 Respiratory Therapeutics II**
*Total Course Hours: 90 (40 Theory, 50 Lab, 0 Extern) Semester Credits: 4.0*
This course covers the various therapeutic modalities used in respiratory care. Indications, side effects, hazards, and basis for application are stressed. Specific focus on technologies for airway clearance and hyperinflation.
*Prerequisites: Semesters I and II courses*

**RES 242 Emergency Care**
*Total Course Hours: 50 (35 Theory, 15 Lab, 0 Extern) Semester Credits: 2.5*
This course provides knowledge of basic and advanced life support, triage techniques, and identification of pathophysiology. Topics include emergency care applications and management of drowning, hypo- and hyperthermia, shock, poisons, drug overdose, burns, diving accidents, and other types of trauma.
*Prerequisites: Semesters I and II courses*

**RES 211 Critical Care Techniques**
*Total Course Hours: 55 (40 Theory, 15 Lab, 0 Extern) Semester Credits: 3.0*
Instructional focus is centered on emergency management and maintenance of artificial airways according to AHA ACLS standards.
*Prerequisites: Semesters I and II courses*

**RES 160 Respiratory Pediatrics**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
The focus of this course is to introduce assessment skills needed to treat the pediatric patient and to study diseases and appropriate therapies and resuscitative procedures particular to pediatrics.
*Prerequisites: Semesters I and II courses*

**RES 201 Pulmonary Rehabilitation and Wellness**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course presents the basic elements required in designing the components of a cardiopulmonary rehabilitation program. Topics include community and individual health promotion, patient education, family training, smoking cessation programs, and how to deal with tobacco issues. Instruction also focuses on the importance and benefits of home health care.
*Prerequisites: Semesters I and II courses*

**CCM 102 Healthcare Communications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an overview of the concepts and components of communication. Verbal and nonverbal communication, technical and professional writing, speaking and listening critically, evaluating and synthesizing material from diverse cultural sources and points of view, and other topics are included.
*Prerequisites: None*

Semester IV
**RES 281 Introduction to Mechanical Ventilation**
*Total Course Hours: 120 (60 Theory, 60 Lab, 0 Extern) Semester Credits: 6.0*
This course introduces the indications, mechanics, and physiologic effects of mechanical ventilation. Topics include initiation, monitoring, management, and discontinuance of mechanical ventilation.
*Prerequisites: Semesters I, II, and III courses*

**RES 222 Advanced Patient Care**
*Total Course Hours: 50 (30 Theory, 20 Lab, 0 Extern) Semester Credits: 2.5*
This course provides knowledge and application of advanced patient assessment techniques and skills in respiratory therapy. Interpretation of laboratory data and the nutritional status of the critical care patient are stressed.
*Prerequisites: Semesters I, II, and III courses*

**RES 190 Respiratory Care Practicum I**
*Total Course Hours: 240 (0 Theory, 0 Lab, 240 Extern) Semester Credits: 5.0*
This course addresses basic therapeutic modalities used by respiratory care practitioners in a hospital, which may include emergency room, medical/surgical, and pediatric general floor clinical settings. Included are modalities of aerosol therapy, humidity therapy, hyperinflation, oxygen therapy, chest physiotherapy, airway care, and arterial blood gas sampling and analysis. Learners will assess, analyze, and apply therapeutic modalities based upon patient outcomes.
*Prerequisites: Semester I, II and III courses*

Semester V
**RES 290 Respiratory Care Practicum II**
*Total Course Hours: 240 (0 Theory, 0 Lab, 240 Extern) Semester Credits: 5.0*
Structured to provide the learner with opportunities to apply respiratory care modalities in intensive care settings. Included are modalities for pulmonary functions, polysomnography, arterial blood gas sampling and interpretation of results, airway care, bronchoscopy, and ventilator management for adult and pediatric patients. The learner will have the opportunity to assess, analyze, and apply therapeutic modalities based upon patient outcomes, using appropriate AARC CPG-based upon ventilator management.
*Prerequisites: Semesters I, II, III and IV courses*

**RES 251 Advanced Pharmacology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides a review of respiratory specific drugs, cardiac drugs, sedatives, and pain maintenance drugs as they relate to cardiopulmonary function. Also addressed are vaccinations currently recommended for adult respiratory patients.
*Prerequisites: Semesters I, II, III and IV courses*

**RES 260 Respiratory Perinatology**
*Total Course Hours: 50 (50 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
Provides an in-depth study of normal neonatal anatomy and physiology, labor and delivery, high-risk infants, resuscitation, mechanical ventilation, and common neonatal pathologies and modalities for their treatment.
*Prerequisites: Semesters I, II, III and IV courses*

**RES 231 Advanced Pulmonary Diagnostics**
*Total Course Hours: 35 (35 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
An in-depth course that provides knowledge of arterial blood gas analysis, pulmonary function testing, chest radiography, cardiac stress testing, and assessment of sleep disorders.
*Prerequisites: Semesters I, II, III and IV courses*

Semester VI
**RES 270 Cardiovascular Diagnostics**
*Total Course Hours: 50 (50 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
An in-depth course designed to instruct the learner on the application and analysis of electrocardiogram testing, EST interpretation, and hemodynamic monitoring.
*Prerequisites: Semesters I, II, III, IV and V courses*

**RES 287 Advanced Mechanical Ventilation**
*Total Course Hours: 80 (50 Theory, 30 Lab, 0 Extern) Semester Credits: 4.0*
This course provides the student with knowledge of advanced concepts and applications of mechanical ventilation including high frequency ventilation to adult, pediatric, and neonatal patients.
*Prerequisites: Semesters I, II, III, IV and V courses*

**RES 295 Respiratory Care Practicum III**
*Total Course Hours: 216 (0 Theory, 0 Lab, 216 Extern) Semester Credits: 4.5*
This course involves clinical application of the diagnostic and therapeutic modalities presented in the classroom and lab setting. Emphasis is placed on neonatal, pediatric and adult mechanical ventilation, airway management, and cardiopulmonary monitoring of patients.
*Prerequisites: Semesters I, II, III, IV, and V courses*

**RES 275 NBRC Review Course**
*Total Course Hours: 35 (35 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course is designed to prepare the learner for the National Board for Respiratory Care Therapist Multiple-Choice Examination (TMC) and the Clinical Simulation Examination (CSE).
*Prerequisites: Semesters I, II, III, IV and V courses*

# Surgical Technology

**Objective:** To prepare competent, entry-level surgical technologists with curriculum that addresses the three learning domains: cognitive (knowledge), psychomotor (hands-on skills), and affective (professional behavior and conduct). Students develop the skills required to become an integral member of the surgical team, which includes surgeons, anesthesiologists, registered nurses, and other personnel who deliver patient care before, during, and after surgery.

Graduates of this program receive an Associate of Applied Science Degree. Students who successfully complete the program are eligible to take the National Board of Surgical Technology and Surgical Assisting (NBSTSA) Certified Surgical Technologist (CST) examination for certification. Students must attempt this examination prior to graduating from the program; if the exam is postponed for any reason, it could result in a delayed graduation date.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required.

## At a Glance

**Program Type:** Associate's Degree

**Delivery Method:** On-ground or hybrid*

**See "Note" on Course Descriptions page*

**Semester Credits:** 70.0

| Program Length | Total |
|---|---|
| Program Hours | 1,572 |
| Program Weeks | 75 |
| Program Semesters (15 weeks per semester) | 5 |

## Campus Locations

AZ: Phoenix, Tucson
CA: Chula Vista
CO: Denver
WA: Seattle

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *BIO 122* | *Anatomy and Physiology I* | *45* | *15* | | *3.5* |
| *CMT 121* | *Medical Terminology* | *15* | | | *1.0* |
| *CCM 141* | *Communications* | *45* | | | *3.0* |
| *MTH 131* | *Math Applications* | *45* | | | *3.0* |
| SUR 121 | Introduction to Surgical Technology | 30 | | | 2.0 |
| | **Semester I Total** | **180** | **15** | | **12.5** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *BIO 132* | *Anatomy and Physiology II* | *45* | *15* | | *3.5* |
| *BIO 141* | *Microbiology* | *45* | *15* | | *3.5* |
| SUR 131 | Surgical Patient Care | 45 | | | 3.0 |
| SUR 141 | Principles of Surgical Technology | 60 | | | 4.0 |
| SUR 155 | Surgical Lab I | | 75 | | 2.5 |
| | **Semester II Total** | **195** | **105** | | **16.5** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| SUR 201 | Surgical Pharmacology and Anesthesia | 45 | | | 3.0 |
| SUR 211 | Endoscopic Principles and Procedures | 60 | | | 4.0 |
| SUR 221 | Basic Surgical Procedures | 60 | | | 4.0 |
| SUR 225 | Surgical Lab II | | 120 | | 4.0 |
| | **Semester III Total** | **165** | **120** | | **15.0** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| SUR 231 | Advanced Surgical Procedures | 60 | | | 4.0 |
| SUR 241 | Clinical Preparation | 15 | | | 1.0 |
| SUR 245 | Professional Development | 45 | | | 3.0 |
| SUR 255 | Surgical Lab III | | 120 | | 4.0 |
| | **Semester IV Total** | **120** | **120** | | **12.0** |

| Semester V | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| SUR 265 | Certification Preparation | 48 | | | 3.0 |
| SUR 275 | Clinical Practicum | | | 504 | 11.0 |
| | **Semester V Total** | **48** | | **504** | **14.0** |

| | | | | |
|---|---|---|---|---|
| **Program Total** | **708** | **360** | **504** | **70.0** |

# Surgical Technology • Course Descriptions

*Note: Hybrid delivery is offered only at Chula Vista, Denver, Seattle, and Tucson campuses. Refer to the Prospective Student Handout at these campuses for course-specific delivery methods in these hybrid programs.*

Semester I

**BIO 122 Anatomy and Physiology I**
*Total Course Hours: 60 (45 Theory, 15 Lab, 0 Extern) Semester Credits: 3.5*
This course is designed to provide a comprehensive foundation of the basic structure and function of the human body. Terminology related to body structures and function is introduced. Body organization, chemistry, cell structure, and tissues are reviewed. Systems covered include the integumentary, skeletal, muscular, nervous, and endocrine. The course also incorporates the interrelationships between the structures and systems, as well as the common illnesses and conditions associated with each system.
*Prerequisites: None*

**CMT 131 Medical Terminology**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course focuses on the development of a basic framework for the language of medicine. Through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes, students learn to create, analyze, and apply medical terms.
*Prerequisites: None*

**CCM 141 Communications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course addresses a wide range of communication skills. Students will apply accepted communication conventions while considering context, situation, the influence of nonverbal actions, and audience factors such as diversity and roles.
*Prerequisites: None*

**MTH 131 Mathematics Applications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course presents calculation, conversion, and computation of fractions, decimals, percentages, measurements, ratios, and proportions.
*Prerequisites: None*

**SUR 121 Introduction to Surgical Technology**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course is an introduction to the field of surgical technology. The history of the profession along with the roles and responsibilities of a surgical technologist are covered. The course content also includes foundational knowledge regarding the organizational, physical, and safety aspects of both hospitals and surgical suites. Legal and ethical issues are discussed.
*Prerequisites: None*

Semester II

**BIO 132 Anatomy and Physiology II**
*Total Course Hours: 60 (45 Theory, 15 Lab, 0 Extern) Semester Credits: 3.5*
A continuation of BIO 122, this course is designed to provide a comprehensive foundation to the basic structure and function of the cardiovascular, lymphatic, respiratory, digestive, urinary, reproductive, and endocrine systems. The course also incorporates the interrelationships between the structures and systems, as well as the common illnesses and conditions associated with each system.
*Prerequisites: Semester I courses*

**BIO 141 Microbiology**
*Total Course Hours: 60 (45 Theory, 15 Lab, 0 Extern) Semester Credits: 3.5*
This course presents the basics of microbiology. The course content focuses on microorganisms, pathogens, and disease transmission and prevention.
*Prerequisites: Semester I courses*

**SUR 131 Surgical Patient Care**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on the physical and psychosocial aspects of the surgical patient. Topics include transporting, transferring, positioning patients, vital signs, skin preparation, urinary catheterization, open gloving, and draping, as well as decontamination, sterilization, and disinfection.
*Prerequisites: Semester I courses*

**SUR 141 Principles of Surgical Technology**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course focuses on the responsibilities of a surgical technologist in the pre-, post-, and intraoperative phases of surgery. Emphasis is placed on ensuring patient safety through proper scrubbing, gowning, and gloving. Other topics covered include surgical instrumentation, wounds, wound healing, suture material, and stapling devices.
*Prerequisites: Semester I courses*

# Surgical Technology • Course Descriptions

**SUR 155 Surgical Lab I**
*Total Course Hours: 75 (0 Theory, 75 Lab, 0 Extern) Semester Credits: 2.5*
This course provides opportunities to practice and refine skills in the pre-, intra-, and post-operative settings. Skills addressed include transporting, transferring, and positioning patients, performing vital signs, hand wash, surgical scrub, donning and doffing PPE, gowning and gloving self, gowning and gloving a team member, open gloving, draping, skin preparation, urinary catheterization, decontamination and sterilization procedures, disinfection, and room preparation and turnover. Case preparation and surgical case management utilizing the principles of aseptic technique are also demonstrated and practiced.
*Prerequisites: Semester I courses*

Semester III
**SUR 201 Surgical Pharmacology and Anesthesia**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces surgical pharmacology and anesthesia. Medications commonly used in surgery and the procedures for properly identifying, handling, preparing, and storing them are emphasized. Anesthetic agents and equipment, and induction, are also introduced.
*Prerequisites: Semesters I and II courses*

**SUR 211 Endoscopic Principles and Procedures**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course explores endoscopic, minimally invasive, and robotic surgery. Other topics include the preparation, maintenance, required cleaning, and surgical procedures appropriate for each type of endoscope and the use of electrosurgery. The use of computers, lasers, robotics, and interventional radiology in the surgical setting is introduced.
*Prerequisites: Semesters I and II courses*

**SUR 221 Basic Surgical Procedures**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course covers the basic surgical procedures used in the several areas of surgery, including general, obstetrics and gynecology, genitourinary, plastic and reconstructive, ophthalmic, ENT, and oral and maxillofacial. Topics addressed for each surgical specialty include related anatomy and terminology, common surgical procedures, pathophysiology, appropriate instrumentation, supplies, anesthesia method, patient positioning, prepping and draping, incision, basic procedural steps, complications, special medications, and specimen handling.
*Prerequisites: Semesters I and II courses*

**SUR 255 Surgical Lab II**
*Total Course Hours: 120 (0 Theory, 120 Lab, 0 Extern) Semester Credits: 4.0*
This course is a continuation of Surgical Lab I and provides opportunities to practice and refine skills in the pre-, intra-, and post-operative setting for basic surgical procedures. Skills addressed include proper handling of sharps and medications as well as patient positioning, prepping and draping, incision, basic procedural steps and room preparation and turnover for general, OB/GYN, GU, ophthalmic, ENT, oral-maxillofacial, and plastic and reconstructive procedures. Case preparation and surgical case management utilizing the principles of aseptic technique are also demonstrated and practiced.
*Prerequisites: Semesters I and II courses*

Semester IV
**SUR 231 Advanced Surgical Procedures**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course covers advanced surgical procedures used in several areas of surgery, including orthopedic, peripheral vascular, thoracic and pulmonary, cardiac, neurosurgery, pediatric, and emergency trauma. Topics addressed for each surgical specialty include related anatomy and terminology, common surgical procedures, pathophysiology, appropriate instrumentation, supplies, anesthesia method, patient positioning, prepping and draping, incision, basic procedural steps, complications, special medications, and specimen handling.
*Prerequisites: Semesters I, II, and III courses*

**SUR 241 Clinical Preparation**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course acts as a bridge from the didactic to the clinical portion of the program.
*Prerequisites: Semesters I, II, and III courses*

**SUR 245 Professional Development**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course covers the skills required to transition into the workforce as an entry-level surgical technologist. Topics include goal setting, assertiveness, time management, decision-making, résumé writing, portfolio preparation, and employment skills.
*Prerequisites: Semesters I, II, and III courses*

**SUR 255 Surgical Lab III**
*Total Course Hours: 120 (0 Theory, 120 Lab, 0 Extern) Semester Credits: 4.0*
This course is a continuation of Surgical Lab II and provides opportunities to practice and refine skills in the pre-, intra-, and post-operative settings for advanced surgical procedures. Skills addressed include patient positioning, prepping and draping, incision, basic procedural steps and room preparation and turnover for orthopedic, peripheral vascular, thoracic and pulmonary, cardiovascular, neurosurgical, pediatric, and common trauma surgical procedures. Case preparation and surgical case management utilizing the principles of aseptic technique are also demonstrated and practiced.
*Prerequisites: Semesters I, II, and III courses*

# Surgical Technology • Course Descriptions

Semester V

**SUR 265 Certification Preparation**

*Total Course Hours: 48 (48 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course is designed to prepare the student for the NBSTSA certification examination. A comprehensive review of the technical coursework, mock examinations, and test-taking strategies are covered.

*Prerequisites: Semesters I, II, III, and IV courses*

**SUR 275 Clinical Practicum**

*Total Course Hours: 504 (0 Theory, 0 Lab, 504 Extern) Semester Credits: 11.0*

This course provides students with the opportunity to apply learned theories and skills in a clinical setting. Under the supervision of a preceptor, students participate in the intraoperative stage of surgery and perform preoperative and postoperative duties. Course requirements include maintaining case records of participation in surgical procedures for documentation of the minimum 120 surgical procedures necessary for successful program completion. Upon completion of the term, entry-level proficiency in general surgery and specialty services is required.

*Prerequisites: Semesters I, II, III, and IV courses*

# Veterinary Technician—El Paso Campus

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level veterinary technicians through didactic instruction, hands-on laboratory practice, and clinical experiences. Among the topics covered in the curriculum are medical terminology, anatomy and physiology, examination techniques, and radiologic, dental, and surgical procedures as they relate to veterinary care.

Graduates of this program receive an Associate of Applied Science Degree. Graduates of accredited programs are eligible to take the Veterinary Technician National Examination (VTNE) and applicable state board examinations.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information.

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CCB 115* | *Computer Basics* | *15* | | | *1.0* |
| VTA 127 | Comparative Veterinary Anatomy, Physiology, and Terminology | 60 | | | 4.0 |
| VTA 130 | Clinical Lab Procedures and Pathology | 15 | 60 | | 3.0 |
| VTA 132 | Clinical Proficiency | | 30 | | 1.0 |
| VTA 165 | Pharmacology and Principles of Anesthesia | 45 | | | 3.0 |
| | **Semester I Total** | **135** | **90** | **0** | **12.0** |
| **Semester II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *MT 100* | *Math Fundamentals* | *30* | | | *2.0* |
| VTA 110 | Office Procedures | 15 | | | 1.0 |
| VTA 133 | Clinical Proficiency | | 30 | | 1.0 |
| VTA 150 | Animal Life Stages, Nutrition, and Husbandry | 45 | | | 3.0 |
| VTA 160 | Animal Nursing and Diagnostic Imaging | 15 | 60 | | 3.0 |
| VTA 170 | Aseptic Technique and Surgical Assisting | 15 | 45 | | 2.5 |
| | **Semester II Total** | **120** | **135** | **0** | **12.5** |
| **Semester III** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CCM 111* | *Communications* | *45* | | | *3.0* |
| *MTH 129* | *Math Applications* | *45* | | | *3.0* |
| *PSY 102* | *Introduction to Psychology* | *30* | | | *2.0* |
| *SCI 120* | *Foundations in Biology and Chemistry* | *60* | | | *4.0* |
| VTT 176 | Introduction to Veterinary Technology | 25 | | | 1.5 |
| VTT 242 | Dentistry Techniques | 15 | 15 | | 1.5 |
| | **Semester III Total** | **220** | **15** | **0** | **15.0** |
| **Semester IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 222 | Food and Fiber Animal | 45 | 10 | | 3.0 |
| VTT 224 | Diagnostic Imaging for Veterinary Technicians | 15 | 15 | | 1.5 |
| VTT 226 | Small Animal Nursing | 15 | 60 | | 3.0 |
| VTT 232 | Laboratory Animal Science | 20 | 15 | | 1.5 |
| VTT 236 | Anatomy and Physiology for Veterinary Technicians | 30 | 30 | | 3.0 |
| VTT 239 | Laboratory Procedures for Veterinary Technicians | 30 | 45 | | 3.5 |
| | **Semester IV Total** | **155** | **175** | **0** | **15.5** |
| **Semester V** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 244 | Pharmacology for Veterinary Technicians | 45 | | | 3.0 |
| VTT 246 | Surgical Nursing for Veterinary Technicians | 30 | 40 | | 3.0 |
| VTT 252 | Exotic Animal Medicine and Nursing | 15 | 15 | | 1.5 |
| VTT 254 | Equine Medicine and Nursing | 45 | 15 | | 3.5 |
| VTT 256 | Emergency Procedures | 30 | 10 | | 2.0 |
| VTT 273 | Clinical Proficiency | | 45 | | 1.5 |
| | **Semester V Total** | **165** | **125** | **0** | **14.5** |
| **Externship and Seminar** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 262 | Veterinary Technician Seminar | 15 | | | 1.0 |
| VTT 292 | Externship | | | 240 | 5.0 |
| | **Externship and Seminar Total** | **15** | **0** | **240** | **6.0** |
| | **Program Total** | **810** | **540** | **240** | **75.5** |

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground

**Semester Credits:** 75.5

| Program Length | Total |
|---|---|
| Program Hours | 1,590 |
| Program Weeks<br>Semesters 1-5 (15 weeks)<br>Externship/Seminar (7 weeks) | 82 |

## Campus Locations

TX: El Paso

# Veterinary Technician—El Paso • Course Descriptions

Semester I

**CCB 115 Computer Basics**
*Total Course Hours: 15 (15 theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
Through demonstration and hands-on experience, students will gain a general understanding of computers. Hardware, software, Microsoft products, and internet use are explained.
*Prerequisites: None*

**VTA 127 Comparative Veterinary Anatomy, Physiology, and Terminology**
*Total Course Hours: 60 (60 theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
An introductory study comparing the structures, functions, and disorders of the body systems of various domesticated animals and selected exotic animals. Students will develop their understanding of medical terminology to encompass common veterinary medical terms and abbreviations.
*Prerequisites: None*

**VTA 130 Clinical Lab Procedures and Pathology**
*Total Course Hours: 75 (15 theory, 60 Lab, 0 Extern) Semester Credits: 3.0*
This course is an investigation into the basic laboratory procedures to determine the presence of a variety of pathogens of importance in the veterinary field. The student will have the opportunity to demonstrate collection procedures. Topics include laboratory equipment, hematology, urine and fecal analysis, parasitology, and the basics of clinical microbiology. Assisting with necropsy is also introduced.
*Prerequisites: None*

**VTA 132 Clinical Proficiency**
*Total Course Hours: 30 (0 theory, 30 Lab, 0 Extern) Semester Credits: 1.0*
This course provides the student with opportunities to apply the concepts covered in VTA 127, VTA 130, and VTA 165. Application includes competency/performance testing in simulated and interactive modalities.
*Prerequisites: None*

**VTA 165 Pharmacology and Principles of Anesthesia**
*Total Course Hours: 45 (45 theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an introduction to the classification of medications, including classes and routes of administration and their effects on body systems. Instruction reviews the role of the veterinary assistant in assisting with the preparations for and restraint of an animal for anesthesia. Practice in pharmacological math is aided by a review of metric and conventional measurements and the use of dimensional analysis.
*Prerequisites: None*

Semester II

**MT 100 Math Fundamentals**
*Total Course Hours: 30 (30 theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course reviews basic mathematical skills including whole numbers, fractions, decimals, proportions, ratios, percentages, combined applications, and measurement systems. It provides students with a solid foundation for higher math concepts.
*Prerequisites: None*

**VTA 110 Office Procedures**
*Total Course Hours: 15 (15 theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
Students are introduced to facility types, paper and electronic record keeping, charting, client service and scheduling, OSHA safety regulations, and the role of the veterinary assistant in the veterinary clinic. This course emphasizes the importance of professionalism in communications with clients, coworkers, and potential employers.
*Prerequisites: None*

**VTA 133 Clinical Proficiency**
*Total Course Hours: 30 (0 theory, 30 Lab, 0 Extern) Semester Credits: 1.0*
This course provides the student with opportunities to apply the concepts covered in VTA 150, VTA 160 and VTA 170. Application includes competency/performance testing in simulated and interactive settings.
*Prerequisites: None*

**VTA 150 Animal Life Stages, Nutrition, and Husbandry**
*Total Course Hours: 45 (45 theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course covers animal life stages from birth to old age and issues related to animal death. Special attention is given to preventive health care and the behavioral, dietary, housing, and social needs throughout the lifetime of the canine, feline, equine, and exotic species.
*Prerequisites: None*

**VTA 160 Animal Nursing and Diagnostic Imaging**
*Total Course Hours: 75 (15 theory, 60 Lab, 0 Extern) Semester Credits: 3.0*
This course covers the basics of animal nursing including restraint techniques, physical exam and vital sign monitoring, ear and eye care, wound care and bandaging, and the basics of first aid and emergency medicine for small animals. Also addressed is the role of the veterinary assistant in the safe use of and positioning for diagnostic imaging modalities.
*Prerequisites: None*

**VTA 170 Aseptic Technique and Surgical Assisting**
*Total Course Hours: 60 (15 theory, 45 Lab, 0 Extern) Semester Credits: 2.5*
This course trains the student in aseptic preparation of animals, personnel, instruments, and equipment for surgery. Topics include protocol for assisting surgeons in the operating room, descriptions of pre- and postoperative care, and assisting in a variety of basic procedures including animal dentistry.
*Prerequisites: None*

Semester III

**CCM 111 Communications**

*Total Course Hours: 45 (45 theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course provides the student with experience with the wide range of communication skills necessary for success in health professions. Verbal and nonverbal communication, technical and professional writing, speaking and listening critically, health literacy, evaluating and synthesizing material from diverse cultural sources and points of view, and other topics. Legal and ethical issues in communication are also addressed.

*Prerequisites: Semesters I and II courses*

**MTH 129 Math Applications**

*Total Course Hours: 45 (45 theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course provides the student with the fundamentals of college algebra, and includes common formulae and calculations used in applied settings. Topics include fractions, decimals, linear equations, basic statistics, and pharmaceutical math.

*Prerequisites: Semesters I and II courses*

**PSY 102 Introduction to Psychology**

*Total Course Hours: 30 (30 theory, 0 lab, 0 Extern) Semester Credits: 2.0*

This course introduces basic concepts in human psychology through an overview of the foundations of the discipline and a more in-depth look at contemporary approaches in the field. Among the many topics included are mental health, behavior, personality traits, life span development, social interactions, and various therapies used to treat psychological disorders.

*Prerequisites: Semesters I and II courses*

**SCI 120 Foundations in Biology and Chemistry**

*Total Course Hours: 60 (60 theory, 0 Lab, 0 Extern) Semester Credits: 4.0*

This course provides an introduction to the fundamentals of chemistry and various life sciences as they relate to veterinary technology. Topics include inorganic and organic chemistry, biochemistry, cellular biology, and the biology of various life processes. This course provides a foundation for applied coursework in veterinary technology.

*Prerequisites: Semesters I and II courses*

**VTT 176 Introduction to Veterinary Technology**

*Total Course Hours: 25 (25 theory, 0 Lab, 0 Extern) Semester Credits: 1.5*

This course presents the student with an introduction to veterinary science and the role of the credentialed veterinary technician on the veterinary team. Topics include the history of the field, scope of practice, ethical and legal issues, professionalism, and a survey of employment opportunities. This course provides the opportunity to learn and adopt methods and life skills that aid success in a professional degree program and the workplace and promote lifelong learning.

*Prerequisites: Semesters I and II courses*

**VTT 242 Dentistry Techniques**

*Total Course Hours: 30 (15 theory, 15 Lab, 0 Extern) Semester Credits: 1.5*

This course presents the tasks and techniques within the scope of practice of a veterinary technician. Included are examination, cleaning, scaling, polishing, and in some jurisdictions, extractions. Tooth anatomy and terminology is reviewed as well as the common veterinary dental diseases and disorders. Also addressed are protocols for veterinary dental radiography and assisting the DVM in advanced techniques.

*Prerequisites: Semesters I and II courses*

Semester IV

**VTT 222 Food and Fiber Animal**

*Total Course Hours: 55 (45 theory, 10 Lab, 0 Extern) Semester Credits: 3.0*

This course introduces the veterinary nursing student to livestock and animal science. This includes an overview of various segments of the livestock industry. Building on previous anatomy and physiology coursework, the primary focus of the course is the nursing and medicine of food animals. Coursework and lab exercises cover restraint, behavior, husbandry, nursing care, sampling techniques, bandaging, and radiography as well as medicine and a review of common surgeries of food and fiber species (bovine, caprine, ovine, camelid, and swine).

*Prerequisites: Semesters I, II, and III courses*

**VTT 224 Diagnostic Imaging for Veterinary Technicians**

*Total Course Hours: 30 (15 theory, 15 Lab, 0 Extern) Semester Credits: 1.5*

This course furthers the training in radiology, begun in veterinary assistantship, with advanced studies in screens, positioning, and contrast studies. Students will learn to utilize a portable radiology machine. The course introduces the student to basic ultrasound techniques and digital radiography.

*Prerequisites: Semesters I, II, and III courses*

**VTT 226 Small Animal Nursing**

*Total Course Hours: 75 (15 theory, 60 Lab, 0 Extern) Semester Credits: 3.0*

This course provides advanced training in various nursing procedures within the veterinary technician's scope of practice. Topics include catheterization, aspiration, centesis, endotracheal and gastric intubation, rectal and reproductive procedures, sensory organ exams and testing, and bandaging techniques.

*Prerequisites: Semesters I, II, and III courses*

**VTT 232 Laboratory Animal Science**

*Total Course Hours: 35 (20 theory, 15 Lab, 0 Extern) Semester Credits: 1.5*

This course provides an overview of the principles of laboratory animal research and the role of the veterinary technician in the husbandry and nursing of small mammalian species as well as participation in research activities. Students will work with selected species that may include mice, rats, guinea pigs and rabbits as well as other small mammals. The use of primates and nonmammalian species will be discussed.

*Prerequisites: Semesters I, II, and III courses*

**VTT 236 Anatomy and Physiology for Veterinary Technicians**
*Total Course Hours: 60 (30 theory, 30 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an in-depth analysis of the anatomy and physiology of the domestic species, with focus on the cat and dog. In the lab sessions, students will identify anatomical features and demonstrate an understanding of body function. Necropsy technique is mandatory.
*Prerequisites: Semesters I, II, and III courses*

**VTT 239 Laboratory Procedures for Veterinary Technicians**
*Total Course Hours: 75 (30 theory, 45 Lab, 0 Extern) Semester Credits: 3.5*
This course focuses on diagnostic tests performed in the veterinary laboratory and includes discussion of various diseases and disorders of the body systems. Experience in bacteriology, endocrinology, hematology, serology, and parasitology is part of the curriculum.
*Prerequisites: Semesters I, II, and III courses*

Semester V
**VTT 244 Pharmacology for Veterinary Technicians**
*Total Course Hours: 45 (45 theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on those pharmacological topics within the scope of the veterinary technician. Topics include a review of pharmaceutical math and a detailed examination of the physiology and chemistry of drug effects on the nervous system. Also presented is a discussion of the proper protocol for many injectable and inhalant anesthetics, analgesics, and anti-inflammatories. Chemotherapeutics, antimicrobial, antiparasitic, and euthanasia agents are also addressed.
*Prerequisites: Semesters I, II, and III courses*

**VTT 246 Surgical Nursing for Veterinary Technicians**
*Total Course Hours: 70 (30 theory, 40 Lab, 0 Extern) Semester Credits: 3.0*
In defining the veterinary technician's role in surgical nursing, the student will be exposed to the intricacies of the anesthesia machine and receive training in setting, adjusting, and maintaining the unit. The student will evaluate, medicate, anesthetize, prepare, and monitor a variety of surgical patients, as well as learn the protocol as a sterile scrub nurse. A review and demonstration of various monitoring equipment is provided, and the student will participate in several surgeries of various intensities.
*Prerequisites: Semesters I, II, and III courses*

**VTT 252 Exotic Animal Medicine and Nursing**
*Total Course Hours: 30 (15 theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course presents an overview of the various exotic animals that are an increasing part of the pet population. The focus is on the anatomy, behavior, nutrition, diseases, and restraint of various reptilian, amphibian, and avian groups, as well as some of the exotic small mammals. Lab activities will include the restraint and physical examination of these species. Basic nursing techniques of these species are addressed.
*Prerequisites: Semesters I, II, and III courses*

**VTT 254 Equine Medicine and Nursing**
*Total Course Hours: 60 (45 theory, 15 Lab, 0 Extern) Semester Credits: 3.5*
This course introduces the veterinary nursing student to equine medicine and the role of the veterinary technician in the equine practice. Lecture and lab activities develop a more advanced understanding of equine anatomy and physiology and covers restraint, behavior, husbandry, nursing and sampling techniques, bandaging, and radiography. Content includes the common causes of lameness in the horse as well as the more commonly performed surgical procedures. Toxicological principles and the more common diseases and disorders of the horse will also be discussed.
*Prerequisites: Semesters I, II, and III courses*

**VTT 256 Emergency Procedures**
*Total Course Hours: 40 (30 theory, 10 Lab, 0 Extern) Semester Credits: 2.0*
This course covers the role of the veterinary technician in emergency procedures, both at an emergency clinic and at the veterinary hospital. Topics include assessment and triage, shock pathophysiology and treatment, trauma, CPCR review, toxicology, anesthetic and surgical emergencies, and the veterinary technician's role in maintenance of the veterinary emergency crash kit.
*Prerequisites: Semesters I, II, and III courses*

**VTT 273 Clinical Proficiency f**
*Total Course Hours: 45 (0 theory, 45 Lab, 0 Extern) Semester Credits: 1.5*
This course provides the student with opportunities to apply the concepts covered in VTT 246, 252, 254, and 256. Application includes competency/performance testing in simulated and interactive settings.
*Prerequisites: Semesters I, II, and III courses*

Externship and Seminar
**VTT 262 Veterinary Technician Seminar**
*Total Course Hours: 15 (15 theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course is designed to prepare the learner for the Veterinary Technician National Examination (VTNE). Content includes a comprehensive review of program content and the opportunity to participate in a simulated VTNE exam.
*Prerequisites: Semesters I through V courses*

**VTT 292 Externship**
*Total Course Hours: 240 (0 theory, 0 lab, 240 Extern) Semester Credits: 5.0*
This course provides students with opportunities to apply professional skills learned in the classroom.
*Prerequisites: Semesters I through V and all laboratory competencies*

# Veterinary Technician

**Objective:** To develop in students the intrapersonal and professional skills needed to perform as competent entry-level veterinary technicians through didactic instruction, hands-on laboratory practice, and clinical experiences. Among the topics covered in the curriculum are medical terminology, anatomy and physiology, examination techniques, and radiologic, dental, and surgical procedures as they relate to veterinary care.

Graduates of this program receive an Associate of Applied Science Degree. Graduates of accredited programs are eligible to take the Veterinary Technician National Examination (VTNE) and applicable state board examinations.

**Admissions Requirements:** In addition to the Admissions requirements and Transfer Credit criteria listed in the Prospective Students section of this catalog, an interview with the program director and/or faculty is required. Applicants to this degree completion program must provide evidence of a certificate/diploma from a veterinary assistant program and upon evaluation may successfully transfer 29 credits. Applicants with less than one year of experience as a veterinary assistant must have a minimum GPA of 2.5 to be considered. Applicants with a GPA of 2.5 - 2.74 will be required to pass a readiness assessment with a score of 80% or greater (16 out of 20 points) on the first attempt to qualify. Refer to the program specific Prospective Student Handout for more information.

| Veterinary Assistant (VA) | | | | | |
|---|---|---|---|---|---|
| **Course** | | **Theory** | **Lab** | **Extern** | **Credits** |
| Career Prep and Veterinary Assistant Professional Sequences I, II, III, Externship | | 295 | 185 | 240 | 29.0 |
| | **Veterinary Assistant Total** | **316** | **164** | **240** | **29.0** |
| **Professional Sequence I** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *CCM 111* | *Communications* | *45* | | | *3.0* |
| *MTH 129* | *Math Applications* | *45* | | | *3.0* |
| *SCI 120* | *Foundations in Biology and Chemistry* | *60* | | | *4.0* |
| VTT 176 | Introduction to Veterinary Technology | 25 | | | 1.5 |
| | **Professional Sequence I Total** | **175** | | | **11.5** |
| **Professional Sequence II** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 222 | Food and Fiber Animal | 45 | 10 | | 3.0 |
| VTT 224 | Diagnostic Imaging for Veterinary Technicians | 15 | 15 | | 1.5 |
| VTT 226 | Small Animal Nursing for Veterinary Technicians | 15 | 60 | | 3.0 |
| | **Professional Sequence II Total** | **75** | **85** | | **7.5** |
| **Professional Sequence III** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 232 | Laboratory Animal Science | 20 | 15 | | 1.5 |
| VTT 234 | Laboratory Procedures for Veterinary Technicians | 30 | 35 | | 3.0 |
| VTT 236 | Anatomy and Physiology for Veterinary Technicians | 30 | 30 | | 3.0 |
| | **Professional Sequence III Total** | **80** | **80** | | **7.5** |
| **Professional Sequence IV** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 242 | Dentistry Techniques | 15 | 15 | | 1.5 |
| VTT 244 | Pharmacology for Veterinary Technicians | 45 | | | 3.0 |
| VTT 246 | Surgical Nursing for Veterinary Technicians | 30 | 40 | | 3.0 |
| VTT 248 | Clinic Surgery and Lab | | 15 | | 0.5 |
| | **Professional Sequence IV Total** | **90** | **70** | | **8.0** |
| **Professional Sequence V** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 252 | Exotic Animal Medicine and Nursing | 15 | 15 | | 1.5 |
| VTT 254 | Equine Medicine and Nursing | 45 | 15 | | 3.5 |
| VTT 256 | Emergency Procedures | 30 | 10 | | 2.0 |
| VTT 258 | Clinic Surgery and Lab | | 30 | | 1.0 |
| | **Professional Sequence V Total** | **90** | **70** | | **8.0** |
| **Las Vegas Program Only** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *HST 205* | *Nevada History and US Constitution* | *45* | | | *3.0* |
| | **Additional Las Vegas Course Total** | **45** | | | **3.0** |
| **Externship** | | | | | |
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| VTT 262 | Veterinary Technician Seminar | 15 | | | 1.0 |
| VTT 291 | Externship | | | 225 | 5.0 |
| | **Externship Total** | **15** | | **225** | **6.0** |
| | **Program Total** | **820** | **490** | **465** | **77.5** |
| | **Las Vegas Program Total** | **865** | **490** | **465** | **80.5** |

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid*
**See "Note" on Course Descriptions page*

**Semester Credits:** 77.5
(80.5 Las Vegas; program includes HST 205 Nevada History and US Constitution, which is 3.0 credits)

| Program Length | Total |
|---|---|
| Program Hours | 1,775<br>1,820* |
| Program Weeks<br>Career Prep Seq (6 weeks)<br>VA Seq 1-3+Extern (6 weeks each)<br>VT Seq I-V (8 weeks each)<br>VT Extern/Seminar Seq (7 weeks) | 77 weeks<br>(5-day schedule)<br><br>86 weeks<br>(4-day schedule) |

*Las Vegas Campus

## Campus Locations

AZ: East Valley, Phoenix, Tucson
CA: Chula Vista, San Marcos
CO: Aurora, Colorado Springs
NV: Las Vegas
TX: Houston, San Antonio
WA: Renton, Seattle

# Veterinary Technician • Course Descriptions

*Specific courses delivered online may vary by campus. Refer to the Prospective Student Handout for information about delivery method for each course within this hybrid program.*

**CCM 111 Communications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with experience with the wide range of communication skills necessary for success in health professions. Verbal and nonverbal communication, technical and professional writing, speaking and listening critically, health literacy, evaluating and synthesizing material from diverse cultural sources and points of view, and other topics. Legal and ethical issues in communication are also addressed.
*Prerequisites: None*

**MTH 129 Math Applications**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with the fundamentals of college algebra, and includes common formulae and calculations used in applied settings. Topics include fractions, decimals, linear equations, basic statistics, and pharmaceutical math.
*Prerequisites: None*

**SCI 120 Foundations in Biology and Chemistry**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This course provides an introduction to the fundamentals of chemistry and various life sciences as they relate to veterinary technology. Topics include inorganic and organic chemistry, biochemistry, cellular biology, and the biology of various life processes. This course provides a foundation for applied coursework in veterinary technology.
*Prerequisites: None*

**VTT 176 Introduction to Veterinary Technology**
*Total Course Hours: 25 (25 Theory, 0 Lab, 0 Extern) Semester Credits: 1.5*
This course presents the student with an introduction to veterinary science and the role of the credentialed veterinary technician on the veterinary team. Topics include the history of the field, scope of practice, ethical and legal issues, professionalism, and a survey of employment opportunities. This course provides the opportunity to learn and adopt methods and life skills that aid success in a professional degree program and the workplace and promote lifelong learning.
*Prerequisites: None*

**VTT 222 Food and Fiber Animal**
*Total Course Hours: 55 (45 Theory, 10 Lab, 0 Extern) Semester Credits: 3.0*
This course introduces the veterinary nursing student to livestock and animal science. This includes an overview of various segments of the livestock industry. Building on previous anatomy and physiology coursework, the primary focus of the course is the nursing and medicine of food animals. Coursework and lab exercises cover restraint, behavior, husbandry, nursing care, sampling techniques, bandaging, and radiography as well as medicine and a review of common surgeries of food and fiber species (bovine, caprine, ovine, camelid, and swine).
*Prerequisites: Professional Sequence I*

**VTT 224 Diagnostic Imaging for Veterinary Technicians**
*Total Course Hours: 30 (15 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course furthers the training in radiology, begun in veterinary assistantship, with advanced studies in screens, positioning, and contrast studies. Students will learn to utilize a portable radiology machine. The course introduces the student to basic ultrasound techniques and digital radiography.
*Prerequisites: Professional Sequence I*

**VTT 226 Small Animal Nursing**
*Total Course Hours: 75 (15 Theory, 60 Lab, 0 Extern) Semester Credits: 3.0*
This course provides advanced training in various nursing procedures within the veterinary technician's scope of practice. Topics include catheterization, aspiration, centesis, endotracheal and gastric intubation, rectal and reproductive procedures, sensory organ exams and testing, and bandaging techniques.
*Prerequisites: Professional Sequence I*

**VTT 232 Laboratory Animal Science**
*Total Course Hours: 35 (20 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course provides an overview of the principles of laboratory animal research and the role of the veterinary technician in the husbandry and nursing of small mammalian species as well as participation in research activities. Students will work with selected species that may include mice, rats, guinea pigs, and rabbits as well as other small mammals. The use of primates and nonmammalian species will be discussed.
*Prerequisites: Professional Sequence I*

# Veterinary Technician • Course Descriptions

**VTT 234 Laboratory Procedures for Veterinary Technicians**
*Total Course Hours: 65 (30 Theory, 35 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on diagnostic tests performed in the veterinary laboratory and includes discussion of various diseases and disorders of the body systems. Experience in bacteriology, endocrinology, hematology, serology, and parasitology is part of the curriculum.
*Prerequisites: Professional Sequence I*

**VTT 236 Anatomy and Physiology for Veterinary Technicians**
*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an in-depth analysis of the anatomy and physiology of the domestic species, with focus on the cat and dog. In the lab sessions, students will identify anatomical features and demonstrate an understanding of body function. Necropsy technique is mandatory.
*Prerequisites: Professional Sequence I*

**VTT 242 Dentistry Techniques**
*Total Course Hours: 30 (15 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course presents the tasks and techniques within the scope of practice of a veterinary technician. Included are examination, cleaning, scaling, polishing, and in some jurisdictions, extractions. Tooth anatomy and terminology is reviewed as well as the common veterinary dental diseases and disorders. Also addressed are protocols for veterinary dental radiography and assisting the DVM in advanced techniques.
*Prerequisites: Professional Sequence I*

**VTT 244 Pharmacology for Veterinary Technicians**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course focuses on those pharmacological topics within the scope of the veterinary technician. Topics include a review of pharmaceutical math and a detailed examination of the physiology and chemistry of drug effects on the nervous system. Also presented is a discussion of the proper protocol for many injectable and inhalant anesthetics, analgesics, and anti-inflammatories. Chemotherapeutics, antimicrobial, antiparasitic, and euthanasia agents are also addressed.
*Prerequisites: Professional Sequence I*

**VTT 246 Surgical Nursing for Veterinary Technicians**
*Total Course Hours: 70 (30 Theory, 40 Lab, 0 Extern) Semester Credits: 3.0*
In defining the veterinary technician's role in surgical nursing, the student will be exposed to the intricacies of the anesthesia machine and receive training in setting, adjusting, and maintaining the unit. The student will evaluate, medicate, anesthetize, prepare, and monitor a variety of surgical patients as well as learn the protocol as a sterile scrub nurse. A review and demonstration of various monitoring equipment is provided, and the student will participate in several surgeries of various intensities.
*Prerequisites: Professional Sequence I*

**VTT 248 Clinic Surgery and Lab**
*Total Course Hours: 15 (0 Theory, 15 Lab, 0 Extern) Semester Credits: 0.5*
This course provides opportunities for the students to advance their experience with surgical and anesthetic procedures and protocols through observation and applied practice. Students will deepen their understanding of laboratory and surgical procedures from assessment to follow-up care. Students will practice a variety of lab skills appropriate to their level of study.
*Prerequisites: Professional Sequence I*

**VTT 252 Exotic Animal Medicine and Nursing**
*Total Course Hours: 30 (15 Theory, 15 Lab, 0 Extern) Semester Credits: 1.5*
This course presents an overview of the various exotic animals that are an increasing part of the pet population. The focus is on the anatomy, behavior, nutrition, diseases, and restraint of various reptilian, amphibian, and avian groups as well as some of the exotic small mammals. Lab activities will include the restraint and physical examination of these species. Basic nursing techniques of these species are addressed.
*Prerequisites: Professional Sequence I*

**VTT 254 Equine Medicine and Nursing**
*Total Course Hours: 60 (45 Theory, 15 Lab, 0 Extern) Semester Credits: 3.5*
This course introduces the veterinary nursing student to equine medicine and the role of the veterinary technician in the equine practice. Lecture and lab activities develop a more advanced understanding of equine anatomy and physiology and covers restraint, behavior, husbandry, nursing and sampling techniques, bandaging, and radiography. Content includes the common causes of lameness in the horse as well as the more commonly performed surgical procedures. Toxicological principles and the more common diseases and disorders of the horse will also be discussed.
*Prerequisites: Professional Sequence I*

# Veterinary Technician • Course Descriptions

**VTT 256 Emergency Procedures**
*Total Course Hours: 40 (30 Theory, 10 Lab, 0 Extern) Semester Credits: 2.0*
This course covers the role of the veterinary technician in emergency procedures, both at an emergency clinic and at the veterinary hospital. Topics include assessment and triage, shock pathophysiology and treatment, trauma, CPCR review, toxicology, anesthetic and surgical emergencies, and the veterinary technician's role in maintenance of the veterinary emergency crash kit.
*Prerequisites: Professional Sequence I*

**VTT 258 Clinic Surgery and Lab**
*Total Course Hours: 30 (0 Theory, 30 Lab, 0 Extern) Semester Credits: 1.0*
This course provides opportunities for the students to advance their experience with surgical and anesthetic procedures and protocols through observation and applied practice. Students will deepen their understanding of laboratory and surgical procedures from assessment to follow-up care. Students will practice a variety of lab skills appropriate to their level of study.
*Prerequisites: Professional Sequence I*

**VTT 262 Veterinary Technician Seminar**
*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*
This course is designed to prepare the learner for the Veterinary Technician National Examination (VTNE). Content includes a comprehensive review of program content and the opportunity to participate in a simulated VTNE exam.
*Prerequisites: Professional Sequences I through V*

**VTT 291 Externship**
*Total Course Hours: 225 (0 Theory, 0 Lab, 225 Extern) Semester Credits: 5.0*
This course provides students with opportunities to apply professional skills learned in the classroom.
*Prerequisites: Professional Sequences I through V and all laboratory competencies*

**HST 205 Nevada History and US Constitution (Las Vegas Campus Only)**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
A survey of the history of the state of Nevada with focus on mining, gaming, government and recent developments in population expansion. The course will review the Nevada State Constitution and legal ramifications. The essentials of the US Constitution will also be examined. The course is designed to meet Nevada History/US Constitution associate degree requirements.
*Prerequisites: None*

After working at an animal shelter for about 10 years, I realized I wanted to become a veterinary technician. I did my research online and found that PMI's Veterinary Technician Program had a good reputation, and their morning classes worked perfectly with my schedule. I was able to be a single mom, go to classes in the morning, and work in the afternoon. I had previous degrees that I didn't use, and I've always enjoyed learning, but PMI's program was very accelerated. I learned so much so fast. My instructors were great and gave us really good feedback. I realize I was a bit of a late bloomer in deciding to go back to school at age 34, but I'm so glad I did.

During my externship, I worked at Veterinary Specialty Center where I got great experience ... and a job! I recently became the internal medicine lead technician. I love my job in internal medicine, and I'm always learning. In fact, I am working toward my veterinary technician specialty license and spend my vacation time in Mexico to participate in spay and neuter clinics. I have to say, it feels good to be surrounded by these graduates because I know they are well-trained and knowledgeable. This program really does set you up for success.

Joanna Horne
Associate Degree, Veterinary Technician, Seattle Campus

# Bachelor of Science in Radiologic Sciences

**Objective:** To prepare graduates for employment responsibilities where knowledge and skills beyond those typically attained at the associate degree level are required or preferred, with emphasis on developing professional leadership skills, applying critical thinking skills, and acquiring advanced knowledge of health care systems. General education content gives students the opportunity to explore and integrate information beyond the specific focus of their major and to build a foundation for lifelong learning. The program is based upon the core curriculum guidelines of the American Society of Radiologic Technologists (ASRT), which recognizes the baccalaureate degree as the professional level of radiologic science education.

Graduates of this program receive a Bachelor of Science Degree.

**Admissions Requirements:** Applicants to this degree completion program must hold an American Registry of Radiologic Technologists (ARRT) American Registry for Diagnostic Medical Sonography (ARDMS), or Nuclear Medicine Technology Certification Board (NMTCB) certification. Admission to the program requires an applicant to have completed a total of 70 semester credits of specific coursework at the postsecondary level consisting of 15 general education, 46 radiology technical, and 9 related credits. Transfer credits must meet the following conditions: awarded by a nationally or regionally accredited institution; grade of "C" or better; and numbered 100 and above. General education transfer credits are required to be from a broad sampling of various educational experiences, including arts and humanities, business, information systems, social sciences, or natural sciences. See additional Admissions and Transfer Credit requirements in the Prospective Students section of this catalog.

| Transfer Credit Requirements | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| Transfer of Credit (15 general education, 46 radiology technical, 9 related credits) | | | | | 70.0 |
| | **Transfer Total** | | | | **70.0** |

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *ENG 320* | *Advanced College Writing* | *45* | | | *3.0* |
| *CPT 301* | *Microcomputer Applications* | *45* | | | *3.0* |
| *BUS 220* | *Health Care Management* | *45* | | | *3.0* |
| *SPA 210* | *Spanish for the Medical Professional* | *45* | | | *3.0* |
| | **Semester I Total** | **180** | | | **12.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *MTH 315* | *Statistical Concepts* | *45* | | | *3.0* |
| *PHI 301* | *Critical Thinking* | *45* | | | *3.0* |
| *RSH 350* | *Introduction to Evidence-Based Practice* | *45* | | | *3.0* |
| HCA 310 | Health Care Law and Compliance | 45 | | | 3.0 |
| | **Semester II Total** | **180** | | | **12.0** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| RA 411 | Advanced Sectional Anatomy | 60 | | | 4.0 |
| RA 403 | Advanced Modalities | 45 | | | 3.0 |
| RA 350 | Advanced Patient Assessment and Treatment | 45 | | | 3.0 |
| RA 450<br>EDU 450 | Management in Medical Imaging or<br>Education Foundations for Allied Health Professionals | 45 | | | 3.0 |
| | **Semester III Total** | **195** | | | **13.0** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| HCA 430 | Patient Information and Management | 45 | | | 3.0 |
| HCA 470 | Quality Management | 45 | | | 3.0 |
| HLT 410 | Pathophysiology | 45 | | | 3.0 |
| RA 490 | Professional Capstone | 60 | | | 4.0 |
| | **Semester IV Total** | **195** | | | **13.0** |
| | **Semesters I, II, III, IV Total** | **750** | | | **50.0** |
| | **Program Total** | **750** | | | **120.0** |

## At a Glance

**Program Type:** Bachelor's Degree

**Delivery Method:** Online

**Semester Credits:** 120.0
(includes 70 transfer credits)

| Program Length | Total |
|---|---|
| Program Hours<br>(excludes transfer credits) | 750 |
| Program Weeks<br>Individual time to completion may vary by student depending on individual progress and credits transferred. | 64 |
| Program Semesters<br>(16 weeks/semester) | 4 |

## Campus Locations

The Online programs are delivered from Tucson, AZ.

Semester I

**ENG 320 Advanced College Writing**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course builds upon basic English composition to create a strong foundation for academic and professional writing. This course enhances students' analytical reading and writing skills appropriate to one's professional field. Through instruction and practice in the writing process, research and information literacy, APA writing style, and connecting writing and critical thinking, students will hone their confidence and competence in making writing decisions for audience, purpose, and context.

*Prerequisites: None*

**CPT 301 Microcomputer Applications**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course prepares students to utilize Windows-based applications within the Windows environment. Through a hands-on approach, students will achieve advanced application knowledge of Windows, word processing, presentation software, and spreadsheets.

*Prerequisites: None*

**BUS 220 Health Care Management**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course explores a wide variety of health care settings, from hospitals to nursing homes and clinics. Important issues in health care management, such as ethics, cost management, strategic planning and marketing, information technology, and human resources are explored.

*Prerequisites: None*

**SPA 210 Spanish for the Medical Professional**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course will focus on the simple phrases, terminology, and pronunciation necessary to communicate with Spanish-speaking clients in a health care setting. Students will also examine cultural and social factors that may impact communication in a health care setting.

*Prerequisites: None*

Semester II

**MTH 315 Statistical Concepts**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course introduces students to basic statistical concepts and statistical reasoning. Content encompasses core concepts of descriptive and inferential statistics with exploration of descriptive measures, graphical displays of data, sampling, distribution, measures of association, probability, hypothesis testing, confidence intervals, and linear regression. Common statistical tests, such as z-tests and Pearson correlation will be introduced. Students will practice statistical reasoning in real-world contexts.

*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**PHI 301 Critical Thinking**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course examines the components of and barriers to critical thinking. Students will examine premises and fallacies in various types of arguments. Students will evaluate components of persuasive communications.

*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RSH 350 Introduction to Evidence-Based Practice**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course provides a comprehensive overview of evidence-based practice (EBP) and the real-world application of research evidence. Emphasis is placed on developing practical skills that will enable students to find, read, and understand published research. Essential topics include developing a research question, performing evidence searches, analyzing research studies, and determining value and usefulness of evidence in practice.

*Prerequisite or Corequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and MTH 315 Statistical Concepts*

**HCA 310 Health Care Law and Compliance**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

Health care law and compliance is important because of its financial and emotional impact on health care professionals, patients, and health care facilities. This course focuses on legal and compliance issues that directly affect employer and employee. Content provides guidance on risk management techniques and reporting that can help mitigate noncompliance.

*Prerequisites: None*

Semester III

**RA 411 Advanced Sectional Anatomy**

*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*

This course provides a detailed overview of human sectional anatomy in the axial, sagittal, coronal, and oblique planes. Successful completion of this course will assist the imaging professional in understanding the physical relationship of internal structures, as well as identifying anatomy as it is commonly displayed through computed tomography (CT) and magnetic resonance imaging (MRI).

*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RA 403 Advanced Modalities**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides a broad foundation for practical knowledge and understanding of advanced imaging modalities, including computed tomography, magnetic resonance, nuclear medicine, sonography, interventional radiography, radiation oncology, PACS, and bone densitometry. General functions, applications, and safety concerns of these modalities are emphasized. Trends and advances in imaging technology are discussed.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RA 350 Advanced Patient Assessment and Treatment**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
As the role of the medical imaging professional continues to expand, more knowledge is needed in all areas. Patient care is no exception. Advanced patient care skills are essential elements of providing high quality patient care. This course focuses on patient education, assessment, communication, preprocedural and postprocedural care, and proper charting and documentation. Technologists' responsibilities and intervention in cases of critical patient need will be discussed.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RA 450 Management in Medical Imaging**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course is designed for radiologic science professionals with a desire to lead medical imaging departments. Emphasis on operational efficiency, transformative strategies, and quality patient care equips learners with the knowledge and skills to navigate the challenges and opportunities of emerging technologies, innovation, and resource management, contributing to the overall success of the department and health care facility.
*Prerequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and BUS 220 Health Care Management*

**EDU 450 Education Foundations**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides learners with an understanding of educational theory and concepts in the context of teaching within the allied health field. Exploration of various adult learning theories and applications in content design, instructional methods, and assessment prepares allied health professionals to elevate their teaching skills in diverse settings including patient and community education, staff development, clinical education, and academics. Learning to create engaging and effective learning experiences is accomplished through discussion, research, projects, and real-world applications.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

Semester IV
**HCA 430 Patient Information and Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
Patient information management is important because of the integral role a health care professional has within the team. It is essential for the health care professional to provide all members of the team with a thorough patient record to ensure quality patient care.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**HCA 470 Quality Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with a solid foundation in quality management and teamwork within the health care environment. Quality management is important to ensure the proper functioning of equipment and compliance with various standards. Health care professionals should have an understanding of the activities and their role in leading the quality management process.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**HLT 410 Pathophysiology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
A rich appreciation of the characteristics and manifestations of diseases caused by alterations or injury to the structure or function of the body are essential to the health care professional. The in-depth study of pathophysiology allows the professional to communicate better with other health care professionals, including physicians and scientists, as well as with the patient, for the history and physical assessment.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RA 490 Professional Capstone**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This is a capstone course focusing on the synthesis of professional knowledge and critical thinking skills in preparation for professional advancement and lifelong learning. This course provides students with an opportunity to identify and develop research skills necessary to create a solution for an existing health care issue. The course content is geared to increase and disseminate intellectual inquiry, information literacy, and the use of scholarly research methods.
*Prerequisites: Semesters I, II, and III courses*

# Bachelor of Science in Respiratory Therapy

**Objective:** To offer the highest quality education that fosters critical thinking, encourages professional leadership and development, and inspires a strong appreciation of ethical values and cultural diversity. A respiratory therapist entering the program will acquire the skills and knowledge above what is typically attained at the associate degree level. Graduates of entry into the respiratory care professional practice degree programs will gain additional knowledge, skills, and attributes in leadership, management, education, research, and/or advanced clinical practice that will enable them to meet their current professional goals and prepare them for practice as advanced degree respiratory therapists.

Graduates of this program receive a Bachelor of Science Degree.

**Admissions Requirements:** Admissions Requirements: Applicants to this degree completion program must have graduated from a CoARC-accredited Entry into Respiratory Care Professional Practice degree program and be a registered respiratory therapist (RRT) by the National Board for Respiratory Care (NBRC) prior to admission. Admission to the program requires that an applicant possess a high school diploma or recognized equivalency and have completed a total of 71 semester credits of specific coursework at the postsecondary level. The 71 transfer credits shall consist of 15 general education, 44 respiratory therapy technical, and 12 related credits. Transfer credits into this program must meet the following conditions: awarded by a nationally or regionally accredited institution; grade of "C" or better; and numbered 100 and above. General education transfer credits are required to be from a broad sampling of various educational experiences including arts and humanities, business, information systems, social sciences, or natural sciences. See additional Admissions and Transfer Credit requirements in the Prospective Students section of this catalog.

| Transfer Credit Requirements | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| Transfer of Credit (15 general education, 44 respiratory therapy, 12 related credits) | | | | | 71.0 |
| | **Transfer Total** | | | | **71.0** |

| Semester I | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *ENG 320* | *Advanced College Writing* | *45* | | | *3.0* |
| *CPT 301* | *Microcomputer Applications* | *45* | | | *3.0* |
| *BUS 220* | *Health Care Management* | *45* | | | *3.0* |
| *SPA 210* | *Spanish for the Medical Professional* | *45* | | | *3.0* |
| | **Semester I Total** | **180** | | | **12.0** |

| Semester II | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| *MTH 315* | *Statistical Concepts* | *45* | | | *3.0* |
| *PHI 301* | *Critical Thinking* | *45* | | | *3.0* |
| *RSH 350* | *Introduction to Evidence-Based Practice* | *45* | | | *3.0* |
| HCA 310 | Health Care Law and Compliance | 45 | | | 3.0 |
| | **Semester II Total** | **180** | | | **12.0** |

| Semester III | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| HCA 460 | Public Health | 45 | | | 3.0 |
| RES 325 | Polysomnography | 45 | | | 3.0 |
| RES 440 | Home Health | 45 | | | 3.0 |
| RES 450<br>EDU 450 | Leadership in Respiratory Care or<br>Education Foundations for Allied Health Professionals | 45 | | | 3.0 |
| | **Semester III Total** | **180** | | | **12.0** |

| Semester IV | | | | | |
|---|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Lab** | **Extern** | **Credits** |
| HCA 430 | Patient Information and Management | 45 | | | 3.0 |
| HCA 470 | Quality Management | 45 | | | 3.0 |
| RES 420 | Disease Management and Wellness Promotion | 45 | | | 3.0 |
| RES 490 | Professional Capstone | 60 | | | 4.0 |
| | **Semester IV Total** | **195** | | | **13.0** |

| | | | | |
|---|---|---|---|---|
| **Semesters I, II, III, IV Total** | **735** | **0** | **0** | **49.0** |
| **Program Total** | **735** | **0** | **0** | **120.0** |

## At a Glance

**Program Type:** Bachelor's Degree

**Delivery Method:** Online

**Semester Credits:** 120.0
(includes 71 transfer credits)

| Program Length | Total |
|---|---|
| Program Hours<br>(excludes transfer credits) | 735 |
| Program Weeks<br>Individual time to completion may vary by student depending on individual progress and credits transferred. | 64 |
| Program Semesters<br>(16 weeks/semester) | 4 |

## Campus Locations

The Online programs are delivered from Tucson, AZ.

# Bachelor of Science in Respiratory Therapy • Course Descriptions

Semester I

**ENG 320 Advanced College Writing**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course builds upon basic English composition to create a strong foundation for academic and professional writing. This course enhances students' analytical reading and writing skills appropriate to one's professional field. Through instruction and practice in the writing process, research and information literacy, APA writing style, and connecting writing and critical thinking, students will hone their confidence and competence in making writing decisions for audience, purpose, and context.

*Prerequisites: None*

**CPT 301 Microcomputer Applications**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course prepares students to utilize Windows-based applications within the Windows environment. Through a hands-on approach, students will achieve advanced application knowledge of Windows, word processing, presentation software, and spreadsheets.

*Prerequisites: None*

**BUS 220 Health Care Management**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course explores a wide variety of health care settings, from hospitals to nursing homes and clinics. Important issues in health care management, such as ethics, cost management, strategic planning and marketing, information technology, and human resources are explored.

*Prerequisites: None*

**SPA 210 Spanish for the Medical Professional**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course will focus on the simple phrases, terminology, and pronunciation necessary to communicate with Spanish-speaking clients in a health care setting. Students will also examine cultural and social factors that may impact communication in a health care setting.

*Prerequisites: None*

Semester II

**MTH 315 Statistical Concepts**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course introduces students to basic statistical concepts and statistical reasoning. Content encompasses core concepts of descriptive and inferential statistics with exploration of descriptive measures, graphical displays of data, sampling, distribution, measures of association, probability, hypothesis testing, confidence intervals, and linear regression. Common statistical tests, such as z-tests and Pearson correlation will be introduced. Students will practice statistical reasoning in real-world contexts.

*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**PHI 301 Critical Thinking**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course examines the components of and barriers to critical thinking. Students will examine premises and fallacies in various types of arguments. Students will evaluate components of persuasive communications.

*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RSH 350 Introduction to Evidence-Based Practice**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course provides a comprehensive overview of evidence-based practice (EBP) and the real-world application of research evidence. Emphasis is placed on developing practical skills that will enable students to find, read, and understand published research. Essential topics include developing a research question, performing evidence searches, analyzing research studies, and determining value and usefulness of evidence in practice.

*Prerequisite or Corequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and MTH 315 Statistical Concepts*

**HCA 310 Health Care Law and Compliance 3**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

Health care law and compliance is important because of its financial and emotional impact on health care professionals, patients, and health care facilities. This course focuses on legal and compliance issues that directly affect employer and employee. Content provides guidance on risk management techniques and reporting that can help mitigate noncompliance.

*Prerequisites: None*

Semester III

**HCA 460 Public Health**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course provides an overview of the field of public health, with an emphasis on the role of public health agencies in resolving community health problems. Students will examine social, political, economic, geographic, demographic, and physiological factors affecting health care status of communities and individuals.

*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RES 325 Polysomnography**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course is a study of the clinical and technical aspects of polysomnography. Topics address normal and abnormal sleep physiology and sleep disorders. Students learn the basics of polysomnography, including instrumentation and recording technology, methodology, and the inner workings of a sleep laboratory. The course also addresses patient-technologist interaction and administrative and safety issues.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RES 440 Home Health**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course is an introduction to home health and its specific issues. Topics include discharge planning, case management, reimbursement and Medicare. Students will be introduced to outcome-based home care and disease management.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RES 450 Leadership in Respiratory Care**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course will equip respiratory care practitioners with a comprehensive understanding of current principles and practices of leading a respiratory care department. The course addresses the unique challenges and responsibilities associated with managing resources, efficient workflows, and integrating technology innovations in respiratory care. In the application of leadership principles, learners acquire the ability to navigate legal, ethical, and accreditation considerations in the administration of a respiratory care department.
*Prerequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and BUS 220 Health Care Management*

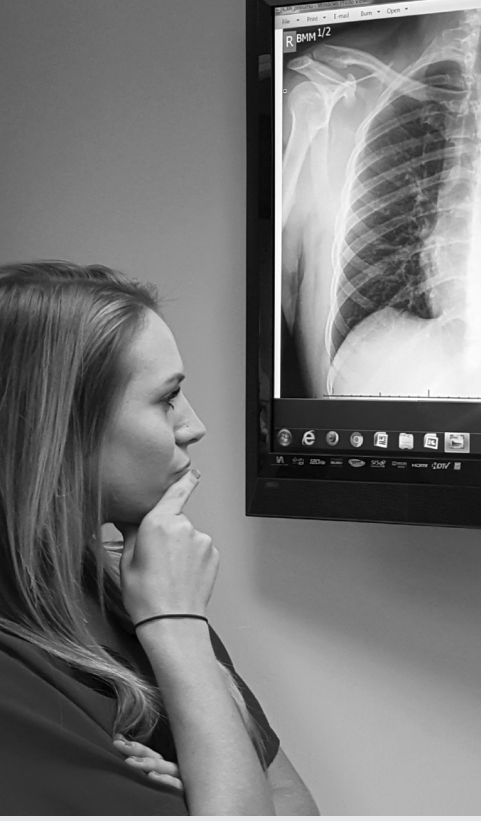
**EDU 450 Education Foundations**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides learners with an understanding of educational theory and concepts in the context of teaching within the allied health field. Exploration of various adult learning theories and applications in content design, instructional methods, and assessment prepares allied health professionals to elevate their teaching skills in diverse settings including patient and community education, staff development, clinical education, and academics. Learning to create engaging and effective learning experiences is accomplished through discussion, research, projects, and real-world applications.
*Prerequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications*

Semester IV
**HCA 430 Patient Information and Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
Patient information management is important because of the integral role a health care professional has within the team. It is essential for the health care professional to provide all members of the team with a thorough patient record to ensure quality patient care.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**HCA 470 Quality Management**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with a solid foundation in quality management and teamwork within the health care environment. Quality management is important to ensure the proper functioning of equipment and compliance with various standards. Health care professionals should have an understanding of the activities and their role in leading the quality management process.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RES 420 Disease Management and Wellness Promotion**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course is designed for respiratory care professionals seeking to elevate their skills and knowledge in a specialized role of disease management. The course focuses on strategies for chronic disease management and wellness promotion, including patient education and counseling, adapting interventions across the lifespan using evidence-based research, and fostering a collaborative approach to managing chronic conditions and promoting healthy lifestyles. The course prepares learners to navigate the challenges and opportunities of disease management in the evolving landscape of respiratory health care.
*Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications*

**RES 490 Professional Capstone**
*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*
This is a capstone course focusing on the synthesis of professional knowledge and critical thinking skills in preparation for professional advancement and lifelong learning. This course provides students with an opportunity to identify and develop research skills necessary to create a solution for an existing health care issue. The course content is geared to increase and disseminate intellectual inquiry, information literacy, and the use of scholarly research methods.
*Prerequisites: Semesters I, II, and III courses*



# Radiography—Bridge

**Objective:** To develop in students the personal and professional skills needed to perform as competent entry-level radiologic technologists. Students will be presented with information in anatomy and physiology, methods of patient care, medical terminology, radiographic techniques, and communications.

Graduates of this program receive an Associate of Applied Science Degree and are qualified to apply to take the American Registry of Radiologic Technologists (ARRT) examination for certification.

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, applicants must document a minimum of 1,599 hours of clinical experience in radiologic sciences. In addition, applications must document graduation from one of the following: a United States military program in radiologic sciences; a JRCERT-accredited radiologic sciences program; a foreign program in radiologic sciences equivalent in length to one year or more of college coursework; or an approved or licensed limited scope radiography program. One year of college coursework is defined as 30 credit hours. Students are granted 35.5 credits for previous radiologic sciences education and experience. Refer to the Transfer Credit information in the Prospective Students section of this catalog.

| Transfer Credit | | | |
|---|---|---|---|
| | Theory | Extern | Credits |
| Transfer of Credit (1 medical terminology, 34.5 clinical experience credits) | | | 35.5 |
| **Transfer Total** | | | **35.5** |

| Semester I | | | | |
|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Extern** | **Credits** |
| *CCM 112* | *Communications* | *45* | | *3.0* |
| *PSY 140* | *Interpersonal Relations* | *30* | | *2.0* |
| *MTH 210* | *Math Applications* | *45* | | *3.0* |
| *BIO 134* | *Anatomy and Physiology I* | *60* | | *4.0* |
| | **Semester I Total** | **180** | | **12.0** |

| Semester II | | | | |
|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Extern** | **Credits** |
| RAD 112 | Positioning I | 45 | | 3.0 |
| *BIO 144* | *Anatomy and Physiology II* | *60* | | *4.0* |
| RAD 122 | Positioning II | 45 | | 3.0 |
| *CLE 112* | *Medical Law and Ethics* | *30* | | *2.0* |
| | **Semester II Total** | **180** | | **12.0** |

| Semester III | | | | |
|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Extern** | **Credits** |
| RAD 132 | Positioning III | 45 | | 3.0 |
| RAD 134 | Methods of Patient Care | 45 | | 3.0 |
| RAD 128 | Physics | 45 | | 3.0 |
| RAD 212 | Advanced Radiographic Imaging and Special Procedures | 45 | | 3.0 |
| | **Semester III Total** | **180** | | **12.0** |

| Semester IV | | | | |
|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Extern** | **Credits** |
| RAD 138 | Principles of Exposure | 45 | | 3.0 |
| RAD 238 | Pathology | 45 | | 3.0 |
| RAD 232 | Radiography II | 45 | | 3.0 |
| RAD 142 | Radiographic Biology | 45 | | 3.0 |
| | **Semester IV Total** | **180** | | **12.0** |

| Semester V | | | | |
|---|---|---|---|---|
| **Course #** | **Course** | **Theory** | **Extern** | **Credits** |
| RAD 248 | Radiography III | 90 | | 6.0 |
| RAD 256 | Clinical Externship IV | | 252 | 5.5 |
| | **Semester IV Total** | **90** | **252** | **11.5** |

| | | | |
|---|---|---|---|
| **Transfer Courses Total** | **15** | **1,599** | **35.5** |
| **Program Total** | **825** | **1,851** | **95.0** |

## At a Glance

**Program Type:** Associate Degree
**Delivery Method:** Online
**Semester Credits:** 95.0

| Program Length | Total |
|---|---|
| Program Hours | 2,676 |
| Program Weeks<br>Transfer hours: 1,614<br>Program-specific hours: 1,062 | 80 |
| Program Semesters<br>(16 weeks per semester) | 5 |

## Campus Locations

The Online programs are delivered from Tucson, AZ.

# Radiography—Bridge • Course Descriptions

Semester I

**CCM 112 Communications**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course introduces foundational concepts of human communication and enables students to develop their awareness and effectiveness as communicators in social, professional, and interpersonal situations. Students explore verbal and nonverbal communication, communication styles, speaking and listening skills, and cultural factors that influence communication. Basic internet research skills, source citation, and effective interpretation of information are also addressed.

*Prerequisites: None*

**PSY 140 Interpersonal Relations**

*Total Course Hours: 30 (30 Theory 0 Lab, 0 Extern) Semester Credits: 2.0*

This course explores the psychological nature of humans and their interactions. Students will gain an understanding of basic psychological concepts as well as an awareness of self and how these elements provide a foundation for the interaction of the individual within the social and health care environments. Topics include but are not limited to perception, adaptation, communication, group processes, and the impact of health on behavior.

*Prerequisites: None*

**MTH 210 Math Applications**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course provides the student with the fundamentals of college algebra. Mathematical operations covered include fractions, decimals, algebraic equations, basic statistics, word problems, and graphing.

*Prerequisites: None*

**BIO 134 Anatomy and Physiology I**

*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits:4.0*

The objective of this course is to provide the student with knowledge of the structure and function of the human body. Cells and tissues will be described, and organs will be discussed as components of their respective systems. Course content includes the structures and functions of the integumentary and musculoskeletal systems.

*Prerequisites: None*

Semester II

**RAD 112 Positioning I**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course covers basic terminology, anatomy, and radiographic procedures.

*Prerequisites: BIO 134 Anatomy and Physiology I*

**BIO 144 Anatomy and Physiology II**

*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0*

A continuation of BIO 134, this course content includes the structure and function of the endocrine, nervous, cardiovascular (including blood, heart, blood vessels, and circulation), lymphatic, respiratory, digestive, urinary, and reproductive systems.

*Prerequisites: BIO 134 Anatomy and Physiology I*

**RAD 122 Positioning II**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course is a continuation of RAD 112 and covers basic terminology, anatomy, and radiographic procedures.

*Prerequisites: RAD 112 Positioning I, BIO 134 and BIO 144 (Anatomy and Physiology I and II)*

**CLE 112 Medical Law and Ethics**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits:3.0*

Students are provided an overview of ethics and the law as they apply to medical professions and practice. Topics include scope of practice, legal issues, ethical considerations, patient rights, informed consent, standards of care, documentation, and workplace issues, including employment discrimination.

*Prerequisites: None*

Semester III

**RAD 132 Positioning III**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

This course is a continuation of RAD 112 and RAD 122 and covers basic terminology, anatomy, and radiographic procedures. Students learn advanced positioning skills for age-specific populations.

*Prerequisites: RAD 112 Positioning I, RAD 122 Positioning II, BIO 134 and BIO 144 (Anatomy and Physiology I and II)*

**RAD 134 Methods of Patient Care**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
Students are instructed in basic patient care skills as they apply to radiologic technology. Emphasis is placed on safety, infection control, aseptic techniques, administration of contrast media, venipuncture, pharmacology, patient assessment, care of the critical patient and emergency care, and the care of tubes, catheters and vascular lines. In California, this course will provide the education and training for venipuncture certification.
*Prerequisites: None*

**RAD 128 Physics**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an in-depth analysis of radiologic physics. Some of the topics and principles covered include atomic structure, electricity, electromagnetism, equipment operation and maintenance, x-ray production, and x-ray interactions.
*Prerequisites: MTH 210 Math Applications*

**RAD 212 Advanced Radiographic Imaging and Special Procedures**
*Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0*
This course presents radiography skills and equipment used in various imaging procedures and advanced modalities. Topics include but are not limited to cardiovascular and interventional radiography, computed tomography imaging, magnetic resonance imaging, mammography, bone densitometry, ultrasound, nuclear medicine and radiation oncology.
*Prerequisites: Semesters I, II, and RAD132 Positioning III*

Semester IV
**RAD 138 Principles of Exposure**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course covers the factors that affect the diagnostic quality of radiographic images. Topics covered include image acquisition, digital imaging systems, image processing, beam limitation, grids, contrast, receptor exposure, spatial resolution, and structural considerations.
*Prerequisites: RAD 128 Physics, RAD 112 Positioning I*

**RAD 238 Pathology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides an overview of radiographic pathology. Topics cover pathologies of the following body systems: musculoskeletal, respiratory, gastrointestinal, hepatobiliary, urinary, hematopoietic, cardiovascular, nervous, endocrine, and reproductive systems. Traumatic injuries are also addressed.
*Prerequisites: Semesters I, II, and III courses*

**RAD 232 Radiography II**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course builds upon the foundations of classroom theory and practical experience in the field in the critique of radiographic image quality, with an emphasis on image analysis.
*Prerequisites: RAD 128 Physics, RAD 112 Positioning I, RAD 122 Positioning II, and RAD 132 Positioning III*

**RAD 142 Radiographic Biology**
*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*
This course provides the student with instruction on x-ray interactions with matter, radiation effects on the molecular and cellular levels, acute and long-term radiation responses, and radiation protection principles.
*Prerequisites: RAD 128 Physics, BIO 134 and BIO144 (Anatomy and Physiology I and II)*

Semester V
**RAD 248 Radiography III**
*Total Course Hours: 90 (90 Theory, 0 Lab, 0 Extern) Semester Credits: 6.0*
This course is designed to prepare the student for examination for certification by the American Registry of Radiologic Technologists (ARRT).
*Prerequisites: Semesters I, II, III, and IV courses; Co-requisite: RAD 256 Clinical Externship IV*

**RAD 256 Clinical Externship IV**
*Total Course Hours: 252 (0 Theory, 0 Lab, 252 Extern) Semester Credits: 5.5*
This course provides the student with clinical experience under the supervision of clinical staff and faculty. Students will develop clinical competence by performing a variety of radiographic procedures on a diverse patient population. Student learning and competence will be determined in part through frequent critique and evaluation, as well as specific formative and summative assessment tools. Students are expected to demonstrate the clinical skill and competence as required of an entry-level radiographer.
*Prerequisites: Semesters I, II, III, and IV courses; Co-requisite: RAD 248 Radiography III*

# Licensure Determination Disclosure
# Certificate Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has made a reasonable effort to determine graduate eligibility for licensure in all states/territories for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states/territories where the curriculum meets licensure requirements and states/territories where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Advanced Emergency Medical Technician** | | Nevada | Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | Applicants to this program must be physically located in the state of Nevada. Applicants located outside of Nevada will not be eligible for admission to the AEMT program.<br><br>Graduates of this program are eligible to sit for the National Registry of Advanced Emergency Medical Technicians (NRAEMT) Credentialing Examination at the AEMT level. Once the NRAEMT credential and state licensure are obtained, graduates may be eligible for licensure transfer and/or state reciprocity.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements can be found below:<br><br>https://pmi.edu/wp-content/uploads/2025/11/State-Licensing-Board-Contact-Info-AEMT-Program.pdf |
| **Dental Assistant** | Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, US Virgin Islands, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming | California *(Chula Vista and San Marcos Programs ONLY)*, District of Columbia (Level I), Guam, N. Mariana Islands, Tennessee, Washington | California*, Iowa, Massachusetts, Montana**, New York, American Samoa, Puerto Rico | *Graduates from DA programs at the following campuses are not eligible for licensure in the state of California: Mesa, Phoenix, Tucson, Aurora, Colorado Springs, Denver, Las Vegas, Albuquerque, El Paso, Houston, San Antonio, Renton, and Seattle<br>** *The State of Montana does not have licensure requirements for this profession; however, regulations prohibit hiring of non-CODA* ***(Commission on Dental Accreditation)*** *trained Dental Assistants.*<br><br>Contact information for State/Territory Licensing Boards in which the PMI program Does Not Meet licensure requirements or Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_DA.pdf |

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Emergency Medical Technician** | | Nevada | Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | Applicants to this program must be physically located in the state of Nevada. Applicants located outside of Nevada will not be eligible for admission to the EMT program.<br>Graduates of this program are eligible to sit for the National Registry of Emergency Medical Technicians (NREMT) Credentialing Examination at the EMT level. Once the NREMT credential and state licensure are obtained, graduates may be eligible for licensure transfer and/or state reciprocity.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at<br><br>https://pmi.edu/wp-content/uploads/2025/05/State-Licensing-Board-Contact-Information_EMT.pdf |
| **Medical Assistant** | Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, Tennessee, Texas, US Virgin Islands, Utah, Vermont, Virginia, West Virginia, West Virginia, Wisconsin, Wyoming | South Dakota, Washington | American Samoa, N. Mariana Islands | Contact information for Licensing Boards of states/territories that PMI has been Unable to Make a Licensure Determination can be found at<br><br>https://pmi.edu/wp-content/uploads/2022/03/Licensing-Board-Contact-Info_MA.pdf |
| **Medical Billing and Coding** | Licensure not required | | | |

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Pharmacy Technician** | Hawaii, Maine, Missouri, Pennsylvania, South Carolina | Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Oregon, Rhode Island, South Dakota, Tennessee, Texas, Vermont, Virginia, **Washington^**, Wyoming, Puerto Rico, Guam | Alabama, District of Columbia, Massachusetts+, North Dakota+, Ohio+, Oklahoma, Utah+, Washington^, West Virginia+, Wisconsin, American Samoa, N. Mariana Islands, US Virgin Islands | +State licensure/registration is required – applicants for licensure must have graduated from an ASHP-Accredited program – only graduates from the Las Vegas program meet these requirements.<br>^State licensure/registration is required – applicants for state licensure/registration must have graduated from an ASHP-Accredited program or a program approved by the Washington State Pharmacy Quality Assurance Commission (WSPQAC) – only graduates from the Las Vegas campus and Renton Campus meet this requirement.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_RXT-1.pdf |
| **Phlebotomy Technician** | Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, West Virginia, Wisconsin, Wyoming | California* *(San Marcos Program ONLY)*, Nevada, Washington | California*, Louisiana, American Samoa, District of Columbia, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *California requires completion of a state-approved Phlebotomy Training Program to obtain licensure/certification in the state. Only graduates from the San Marcos program are eligible. Graduates from the East Valley, Phoenix, Tucson, El Paso, Houston, San Antonio, and Renton programs are not eligible for licensure/certification in the state of California.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_PHLB.pdf |

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Sterile Processing Technician** | Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming | Connecticut, New Jersey, New York, Tennessee | American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | Graduates of this program are eligible to take the CRCST Credentialing Examination.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/03/State-Licensing-Board-Contact-Information_SPT.pdf |
| **Veterinary Assistant** | Licensure not required | | | |

# State Licensure Determination Disclosure
## Associate Degree Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has made a reasonable effort to determine graduate eligibility for licensure in all states/territories for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states/territories where the curriculum meets licensure requirements and states/territories where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Dental Hygiene** | | All States/Territories | | Graduates of CODA Accredited programs are eligible to apply to take the National Board Dental Hygiene Examination and other board examinations as required for state licensure. |
| **Diagnostic Medical Sonography** | Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington DC, West Virginia, Wisconsin, Wyoming, US Virgin Islands | New Hampshire, New Mexico, North Dakota, Oregon | American Samoa, Guam, N. Mariana Islands, Puerto Rico | Graduates of PMI DMS programs may be eligible to apply for the American Registry of Diagnostic Medical Sonography (ARDMS) board examination through one of the available pathways.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: https://pmi.edu/wp-content/uploads/2022/08/State-Licensing-Board-Contact-Info-DMS.pdf |
| **Medical Laboratory Technician** | | Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, West Virginia, Wisconsin, Wyoming | California, New York, North Dakota, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-MLT-1.pdf |

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Occupational Therapy Assistant** | | All States/Territories | | Graduates of the OTA program are eligible to apply to take the National Certification Examination for Occupational Therapy Assistant (COTA) administered by the National Board for Certification in Occupational Therapy (NBCOT). |
| **Paramedic** | | Arizona*, Nevada*<br><br>Alabama, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington DC, West Virginia, Wisconsin, Wyoming | Alaska, New York, Oregon, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *The Paramedic program is a hybrid program offered at the Las Vegas campuses and available to residents of Nevada, and meets requirements for licensure and employment in Nevada. While there are online components, this program requires on-ground attendance at the campus at which the student is enrolled and cannot be completed solely via distance education.<br><br>Graduates of the Paramedic program are eligible to apply to take the National Registry of Emergency Medical Technicians (NREMT) certification examination at the paramedic level.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PARA.pdf |
| **Physical Therapist Assistant** | | All States/Territories | | Graduates of PMI PTA programs are eligible to apply to take the National Physical Therapy Examination for Physical Therapist Assistants (NPTE-PTA) which is administered by the Federation of State Boards of Physical Therapy (FSBPT). |
| **Radiography** | | All States/Territories | | Graduates of PMI RAD programs are eligible to apply to take the American Registry of Radiologic Technologists (ARRT) examination for certification. |
| **Respiratory Therapy** | | All States/Territories | | Graduates of PMI RT programs are eligible to apply to take the National Board for Respiratory Care Therapist Multiple-Choice (TMC) Examination. Those who meet the threshold on the TMC are eligible to take the Clinical Simulation Examination (CSE) to obtain the Registered Respiratory Therapist (RRT) credential. |

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Surgical Technology** | Alabama, Alaska, Arizona, California, Connecticut, Delaware, Florida, Georgia, Hawaii, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Mexico, North Carolina, Ohio, Rhode Island, South Dakota, Utah, Vermont, Washington DC, West Virginia, Wisconsin, Wyoming, US Virgin Islands, American Samoa, Guam, N. Mariana Islands, Puerto Rico | Arkansas, Colorado, Idaho, Illinois, Indiana, Massachusetts, Nevada, New Jersey, New York, North Dakota, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington | | Graduates of PMI ST programs are eligible to apply to take the Certified Surgical Technologist (CST ®) exam administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA). |
| **Veterinary Technician** | Arizona, District of Columbia, Florida, Massachusetts, New Hampshire, New Jersey, Rhode Island, US Virgin Islands, Utah, Vermont, Wyoming | Alabama, Alaska, Arkansas, California, Colorado, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Puerto Rico, South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, West Virginia, Wisconsin | American Samoa, Guam, N. Mariana Islands | Graduates of PMI VTT programs are eligible to apply to take the Veterinary Technician National Examination (VTNE) and applicable state board examinations.<br><br>Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: https://pmi.edu/wp-content/uploads/2022/08/Licensing-Board-Contact-Info-VTT.pdf |

# Licensure Determination Disclosure
# Nursing Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has made a reasonable effort to determine graduate eligibility for licensure in all states/territories for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states/territories where the curriculum meets licensure requirements and states/territories where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Nursing Assistant/Aide (certificate)** | | Arizona, Colorado, Florida, Michigan, New Mexico, Texas | Alaska Alabama, Arkansas, California, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, Washington D.C, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *this is an on-ground program available to residents of Arizona, Colorado, and Texas and meets licensure/certification requirements in those states.<br><br>After licensure is obtained in the state (AZ, CO, or TX) transfer of licensure may be available via state reciprocity compacts. Prospective students and current students are strongly encouraged to contact the state professional licensing board or similar regulatory body in the state(s) where they plan to work to determine licensure requirements before enrolling in a program.<br><br>State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-NA-Programs.pdf |
| **Practical Nursing (PN) (certificate)** | | Colorado, New Mexico | Alabama, Alaska, Illinois, Arizona, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *The Albuquerque program is a hybrid program available to residents of New Mexico. The Albuquerque program is approved by the New Mexico Board of Nursing. While there are online components, this program requires on-ground attendance at the campus at which the student is enrolled and cannot be completed solely via distance education.<br>*The Aurora program is an on-ground program available to residents of Colorado. The Aurora program is approved for licensure by the Colorado State Board of Nursing.<br><br>After licensure is obtained in the state (CO or NM), transfer of licensure may be available via state reciprocity compacts. Prospective students and current students are strongly encouraged to contact the state professional licensing board or similar regulatory body in the state(s) where they plan to work to determine requirements before enrolling in a program.<br><br>State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PN-Programs.pdf |

# Licensure Determination Disclosure
# Nursing Programs

| Program | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements | Does Not Meet Licensure Requirements | Notes |
|---|---|---|---|---|
| **Practical Nursing to Associate Degree Nursing Bridge (PN to ADN)** | | New Mexico | Alabama, Alaska, Illinois, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *The Albuquerque program is a hybrid program available to residents of New Mexico. The Albuquerque program is approved by the New Mexico Board of Nursing. While there are online components, this program requires on-ground attendance at the campus at which the student is enrolled and cannot be completed solely via distance education.<br><br>After licensure is obtained in New Mexico transfer of licensure may be available via state reciprocity compacts. Prospective students and current students are strongly encouraged to contact the state professional licensing board or similar regulatory body in the state(s) where they plan to work to determine licensure requirements before enrolling in a program.<br><br>State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf |
| **Nursing (Associate Degree)** | | Arizona* | Alabama, Alaska, Illinois, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *this is an on-ground program available to residents of Arizona and is approved for licensure by the Arizona State Board of Nursing.<br><br>After licensure is obtained in AZ, transfer of state licensure may be available via state reciprocity compacts. Prospective students and current students are strongly encouraged to contact the state professional licensing board or similar regulatory body in the state(s) where they plan to work to determine requirements before enrolling in a program.<br><br>State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf |

# State Licensure Determination Disclosure
# Online Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has determined graduate eligibility for licensure in all states for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states where the curriculum meets licensure requirements and states where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to state statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

## Online Certificate Program

| Program | Program does not lead to licensure or Licensure Not Required | Meets Requirements | Does Not Meet Requirements | Notes |
|---|---|---|---|---|
| **Medical Administrative Assistant (MAA)** | Licensure is not required for employment in any states/territories. | | | |
| **Computed Tomography (CT)** | | Alabama, Alaska, Arizona, Arkansas, California, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Virginia, Washington, West Virginia, Wyoming | Colorado, Massachusetts, Michigan, Nevada, New Mexico, North Carolina, Oregon, Tennessee, Wisconsin, Vermont, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | *Applicants to this program must hold a current American Registry of Radiologic Technologists (ARRT) registration as a radiologic technologist. Applicants must also document current employment as a radiologic technologist and the employer's intention to cross-train the applicant as a CT.<br><br>The CT program does not typically enroll applicants that are physically located in states/territories in which the curriculum does not meet licensure requirements. Contact the program for more information.<br><br>Contact information for State/Territory Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at https://pmi.edu/online-programs/certificate/computed-tomography/ |

## Online Associate Degree Programs

| Program | Program does not lead to licensure or Licensure Not Required | Meets Requirements | Does Not Meet Requirements | Notes |
|---|---|---|---|---|
| **Radiography - Bridge** | | All States* | | *applicants to this program must document graduation from one of the following: A United States military program in radiologic sciences; a JRCERT accredited radiologic sciences program; a foreign program in radiologic sciences equivalent in length to one year or more of college coursework; or an approved or licensed limited scope radiography program. Graduates of this program are eligible to apply to take the American Registry of Radiologic Technologists (ARRT) examination for certification. |

| | | | | |
|---|---|---|---|---|
| **Health Care Administration** | Program does not lead to licensure | | | |

## Online Bachelor's Degree Programs

| Program | Program does not lead to licensure or Licensure Not Required | Meets Requirements | Does Not Meet Requirements | Notes |
|---|---|---|---|---|
| **BS Health Care Administration** | Program does not lead to licensure | | | |
| **BS Nursing (RN to BSN)** | Program does not lead to licensure * | | | *admission to the program requires that applicants maintain an active and unencumbered license as a registered nurse and be employed as a registered nurse (RN). |
| **BS Physical Therapist Assistant** | Program does not lead to licensure * | | | *Applicants to this degree program must have graduated from a PTA program accredited by CAPTE. This is a degree completion program. Licensure/certification as a PTA in a state within the United States is required prior to taking courses in semesters three and four. |
| **BS Radiologic Sciences** | Program does not lead to licensure * | | | *Applicants to this degree completion program must hold an American Registry of Radiologic Technologists (ARRT) certification. |
| **BS Respiratory Therapy** | Program does not lead to licensure * | | | *Applicants to this degree completion program must be registered respiratory therapist (RRT). |

## Online Master's Degree Program

| Program | Program does not lead to licensure or Licensure Not Required | Meets Requirements | Does Not Meet Requirements | Notes |
|---|---|---|---|---|
| **MS Organizational Leadership** | Program does not lead to licensure | | | |