



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

2160 South Power Road  
Mesa, AZ 85209  
480.898.9898

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

ARIZONA STATE BOARD FOR PRIVATE POSTSECONDARY EDUCATION  
1740 WEST ADAMS STREET, SUITE 2000  
PHOENIX, AZ  
85007

Web: <https://ppse.az.gov>  
Phone: 602.542.5709

EV

I certify this catalog to be true and correct in content and policy

Signature: *Redney Fitzsimmons*

Date: 2/23/26

**Revision date: 2/23/26**

First Name	Last Name	Credentials	Title
Rodney	Fitzsimmons		Campus Director
Christine M.	Lee		Assistant Dean of Faculty
Tracy	Vickery		Student Services Coordinator
Rebecca	Hatten		Career Services Coordinator
Felicia	Mills		Career Services Advisor
Teri	Zenner		Career Services Advisor
Matthew	Snitzer		Student Finance Coordinator
Teresa	Vanacker		Student Finance Officer
Crystal	Williams		Admissions Representative
Sydney	Gawronski		Admissions Representative
Kacie	Bradford		Registrar/Office Manager
Christina	Sbraccia		Bookroom
Brenda	Magana		Daytime/Evening Receptionist
Amber	Waiktus		Daytime/Evening Receptionist

# East Valley Campus Faculty



Revision Date: 2/23/26

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Samantha	Adams	DVM	Doctor of Veterinary Medicine	Virginia Maryland Regional College of Veterinary Medicine	Veterinary Instructor	Part-time
Glenny	Compton	CMA	Medical Assistant Certificate	University of Alaska, Anchorage	Medical Assistant Lead Instructor	Full-time
			Associate of Arts	Olympic College		
Justine	Dusanek	CPC, CMAA, CEHRS	BS, Business Management	Brookline	Medical Billing and Coding Lead Instructor	Full-Time
			AS Business	Brookline		
			Medical Billing and Coding Certificate	Everest College		
Mathew	Farias	RMA(AAH)	Medical Assistant	Pima Medical Institute	Medical Assistant Instructor	Part-time
Barbara	Frizol	PCT	PCT Certificate	Brookline College	Medical Assistant Instructor	Full-time
Desiree	Jordan	DVM	Doctor of Veterinary Medicine	Michigan State University-East Lansing	Veterinary Instructor	Full-time
Margo	Leightman	MHA, RPCV	Master of Healthcare Administration, Bachelor of Science	Pfeiffer University, Arizona State University	Front Office Instructor	Part-time
Wanda	Little	CMA	AAS	Carrington College	Career Prep Instructor	Full-time
Guadalupe	Lopez	RMA(AAH)	MA Certificate	Pima Medical Institute	Medical Assistant Instructor	Full-time

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Kelsey	Marriott	CVT	AAS	Penn Foster College	Veterinary Technician Clinical Director	Full-time
Brianna	McBroom	LVT	AAS	Pima Medical Institute	Veterinary Technician Program Director	Full-time
Nyssa	Montoya	CVT	AAS	Mesa Community College	Veterinary Technician Instructor	Part-time
Elaythea	Moorehead	B.S.	Public Relations	University of Central Missouri	Career Preparation Instructor	Part-time
		MBA	Marketing	Argosy University		
Santana	Overton	DVM	DVM	University of Missouri	Veterinary Technician Instructor	Part-time
Daniela	Stone	RN	Associates of Science in Nursing	Mesa Community College	Nursing Assistant Program Coordinator	Full-time
			ADN	Holyoke Community College		
Karen	Watson	CVT	AAS	Pima Medical Institute	Veterinary Assistant Lead Instructor	Full-time
			VA Certificate	Pima Medical Institute		
Laura	White	RN	AAS	Mesa Community College	Nursing Assistant Instructor	Part-time
Dree	Wilkinson-May	RN	BSN	Grand Canyon University	Nursing Assistant Instructor	Part-time
Denise	Yancer	Phlebotomist	Phlebotomy Certificate	Pima Medical Institute	Phlebotomy Lead Instructor	Full-time

# East Valley Hours of Operation



Revision Date: 1/1/26

Hours of Operation:	7:30 AM - 9:50 PM Monday through Thursday and 7:30 AM – 5:00 PM Friday
Class Schedule:	Morning Classes:
	8:00 AM - 12:00 PM Monday through Friday (for certificate programs except Phlebotomy Technician and Nursing Assistant programs)
	8:00 AM - 12:00 PM Monday through Thursday (Phlebotomy Technician)
	8:00 AM - 12:15 PM Monday through Friday (Nursing Assistant)
	Afternoon Classes:
	12:30 PM - 5:30 PM Monday through Thursday (for certificate programs except Nursing Assistant, Phlebotomy Technician, and Veterinary Technician programs)
	1:00 PM - 5:00 PM Monday through Thursday (Phlebotomy Technician)
	1:00 PM - 5:00 PM Monday through Friday (Veterinary Technician)
	12:45 PM - 5:00 PM Monday through Friday (Nursing Assistant)
	Night Classes: 5:30 PM - 9:50 PM Monday through Thursday (for certificate programs except Nursing Assistant program)
	5:30 PM - 9:45 PM Monday through Friday (Nursing Assistant)
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

## Sam's Squad: A Scholarship for a future Veterinary Technician

One (1) \$25,000 scholarship will be awarded to a current Veterinary Assistant or Veterinary Technician student enrolled at the East Valley campus, decided by a scholarship committee.

Scholarship Applicants must:

- Be actively enrolled in either the Veterinary Assistant or Veterinary Technician program, entering their first or second professional sequence (VTA) or their second or third professional sequence (VTT).
- Have a 3.0 minimum GPA.
- Have attendance at 85% or higher.
- Submit a 1-3 page essay outlining why you chose the Veterinary field, your educational and career goals, any community service you are involved in, and why you believe you deserve this scholarship.

Qualified applicants must submit their information and essay to East Valley Campus Director Rodney Fitzsimmons (rfitzsimmons@pmi.edu) by March 15, 2026.

## Grievance and Discrimination Policy

### I. Purpose

To provide an avenue of due process for students who do not agree with the Institution's (Pima Medical Institute) determinations.

### II. Additional Authority

U.S. Department of Education (USDE), Accrediting Bureau of Health Education Schools (ABHES), Accreditation Council for Occupational Therapy Education (ACOTE), Commission on Accreditation of Allied Health Education Programs (CAAHEP), Commission on Dental Accreditation (CODA), Commission on Accreditation for Respiratory Care (CoARC), Commission on Accreditation in Physical Therapy Education (CAPTE), Commission on Dental Accreditation (CODA), Joint Review Committee on Education in Radiologic Technology (JRCERT), Arizona State Board for Private Post Secondary Education (AZPPSE), California Board for Private Postsecondary Education (BPPE), Colorado Higher Education Department Division of Private Occupational Schools (DPOS), New Mexico Higher Education Department (NMHED), Nevada Commission on Postsecondary Education (CPE), Texas Workforce Commission (TWC), Washington Training and Education Coordinating Board (WTECB), Washington Student Achievement Council (WSAC), and state boards of nursing (BON)

### III. Responsible Party(ies)

Staff, faculty, and students

### IV. Policy Statement

Student concerns should first be addressed by the faculty or program director-or through student services. When a concern is not sufficiently addressed to the student's satisfaction, a formal written complaint may be initiated following the procedures outlined in this policy.

### V. Definitions

#### A. Grievance

1. Dissatisfaction or disagreement with an outcome or situation that a student believes to be incorrect or unjust. This occurs after the student has made a reasonable attempt to resolve the issue through direct engagement with the appropriate individuals, such as faculty members or program leadership, but remains unsatisfied with the resolution.

#### B. Cohort

1. Group of students who started a program on the same day and who progress through the program based on the published schedule; students who withdraw, take a leave of absence, etc., may return to the same program but with a different cohort of students.

### VI. Policy

#### A. Attempts to Address

1. Prior to submitting a complaint, the student is expected to attempt a resolution within the academic program by communicating with staff (i.e., faculty, lead faculty, program director).
2. If a satisfactory solution cannot be reached between the student and the academic staff, then the student may submit a formal complaint in writing to the Assistant Dean of Faculty, the Campus Director, or designated personnel.

#### B. Types of Grievance

1. Academic Performance Concerns
  - a. Student academic concerns, such as performance outcomes (e.g., PPS, or failing a course, skills exam, or clinical education) that cannot be resolved through discussion with the faculty, program director, or lead faculty).
2. Termination
  - a. Students who have been terminated from a program may appeal the decision in writing within 10 business days of the termination date.

- i. There is no guarantee that the student will be able to return to the same cohort and may have to re-enter or re-enroll into a different cohort.
  - 3. Discrimination Complaint:
    - a. Complaints alleging discrimination in the on the basis of race, national origin, color, gender, disability, age, religion by students, staff, or third parties, or applicable legally protected characteristics.
    - b. For discrimination based on sex-based offenses, please refer to [PMI-054: Title IX Sex-Based Reporting](#) or [PMI – 055: Title IX Sex-Based Offenses Reporting \(Texas Campuses Only\)](#)
  - 4. Other
    - a. Students may submit a complaint for any concern that does not fall within one of the defined categories (e.g., faculty and staff performance, facilities and resources, administrative services complaints).
- C. General Guidelines
  - 1. Retaliation is forbidden and any individual engaging in retaliatory conduct will be disciplined.
  - 2. Conflict of interest, or the appearance of a conflict of interest during any stage of the grievance process, will not be tolerated.
  - 3. The student’s (i.e., claimant) identity will be kept confidential as much as possible. However, it may be necessary to release the student’s name to the accused in order to fully investigate the grievance or complaint.
  - 4. Sanctions can range from a written reprimand to expulsion from the school in the case of a student, or termination from employment in the case of an employee, depending on the nature and severity of the allegations.
- D. Recordkeeping
  - 1. All Campus Directors are required to maintain a student complaint file in the PMI approved network location that includes a copy of the formal written complaint, details of the investigation (including personnel involved), and notes regarding the final decision.
  - 2. For degree programs, the program’s accrediting agency may require a copy of any formal complaints; a record must be kept on file for the length of time designated by the programmatic and/or institutional accreditor, whichever is longest.
- E. Publication of Policy
  - 1. The Grievance and Discrimination process must be published in the catalog, the PMI website, and every degree program’s Student Handbook, and the Practical Nursing Student Handbook.

**VII. Formal Written Grievance Procedure**

- A. Formal Written Grievance
  - 1. Student grievances are to be submitted in writing and include the substance of the grievance to official personnel:
    - a. On Ground Campus: Student grievances are to be submitted in writing to the Associate Campus Director, Assistant Dean of Faculty, or the Campus Director.
    - b. Online: Student grievances are to be submitted in writing to the Online Student Success Manager, who may assign the grievance to the most appropriate home office official.
  - 2. Recipient response:
    - a. The recipient or designated official will investigate the claim and make an appointment with the claimant within 10 business days of receipt.
    - b. The recipient will notify the claimant of the decision within 10 business days of the meeting.
    - c. If the recipient does not respond within the time frame defined in this policy, the claimant can submit a Grievance Outcome Appeal.
- B. Grievance Outcome Appeal
  - 1. 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 Regional Director of Operations (RDO) or Director of Online Education for distance education programs:

- a. **West Region** (Chula Vista, East Valley, Mesa, Phoenix, Renton, San Marcos, Seattle, Tucson)
    - i. DeWayne Johnson, Regional Director of Operations  
Address: 111 Campus Way, San Marcos, CA 92078  
Phone: (760) 299-4520
  - b. **East Region** (Albuquerque, Aurora, Colorado Springs, Denver, El Paso, Houston, Las Vegas, San Antonio)
    - i. Tara Dailey, Regional Director of Operations  
Address: 5725 Mark Dabling Boulevard, Suite 150, Colorado Springs, CO 80919  
Phone: (719) 637-4077
  - c. **Online**
    - i. Michele Poulos, Director of Online Education  
Address: 40 N Swan Road, Suite 100, Tucson AZ 85711  
Phone: 520-318-2466 x 11401
  - d. Complaints submitted via mail may require an additional 10 business days beyond the defined timelines in this policy.
2. Grievances are to be submitted in writing to the appropriate person identified in VII. B. 1; submissions must include:
    - a. Substance of the grievance
    - b. Attempts to address or resolve
    - c. Requested resolution
  3. Recipient Response
    - a. The recipient or designated official will attempt to contact the complainant as soon as able but no later than 10 business days from receipt of the appeal request.
    - b. The recipient will conduct an impartial investigation within 10 business days of the student meeting, which will include a review of all relevant documents and additional records that may not have been included in the appeal (appeals submitted via mail may take an additional 10 days).
    - c. Following the investigation timeframe, the recipient will schedule a meeting with the student.
    - d. During or after the investigation, at the request of the complainant, PMI will consider various options to protect the complainant, including but not limited to:
      - i. Health and mental services
      - ii. Academic support
      - iii. Opportunity to retake the class
      - iv. Withdraw without penalty
  4. Decision on Appeal
    - a. The recipient or designated official will notify all parties of the decision on the appeal within 30 business days (appeals submitted via mail may take an additional 10 days).
    - b. If the investigation determines that discrimination has occurred, corrective action will be taken, including consequences imposed on the individual found to have engaged in the discriminatory conduct, individual remedies offered or provided to the subject of the complaint, and/or staff or student training and/or other systemic remedies as necessary to prevent it from reoccurring.
    - a. If the investigation will take longer than 30 days, all parties will be apprised of the steps being taken.

- C. Filing a Grievance with an Outside Agency
  - 1. The student may find that the institution's grievance process leads to a personalized resolution of the concern; however, nothing in this policy prevents a student from filing a complaint with the appropriate state, programmatic, institutional accreditation agency prior to or in lieu of following PMI's Grievance and Discrimination Policy.
    - a. Each state, programmatic, or institutional accreditation agency has specific procedures for filing a grievance. Students are advised to contact the agency directly to ensure proper filing of the concern.

If the complaint cannot be resolved after exhausting PMI's grievance procedure, the students may file a complaint with the appropriate state or accrediting agency listed on pages 18-23 of the 2026-2027 Academic Catalog. Arizona students have the right to file a complaint to the Arizona State Board of Postsecondary Education under A.R.S. § 32-3052(contact info below)

Arizona State Board for Postsecondary Education

1740 West Adams Street, Suit 3008

Phoenix, AZ 85007

Phone: (602) 542-5709

Website: <https://ppse.az.gov>

Arbitration of a student grievance is required. Arbitration will take place at a location reasonably convenient for both parties giving due consideration to the student's ability to travel and other pertinent circumstances. Both parties will attempt to have proceedings take place within a reasonable time and without undue delay. The arbitration proceedings will follow the spirit if not the letter of the consumer due process protocol of the American Arbitration Association. The protocol includes but is not limited to a fundamentally fair process; an independent and impartial, competent, and qualified arbitrator; independent administration of the arbitration; reasonable cost; right to representation; and possibility of mediation. Arbitration does not preclude other avenues of recourse, including but not limited to possible relief in small claims court, unless and until the arbitration result is made binding. Arbitration of a student grievance does not preclude the student from seeking a remedy from the Arizona Board of Private Postsecondary Education.

**Custom Publications by Program**  
**Addendum to the 2026-2027 Catalog published January 2026**

**Custom Publications by Program**

Pima Medical Institute (PMI) books listed for each program are considered mandatory. These texts are custom publications for PMI and cannot be purchased in a retail setting.

**Medical Assistant**

Title	Edition	ISBN	Publisher	Format	Price
<b><u>Career Prep Sequence</u></b>					
Career Prep	Custom	Custom	Jones & Bartlett	Print	\$ 125.00
College Success	Custom	Custom	Flatworld	Print	\$ 50.00
<b><u>Medical Assistant Sequences</u></b>					
Medical Assistant Bundle (Includes Connect Access)	Custom	Custom	McGraw Hill	eBook	\$ 385.00
SimChart for the Medical Office (LTI 1-Click Instant Access)	Custom	Custom	Elsevier	Digital	\$ 105.00

**Medical Billing and Coding**

Title	Edition	ISBN	Publisher	Format	Price
<b><u>Career Prep Sequence</u></b>					
Career Prep	Custom	Custom	Jones & Bartlett	Print	\$ 125.00
College Success	Custom	Custom	Flatworld	Print	\$ 50.00
<b><u>Medical Billing &amp; Coding Sequences</u></b>					
Medical Billing and Coding Bundle (Includes Connect Access)	Custom	Custom	McGraw Hill	Bundle	\$ 275.00
Medical Billing and Coding (Bundled with ICD-10-CM, ICD-10-PCS, HCPCS & Procedural Terminology)	2025	Custom	Elsevier	Bundle	\$ 261.00
Medical Billing and Coding (Bundled with Medical Coding Text/Workbook, Text (x2) & Exam Review)	2025	Custom	Elsevier	Bundle	\$ 280.39

**Phlebotomy Technician**

Title	Edition	ISBN	Publisher	Format	Price
<b><u>Semester I</u></b>					
College Success	3.0.1	Custom	Flatworld	Print	\$ 50.00

**Veterinary Assistant**

Title	Edition	ISBN	Publisher	Format	Price
<b><u>Career Prep Sequence</u></b>					
Career Prep	Custom	Custom	Jones & Bartlett	Print	\$ 125.00
College Success	3.0.1	Custom	Flatworld	Print	\$ 50.00

**Veterinary Technician**

Title	Edition	ISBN	Publisher	Format	Price
<b><u>Sequence I</u></b>					
Applied Communication for Healthcare	2.1.2	Custom	Flatworld	Print	\$ 125.00
<b><u>Sequence II-V</u></b>					
VetTechPrep Software - 60 Day Subscription	Custom	Custom	VTP	Subscription	\$ 175.00



**Pima Medical Institute - East Valley**  
**Tuition Price List**  
**Effective January 1, 2026**

Program	Total Cost	Tuition	Reg. Fee	Textbooks*	Uniform*	Technology Fee	Extern Weeks	Cost/Credit Hour	Total Credits/Clock Hours	Total Weeks (Day/Night)	Extern Credits/Hours
Medical Assistant (MA)	<b>\$18,459.00</b>	17,152.00	150.00	727.00	165.00	265.00	5	\$536.00	32/800	35	4/200
Medical Billing and Coding (MBC)	<b>\$18,155.00</b>	16,324.00	150.00	1,251.00	165.00	265.00	2	\$424.00	38.5/850	36	4.5/160
Nursing Assistant/Nurses Aide (NA)	<b>\$1,982.00</b>	1,350.00	150.00	162.00	70.00	250.00	1	\$300.00	4.5/125	5/6	0.5/40
Phlebotomy Technician (PHL)	<b>\$5,620.00</b>	4,840.00	150.00	200.00	165.00	265.00	4	\$484.00	10/300	11/13	3.5/160
Veterinary Assistant (VTA)	<b>\$18,823.00</b>	17,458.00	150.00	775.00	175.00	265.00	6	\$602.00	29/720	30	5/240
Veterinary Technician (VTT)	<b>\$20,789.00</b>	18,624.00	-	1,600.00	205.00	360.00	7	\$384.00	48.5/1055	47/52	5/225

\*Includes Tax @ 8.3%

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

*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.*

*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.*

*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.*



# 2026 Start Dates - East Valley Campus

## Certificate Programs

NA (AM) - 5 Wks	Start Date	Extern	End Date
Ground Sequence = 5 Wks Sequence 1 Externship: 1 Wk	1/14/26	2/11/26	2/17/26
	2/25/26	3/25/26	3/31/26
	4/8/26	5/6/26	5/12/26
	5/20/26	6/17/26	6/23/26
	7/1/26	7/29/26	8/4/26
	8/12/26	9/9/26	9/15/26
	9/23/26	10/21/26	10/27/26
	11/4/26	12/2/26	12/8/26
12/16/26	1/27/27	2/2/27	

NA (EVE) - 6 Wks	Start Date	Extern	End Date
Ground Sequence = 6 Wks Sequence 1 Externship: 1 Wk	1/28/26	3/4/26	3/10/26
	3/11/26	4/15/26	4/21/26
	4/22/26	5/27/26	6/2/26
	6/3/26	7/8/26	7/14/26
	7/15/26	8/19/26	8/25/26
	8/26/26	9/30/26	10/6/26
	10/7/26	11/11/26	11/17/26
	11/18/26	1/6/27	1/12/27
1/13/27	2/17/27	2/23/27	

MBC (AM) - 36 Wks	Start Date	Extern	End Date
Ground Sequence = 6 Wks Career Prep Sequence 1, 2, 3 & 4 Capstone Seq: 6 Wks	1/14/26	8/12/26	9/22/26
	2/25/26	9/23/26	11/3/26
	4/8/26	11/4/26	12/15/26
	5/20/26	12/16/26	2/9/27
	7/1/26	2/10/27	3/23/27
	8/12/26	3/24/27	5/4/27
	9/23/26	5/5/27	6/15/27
	11/4/26	6/16/27	7/27/27
12/16/26	7/28/27	9/7/27	

MDA (AM) - 35 Wks	Start Date	Extern	End Date
Ground Sequence = 6 Wks Career Prep Sequence 1, 2, 3 & 4 Externship: 5 Wks	1/14/26	8/12/26	9/15/26
	2/25/26	9/23/26	10/27/26
	4/8/26	11/4/26	12/8/26
	5/20/26	12/16/26	2/2/27
	7/1/26	2/10/27	3/16/27
	8/12/26	3/24/27	4/27/27
	9/23/26	5/5/27	6/8/27
	11/4/26	6/16/27	7/20/27
12/16/26	7/28/27	8/31/27	

MDA (AFT) - 35 Wks	Start Date	Extern	End Date
Ground/Hybrid Sequence = 6 Wks Career Prep Sequence 1, 2, 3 & 4 Externship: 5 Wks	1/14/26	8/12/26	9/15/26
	2/25/26	9/23/26	10/27/26
	4/8/26	11/4/26	12/8/26
	5/20/26	12/16/26	2/2/27
	7/1/26	2/10/27	3/16/27
	8/12/26	3/24/27	4/27/27
	9/23/26	5/5/27	6/8/27
	11/4/26	6/16/27	7/20/27
12/16/26	7/28/27	8/31/27	

MDA (EVE) - 35 Wks	Start Date	Extern	End Date
Hybrid Sequence = 6 Wks Career Prep Sequence 1, 2, 3 & 4 Externship: 5 Wks	1/14/26	8/12/26	9/15/26
	2/25/26	9/23/26	10/27/26
	4/8/26	11/4/26	12/8/26
	5/20/26	12/16/26	2/2/27
	7/1/26	2/10/27	3/16/27
	8/12/26	3/24/27	4/27/27
	9/23/26	5/5/27	6/8/27
	11/4/26	6/16/27	7/20/27
12/16/26	7/28/27	8/31/27	

RED End Date = Monday End Date due to Tuesday holiday



# 2026 Start Dates - East Valley Campus

## Certificate Programs cont.

PHL (AM) - 13 Wks	Start Date		Extern	End Date
Sequence = 9 Wks Externship: 4 Wks	1/14/26		3/18/26	4/14/26
	3/18/26		5/20/26	6/16/26
	5/20/26		7/22/26	8/18/26
	7/22/26		9/23/26	10/20/26
	9/23/26		11/25/26	12/22/26
	11/25/26		2/10/27	3/9/27
	2/10/27		4/14/27	5/11/27

PHL (EVE) - 13 Wks	Start Date		Extern	End Date
Sequence = 9 Wks Externship: 4 Wks				
	2/4/26		4/8/26	5/5/26
	4/8/26		6/10/26	7/7/26
	6/10/26		8/12/26	9/8/26
	8/12/26		10/14/26	11/10/26
	10/14/26		12/16/26	1/26/27
	12/16/26		3/3/27	3/30/27

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

## Veterinary Technician

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

RED End Date = Monday End Date due to Tuesday holiday



Staff Name	Credentials	Title
Andy Andress	MBA	Chief Executive Officer
Andrea Snow	J.D./B.S	Chief Legal and Government Affairs Officer
Erik Nystrom		Chief Financial Officer
John Hanson	MBA	Chief Operating 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
DeWayne Johnson	MBA	Regional Director of Operations
Tara Dailey	MBA	Regional Director of Operations
Anthony Comstock	CWDP	Director of Student Funding Solutions

# Recent Updates



Revision Date: 2/23/26

Revision Date	Section	Campus	Catalog Pages	Action	Catalog Revision
2/23/2026	Program Pages	El Paso	131-132	Updated	Corrected VTA 150 to include 45 theory hours
2/23/2026	Program Pages	All	116	Updated	Updated course prerequisites for RAD 212
2/23/2026	Program Pages	Houston	113	Updated	Removed hybrid delivery from Radiography Houston
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	Current Students	All	177	Updated	Removed San Marcos from Absence section for Phlebotomy program

Revision Date	Section	Campus	Catalog Pages	Action	Catalog Revision
2/23/2026	Mesa Scholarship Page	Mesa	N/A	Updated	Updated scholarship deadline date
2/23/2026	East Valley Scholarship Page	East Valley	N/A	Updated	Updated scholarship deadline date
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	Campus Information	Chula Vista, CA	10	Updated	Removed additional campus location
1/1/2026	Campus Information	Renton, WA	14-15	Updated	Removed additional campus location
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
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

Revision Date	Section	Campus	Catalog Pages	Action	Catalog Revision
10/31/2025	Program Pages	Online Bachelor of Science Respiratory Therapy	135	Updated	Updated Admission Requirements to BSRT on Program Information Page



Campus	Catalog Pages	Current Catalog Statement	Action	New or Revised Catalog Statement
Chula Vista, CA	10	<p>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.</p>	Updated	<p>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.</p>
Renton, WA	14-15	<p>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. 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.</p>	Updated	<p>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.</p>

Campus	Catalog Pages	Current Catalog Statement	Action	New or Revised Catalog Statement
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.



Section	Catalog Pages	Current Catalog Statement	Action	New or Revised Catalog Statement
Admissions	160	<p>Application Process</p> <p>Steps in the application process for prospective students include:</p> <ol style="list-style-type: none"> <li>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.</li> </ol>	Update	<p>Application Process</p> <p>Steps in the application process for prospective students include:</p> <ol style="list-style-type: none"> <li>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.</li> </ol>

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.		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.

# Program Changes



Revision Date 2/23/26

Date of Change	Program	CatalogPage(s)	Action	Notification
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: Dental Hygiene Seattle	80	Updated	Updated Admissions Requirements to include portfolio requirement in addition to an interview.  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: Dental Hygiene Houston	75	Updated	Updated Admissions Requirements to include portfolio requirement in addition to an interview.  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: Respiratory Therapy	119	Updated	Updated RES 287 to correct lab hours from 60 hours to 30 hours
2/23/2026	Associate Degree: Healthcare Administration -Online	90	Updated	Removed retired HCA program pages and added updated program pages
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	Radiography-Bridge	116	Updated	Updated course prerequisites for RAD 212 to include RAD112 Positioning I, RAD122 Positioning II, RAD 132 Positioning III
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
1/1/2026	Bachelor of Science in Radiologic Sciences	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.

# PMI Student:Instructor Ratios



Revision Date: 1/1/26

State	Program	StudentInstructorRatios	Note
Arizona	Dental Assistant	Lab 12:1	Exceptions to online / distance education class size must be approved by the Corporate Education Director or Corporate Online Education Director
Arizona	Nursing Assitant/Nurse Aide	Clinic 10:1 Lab 20:1	
Arizona	Nursing	Clinic 10:1	
Arizona	Pharmacy Technician	Lab 12:1 Lab (PHA 230) 8:1	
Arizona	Radiography	Lab 10:1 Clinic (Technologist) 1:1 Clinic (CI) 10:1	
Arizona	Surgical Technician	Lab 10:1	
Arizona	Veterinary Technician	Lab w/out animals 12:1 Lab with animals 8:1	
California	Dental Assistant	Lab 12:1 Preclinical/clinical lab 6:1	
California	Pharmacy Technician	Lab 12:1 Lab with sterile compounding (PHA 230) 8:1	
California	Radiography	Lab 10:1 Clinic (Technologist) 1:1 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 Lab with animals 8:1	

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

State	Program	StudentInstructorRatios	Note
New Mexico	Pharmacy Technician	Lab 12:1 Lab with sterile compounding (PHA 230) 8:1	
New Mexico	Practical Nursing	Lab 10:1 Clinic 8:1	
New Mexico	Radiography	Lab 10:1 Clinic (Technologist) 1:1 Clinic (CI) 10:1	
New Mexico	Respiratory Therapy	Clinic 6:1	
Texas	GENERAL	Classroom 30:1	
Texas	Nursing Assistant/ Nurse Aide	Clinic: 10:1 Lab 10:1	
Texas	Dental Assistant	Lab 12:1	
Texas	Dental Hygiene	Lab 10:1 for RDH 215 Biomaterials All other labs, preclinical, and clinical 5:1	
Texas	Veterinary Technician (El Paso Only)	Lab (live animal) 4:1	
Texas	Radiography	Lab 10:1 Clinic (Technologist) 1:1 Clinic (CI) 10:1	
Texas	Pharmacy Technician	Lab 12:1 Lab (PHA 230) 8:1	
TexasTexas	Respiratory Therapy	Clinic 6:1	
Texas	Veterinary Technician	Lab w/out animals 12:1 Lab with animals 8:1	
Washington	Dental Assistant	Lab 12:1	
Washington	Dental Hygiene	Lab 10:1 for RDH 215 Biomaterials All other labs, preclinical, and clinical 5:1	

State	Program	StudentInstructorRatios	Note
Washington	Pharmacy Technician	Lab 12:1 Lab (PHA 230) 8:1	
Washington	Radiography	Lab 10:1 Clinic (Technologist) 1:1 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 Lab with animals 8:1	

# 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.

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
<b>Semester I Total</b>		<b>180</b>	<b>60</b>		<b>14.0</b>

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
<b>Semester II Total</b>		<b>210</b>	<b>60</b>		<b>16.0</b>

<b>Program Total</b>		<b>390</b>	<b>120</b>		<b>30.0</b>
----------------------	--	------------	------------	--	-------------

## At a Glance

**Program Type:** Certificate

**Delivery Method:** Online

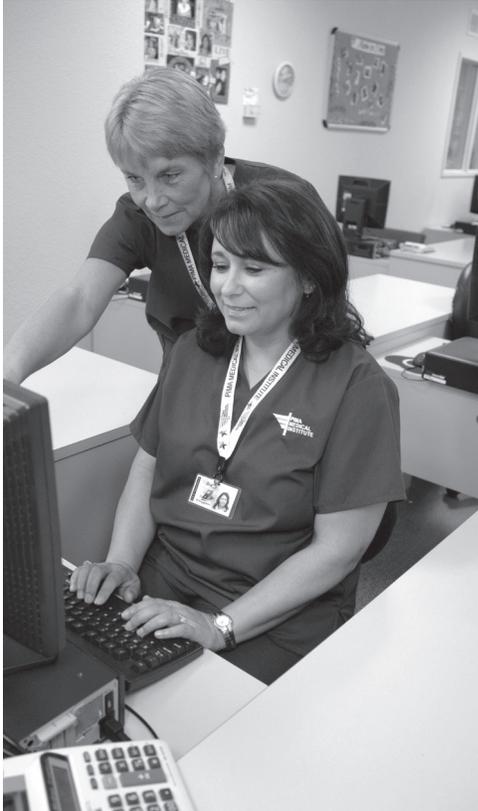
**Semester Credits:** 30.0

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

## Campus Locations



The Online programs are delivered from Tucson, AZ.



# 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*

# 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

<b>Program Total</b>		<b>960</b>	<b>150</b>	<b>666</b>	<b>83.0</b>
----------------------	--	------------	------------	------------	-------------



## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground

**Semester Credits:** 83.0

Program Length	Total
Program Hours	1,731
Program Weeks	90
Program Semesters (15 weeks per semester)	6

## Campus Locations



TX: Houston

# Dental Hygiene—Houston Campus • Course Descriptions

---

## 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.

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
<b>Semester I Total</b>		<b>225</b>	<b>30</b>		<b>16.0</b>
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
<b>Semester II Total</b>		<b>195</b>	<b>45</b>	<b>90</b>	<b>16.5</b>
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
<b>Semester III Total</b>		<b>135</b>	<b>60</b>	<b>120</b>	<b>13.5</b>
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
<b>Semester IV Total</b>		<b>135</b>	<b>90</b>	<b>150</b>	<b>15.0</b>
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
<b>Semester V Total</b>		<b>135</b>	<b>90</b>	<b>180</b>	<b>16.0</b>
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
<b>Semester VI Total</b>		<b>120</b>		<b>240</b>	<b>13.0</b>
<b>Program Total</b>		<b>945</b>	<b>315</b>	<b>780</b>	<b>90.0</b>

## 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

# 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*

# Dental Hygiene—Seattle Campus • Course Descriptions

---

## **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*

# Dental Hygiene—Seattle Campus • Course Descriptions

---

## **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 dentiform.

*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*

# Dental Hygiene—Seattle Campus • Course Descriptions

---

## **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*

# Dental Hygiene—Seattle Campus • Course Descriptions

---

## **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*



# 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.

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Online

**Semester Credits:** 61.0

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

## Campus Locations



AZ: Phoenix, Tucson  
NM: Albuquerque

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

<b>Program Total</b>		<b>900</b>	<b>30</b>		<b>61.0</b>
----------------------	--	------------	-----------	--	-------------

# 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*

# 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.

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
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
<b>Program Total</b>		<b>630</b>	<b>68</b>	<b>1,680</b>	<b>80.0</b>
<b>Las Vegas Program Total</b>		<b>675</b>	<b>68</b>	<b>1,680</b>	<b>83.0</b>

\*Represents the Las Vegas Campus.

## 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 2,423*
Program Weeks	90
Program Semesters (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

# 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*

# Radiography • Course Descriptions

---

## **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*

# Radiography • Course Descriptions

## 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 Pulmonary Diagnostics	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	60	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 2,001*
Program Weeks	96
Program Semesters (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<sub>2</sub>), alveolar (PAO<sub>2</sub>), venous (CvO<sub>2</sub>) and capillary (CcO<sub>2</sub>) blood flow and gas exchange, oxygen delivery (DO<sub>2</sub>) and consumption (VO<sub>2</sub>). 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*

# Respiratory Therapy • Course Descriptions

---

## **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 Assessment**

*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*

# Respiratory Therapy • Course Descriptions

---

## **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.

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

<b>Program Total</b>		<b>708</b>	<b>360</b>	<b>504</b>	<b>70.0</b>
----------------------	--	------------	------------	------------	-------------



## 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

# 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.



*At a Glance*

**Program Type:** Associate Degree

**Delivery Method:** On-ground

**Semester Credits:** 75.5

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

**Campus Locations**

TX: El Paso

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
<b>Program Total</b>		<b>810</b>	<b>540</b>	<b>240</b>	<b>75.5</b>

# 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*

# Veterinary Technician—El Paso • Course Descriptions

---

## 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*

# Veterinary Technician—El Paso • Course Descriptions

---

## **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, CPR 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*

# 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
<b>Transfer Total</b>					<b>71.0</b>

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
<b>Semester I Total</b>		<b>180</b>			<b>12.0</b>

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
<b>Semester II Total</b>		<b>180</b>			<b>12.0</b>

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	Leadership in Respiratory Care or	45			3.0
EDU 450	Education Foundations for Allied Health Professionals				
<b>Semester III Total</b>		<b>180</b>			<b>12.0</b>

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
<b>Semester IV Total</b>		<b>195</b>			<b>13.0</b>

<b>Semesters I, II, III, IV Total</b>		<b>735</b>	<b>0</b>	<b>0</b>	<b>49.0</b>
<b>Program Total</b>		<b>735</b>	<b>0</b>	<b>0</b>	<b>120.0</b>

## At a Glance

**Program Type:** Bachelor's Degree

**Delivery Method:** Online

**Semester Credits:** 120.0  
(includes 71 transfer credits)

Program Length	Total
Program Hours (excludes transfer credits)	735
Program Weeks Individual time to completion may vary by student depending on individual progress and credits transferred.	64
Program Semesters (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*

# Bachelor of Science in Respiratory Therapy • Course Descriptions

---

## **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.

## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Online

**Semester Credits:** 95.0

Program Length	Total
Program Hours	2,676
Program Weeks Transfer hours: 1,614 Program-specific hours: 1,062	80
Program Semesters (16 weeks per semester)	5

## Campus Locations



The Online programs are delivered from Tucson, AZ.

Transfer Credit			
	Theory	Extern	Credits
Transfer of Credit (1 medical terminology, 34.5 clinical experience credits)			35.5
<b>Transfer Total</b>			<b>35.5</b>

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
<b>Semester I Total</b>		<b>180</b>		<b>12.0</b>

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
<b>Semester II Total</b>		<b>180</b>		<b>12.0</b>

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
<b>Semester III Total</b>		<b>180</b>		<b>12.0</b>

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
<b>Semester IV Total</b>		<b>180</b>		<b>12.0</b>

Semester V				
Course #	Course	Theory	Extern	Credits
RAD 248	Radiography III	90		6.0
RAD 256	Clinical Externship IV		252	5.5
<b>Semester V Total</b>		<b>90</b>	<b>252</b>	<b>11.5</b>

<b>Transfer Courses Total</b>	<b>15</b>	<b>1,599</b>	<b>35.5</b>
-------------------------------	-----------	--------------	-------------

<b>Program Total</b>	<b>825</b>	<b>1,851</b>	<b>95.0</b>
----------------------	------------	--------------	-------------

# 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: 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*

## 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*

# Radiography—Bridge • Course Descriptions

---

## **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: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0*

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: RAD 112 Positioning I, RAD 122 Positioning II, RAD 132 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*

## **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*



# 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
<b>Advanced Emergency Medical Technician</b>		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	<p>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.</p> <p>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.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements can be found below:  <a href="https://pmi.edu/wp-content/uploads/2025/05/State-Licensing-Board-Contact-Information_AEMT.pdf">https://pmi.edu/wp-content/uploads/2025/05/State-Licensing-Board-Contact-Information_AEMT.pdf</a></p>
<b>Dental Assistant</b>	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 ( <i>Chula Vista and San Marcos Programs ONLY</i> ), District of Columbia (Level I), Guam, N. Mariana Islands, Tennessee, Washington	California*, Iowa, Massachusetts, Montana**, New York, American Samoa, Puerto Rico	<p>*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</p> <p>** <i>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.</i></p> <p>Contact information for State/Territory Licensing Boards in which the PMI program Does Not Meet licensure requirements or Undetermined can be found at  <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_DA.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_DA.pdf</a></p>

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
<b>Emergency Medical Technician</b>		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	<p>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.</p> <p>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.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at</p> <p><a href="https://pmi.edu/wp-content/uploads/2025/05/State-Licensing-Board-Contact-Information_EMT.pdf">https://pmi.edu/wp-content/uploads/2025/05/State-Licensing-Board-Contact-Information_EMT.pdf</a></p>
<b>Medical Assistant</b>	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	<p>Contact information for Licensing Boards of states/territories that PMI has been Unable to Make a Licensure Determination can be found at</p> <p><a href="https://pmi.edu/wp-content/uploads/2022/03/Licensing-Board-Contact-Info_MA.pdf">https://pmi.edu/wp-content/uploads/2022/03/Licensing-Board-Contact-Info_MA.pdf</a></p>
<b>Medical Billing and Coding</b>	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, <b>Washington</b> <sup>*</sup> , Wyoming, Puerto Rico, Guam	Alabama, District of Columbia, Massachusetts <sup>*</sup> , North Dakota <sup>*</sup> , Ohio <sup>*</sup> , Oklahoma, Utah <sup>*</sup> , Washington <sup>*</sup> , West Virginia <sup>*</sup> , Wisconsin, American Samoa, N. Mariana Islands, US Virgin Islands	<p>*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.</p> <p><sup>*</sup>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.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_RXT-1.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_RXT-1.pdf</a></p>
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 <sup>*</sup> ( <i>San Marcos Program ONLY</i> ), Nevada, Washington	California <sup>*</sup> , Louisiana, American Samoa, District of Columbia, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	<p>*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.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_PHLB.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_PHLB.pdf</a></p>

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
<b>Sterile Processing Technician</b>	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	<p>Graduates of this program are eligible to take the CRCST Credentialing Examination.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at  <a href="https://pmi.edu/wp-content/uploads/2022/03/State-Licensing-Board-Contact-Information_SPT.pdf">https://pmi.edu/wp-content/uploads/2022/03/State-Licensing-Board-Contact-Information_SPT.pdf</a></p>
<b>Veterinary Assistant</b>	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.  Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: <a href="https://pmi.edu/wp-content/uploads/2022/08/State-Licensing-Board-Contact-Info-DMS.pdf">https://pmi.edu/wp-content/uploads/2022/08/State-Licensing-Board-Contact-Info-DMS.pdf</a>
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: <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-MLT-1.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-MLT-1.pdf</a>

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*  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	<p>*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.</p> <p>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.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements can be found at:  <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PARA.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PARA.pdf</a></p>
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
<b>Surgical Technology</b>	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).
<b>Veterinary Technician</b>	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.  Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: <a href="https://pmi.edu/wp-content/uploads/2022/08/Licensing-Board-Contact-Info-VTT.pdf">https://pmi.edu/wp-content/uploads/2022/08/Licensing-Board-Contact-Info-VTT.pdf</a>



## 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
<b>Nursing Assistant/Aide (certificate)</b>		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	<p>*this is an on-ground program available to residents of Arizona, Colorado, and Texas and meets licensure/certification requirements in those states.</p> <p>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.</p> <p>State professional licensing board contact information can be found at: <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-NA-Programs.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-NA-Programs.pdf</a></p>
<b>Practical Nursing (PN) (certificate)</b>		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	<p>*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.</p> <p>*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.</p> <p>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.</p> <p>State professional licensing board contact information can be found at: <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PN-Programs.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PN-Programs.pdf</a></p>

## 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
<b>Practical Nursing to Associate Degree Nursing Bridge (PN to ADN)</b>		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	<p>*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.</p> <p>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.</p> <p>State professional licensing board contact information can be found at: <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf</a></p>
<b>Nursing (Associate Degree)</b>		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	<p>*this is an on-ground program available to residents of Arizona and is approved for licensure by the Arizona State Board of Nursing.</p> <p>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.</p> <p>State professional licensing board contact information can be found at: <a href="https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf">https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf</a></p>



## 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
<b>Medical Administrative Assistant (MAA)</b>	Licensure is not required for employment in any states/territories.			
<b>Computed Tomography (CT)</b>		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	<p>*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.</p> <p>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.</p> <p>Contact information for State/Territory Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at <a href="https://pmi.edu/online-programs/certificate/computed-tomography/">https://pmi.edu/online-programs/certificate/computed-tomography/</a></p>

### Online Associate Degree Programs

Program	Program does not lead to licensure or Licensure Not Required	Meets Requirements	Does Not Meet Requirements	Notes
<b>Radiography - Bridge</b>		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.

<b>Health Care Administration</b>	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
<b>BS Health Care Administration</b>	Program does not lead to licensure			
<b>BS Nursing (RN to BSN)</b>	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).
<b>BS Physical Therapist Assistant</b>	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.
<b>BS Radiologic Sciences</b>	Program does not lead to licensure *			*Applicants to this degree completion program must hold an American Registry of Radiologic Technologists (ARRT) certification.
<b>BS Respiratory Therapy</b>	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
<b>MS Organizational Leadership</b>	Program does not lead to licensure			