



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

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COLORADO DEPARTMENT OF HIGHER EDUCATION  
DIVISION OF PRIVATE OCCUPATIONAL SCHOOLS (DPOS)  
1600 BROADWAY, SUITE 2200  
DENVER, CO  
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Revision Date: 3/11/26

# Colorado Springs Campus Leadership and Staff



Revision Date: 2/23/26

| First Name | Last Name  | Credentials | Title                                           |
|------------|------------|-------------|-------------------------------------------------|
| Monica     | Vanderbeek | MBA         | Campus Director                                 |
| Gloria     | Chatfield  | MS          | Assistant Dean of Faculty                       |
| Magdalena  | Barela     |             | Student Finance Coordinator                     |
| Melissa    | Avalos     | RPT         | Student Finance Officer                         |
| Amy        | Payne      | AAS         | Office Manager/Registrar                        |
| Rosemarie  | Hobelman   |             | Office Assistant                                |
| Greg       | Law        | MBA         | Medical Career Specialist                       |
| Amy        | Huston     | MSA         | Medical Career Specialist                       |
| Tami       | Rowe       | AAS         | Receptionist                                    |
| Jami       | South      | BS          | Student Services Coordinator                    |
| Susan      | Ilett      | RMA         | Career Services Coordinator                     |
| Crystal    | Frank      | AOS, RMA    | Career Services Advisor                         |
| Trisha     | Stone      | MBA         | Veterinary Technician Program Director          |
| Tracy      | Berry      | AAS, RVT    | Veterinary Technician Clinical Director         |
| Priscilla  | Amat       | BS          | Medical Laboratory Technician Program Director  |
| Esperanza  | Bolton     | MLT         | Medical Laboratory Technician Clinical Director |

# Colorado Springs Campus Faculty



Revision Date: 2/23/26

| First Name | Last Name | Credentials | Certificate / Degree                                   | School                                     | Current Title                                                                        | Employment Status |
|------------|-----------|-------------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------|-------------------|
| Carlos     | Aguayo    | CPhT        | Board Certified Pharmacy Technician                    | Colorado Department of Regulatory Agencies | Pharmacy Technician Laboratory Assistant                                             | Part-Time         |
|            |           |             |                                                        | Pharmacy Technician Certified Board        |                                                                                      |                   |
| Priscilla  | Amat      | MLS         | Medical Laboratory Scientist                           | American Medical Technologists             | Medical Laboratory Technician Program Director                                       | Full-time         |
|            |           | B.S.        | Bachelor in Clinical Biology                           | Barry University                           |                                                                                      |                   |
| Christina  | Berry     | A.S.V.T     | Associates of Applied Science in Veterinary Technology | Colorado Academy of Veterinary Technology  | Veterinary Assistant Instructor/Veterinary Technician Instructor & Clinical Director | Part-Time         |
|            |           | CVT         | Board Certified Veterinary Technician                  | Colorado Department of Regulatory Agencies |                                                                                      |                   |
| Tracy      | Berry     | A.A.S.V.T   | Associate of Applied Science in Veterinary Technician  | Pima Medical Institute                     | PT Instructor                                                                        | Part-time         |
|            |           | RVT         | Registered Veterinary Technician                       | Colorado Department of Regulatory Agencies |                                                                                      |                   |
| Esperanza  | Bolton    | MLS         | Medical Laboratory Scientist                           | American Society for Clinical Pathology    | Medical Laboratory Technician Clinical Director                                      | Full-time         |
|            |           | B.S.        | Bachelor of Science in Medical Laboratory Sciences     | George Washington University               |                                                                                      |                   |
| Chris      | Calaway   | A.A.S       | Associates of Applied Science in Veterinary Technology | Lone Star College                          | Lead Veterinary Assistant Instructor/Veterinary Technician Instructor                | Part-time         |
|            |           | RVT         | Registered Veterinary Technician                       | Colorado Department of Regulatory Agencies |                                                                                      |                   |

| First Name | Last Name    | Credentials                     | Certificate / Degree                                | School                                     | Current Title                                                    | Employment Status |
|------------|--------------|---------------------------------|-----------------------------------------------------|--------------------------------------------|------------------------------------------------------------------|-------------------|
| Courtney   | Castle-Seitz | AGS                             | Associates in General Studies                       | Pikes Peak State College                   | Lead Dental Assisting Instructor                                 | Part-time         |
|            |              | EDDA                            | Expanded Duties Dental Assistant                    | Pima Medical Institute                     |                                                                  |                   |
|            |              | CDA                             | Certified Dental Assistant                          | Dental Assisting National Board (DANB)     |                                                                  |                   |
|            |              | Certificate in Dental Assisting | Certificate                                         | American Red Cross                         |                                                                  |                   |
| Meaghan    | Cowan        | RMA                             | Registered Medical Assistant                        | Intellitec College of Pueblo               | Medical Assistant Lab Assistant/Instructor                       | Part-Time         |
| G.G        | Deguillo     | CMA                             | Certified Medical Assistant                         | Pima Medical Institute                     | Career Prep Instructor                                           | Part-Time         |
|            |              | RMA                             | Registered Medical Assistant                        | American Medical Technologists             |                                                                  |                   |
| Cathy      | Dilda        | RVT                             | Registered Veterinary Technician                    | Colorado Academy of Veterinary Technology  | Veterinary Assistant Instructor/Veterinary Technician Instructor | Part-Time         |
| Alisia     | Helser       | CCMA                            | Certified Clinical Medical Assistant                | National Healthcareer Association          |                                                                  | Part-Time         |
| Shirley    | Jelmo        | B.S.                            | B.S. in Occupational Management                     | Colorado Christian University              | Lead Medical Assistant Instructor                                | Full-time         |
|            |              | CMA                             | Certified Medical Assistant                         | American Association of Medical Assistants |                                                                  |                   |
|            |              | RMA                             | Registered Medical Assistant                        | American Medical Technologists             |                                                                  |                   |
| Kathleen   | Kilpatrick   | B.S                             | Bachelors of Science in Biology                     | University of Texas at San Antonio         | Medical Laboratory Technician Instructor                         | Part-Time         |
|            |              | M.S                             | Masters of Science in Microbiology and Cell Science | University of Florida                      |                                                                  |                   |

| First Name | Last Name | Credentials  | Certificate / Degree                                   | School                                            | Current Title                                                       | Employment Status |
|------------|-----------|--------------|--------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------|-------------------|
|            |           | MLS          | Medical Laboratory Assistant Certification             | American Society for Clinical Pathology           |                                                                     |                   |
| Zoe        | Mark      | MLS          | Medical Laboratory Sciences                            | University of Vermont                             | Medical Laboratory Instructor                                       | Part-Time         |
| Rebecca    | McMains   | MPA          | Master of Physician Assistant Studies                  | Texas Tech University                             | Career Prep Instructor                                              | Part-Time         |
| Roger      | Rouire    | B.E.         | Bachelor of Education in Biology                       | University of Manitoba                            | Career Prep Instructor                                              | Part-Time         |
| Lori       | Schwartz  | A.A.         | Healthcare Administration                              | Pima Medical Institute                            | Pharmacy Technician Instructor                                      | Part-time         |
|            |           | CPHT         | Certified Pharmacy Technician                          | Pharmacy Technician Certified Board               |                                                                     |                   |
| Trisha     | Stone     | M.B.A.       | Master of Business Administration                      | Exelsior College                                  | Veterinary Technician Program Director                              | Full-time         |
|            |           | B.S.         | Bachelor of Science in Liberal Arts                    | Exelsior College                                  |                                                                     |                   |
|            |           | RVT          | Registered Veterinary Technician                       | Colorado Department of Regulatory Agencies        |                                                                     |                   |
|            |           | A.A.S        | Associates of Applied Science in Veterinary Technology | Bel-Rea Institute                                 |                                                                     |                   |
| Melissa    | Terry     | B.S          | Bachelors of Science in Neuroscience                   | Johns Hopkins University                          | Veterinary Technician Faculty                                       | Part-Time         |
|            |           | Veterinarian | Board Certified Veterinarian                           | Colorado Department of Regulatory Agencies        |                                                                     |                   |
| Dwayne     | Trinidad  | DS           | Dental Specialty Diploma                               | Academy of Health Sciences                        | Dental Assistant Laboratory Assistant                               | Part-Time         |
|            |           | EFDAC        | Expanded Duties Dental Assistant                       | University of Colorado, School of Dental Medicine |                                                                     |                   |
| Barbara    | Velie     | CMA          | Certified Medical Assistant                            | American Medical Technologists                    | Medical Assistant/Health Care Administration Certificate Instructor | Part-time         |

| First Name | Last Name | Credentials | Certificate / Degree                                  | School                       | Current Title | Employment Status |
|------------|-----------|-------------|-------------------------------------------------------|------------------------------|---------------|-------------------|
|            |           | AOS         | Associates of Occupational Studies in Medical Studies | Intellitec Medical Institute |               |                   |

# Colorado Springs Campus Hours of Operation



Revision Date: 1/1/26

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Hours of Operation: | 7:00 AM - 10:00 PM Monday through Thursday and 7:00 AM - 5:00 PM Friday                                             |
| Class Schedule:     | Morning Classes: 8:00 AM - 12:00PM; Monday through Friday                                                           |
|                     | Afternoon Classes: 1:00 PM - 5:00 PM; Monday through Friday                                                         |
|                     | Night Classes: 5:40 PM - 10:00 PM; Monday through Thursday                                                          |
| 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 |

# Colorado State Requirements



Revision Date: 1/1/26

| Section   | Catalog Pages | Current Catalog Statement | Action | New or Revised Catalog Statement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|---------------|---------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Insurance | N/A           | N/A                       | Added  | Pima Medical Institute provides Worker's Compensation insurance coverage to all Colorado-based students while out on clinical externship. This insurance only applies to injuries sustained during Pima Medical Institute scheduled externship hours. This insurance excludes coverage for injury incurred while traveling to and from the school campus, externship sites, and any other school sponsored activity. In the event a student is injured during Pima Medical Institute schedule clinical externship hours, the student must following the procedures as outlined in the Triagenow process. |



**Pima Medical Institute - Colorado Springs**  
**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 |
|-----------------------------------------|--------------------|-----------|----------|------------|----------|----------------|--------------|------------------|---------------------------|-------------------------|----------------------|
| Dental Assistant (DEN)                  | <b>\$18,510.00</b> | 16,992.00 | 150.00   | 898.00     | 205.00   | 265.00         | 6            | \$576.00         | 29.5/720                  | 30                      | 5/240                |
| Expanded Duties Dental Assistant (EDDA) | <b>\$2,283.00</b>  | 1,976.00  | 150.00   | 157.00     | -        | -              | 0            | \$988.00         | 2/40                      | 3                       | none                 |
| Medical Assistant (MA)                  | <b>\$19,291.00</b> | 17,984.00 | 150.00   | 727.00     | 165.00   | 265.00         | 5            | \$562.00         | 32/800                    | 35                      | 4/200                |
| Medical Lab Technician (MLT)            | <b>\$47,105.00</b> | 43,550.00 | 150.00   | 2,640.00   | 165.00   | 600.00         | 10           | \$670.00         | 65/1480                   | 75                      | 8.5/400              |
| Pharmacy Technician (PHA)               | <b>\$18,358.00</b> | 16,817.00 | 150.00   | 961.00     | 165.00   | 265.00         | 5            | \$502.00         | 33.5/840                  | 36                      | 5/240                |
| 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 @ 8.20%

†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 - Colorado Springs Campus

### Certificate Programs

| DA (AM) - 30 Wks  | Start Date | Extern   | End Date |
|-------------------|------------|----------|----------|
| Ground            | 1/14/26    | 7/1/26   | 8/11/26  |
| Sequence = 6 Wks  | 2/25/26    | 8/12/26  | 9/22/26  |
| Career Prep       | 4/8/26     | 9/23/26  | 11/3/26  |
| Sequence 1, 2 & 3 | 5/20/26    | 11/4/26  | 12/15/26 |
| Externship: 6 Wks | 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  |
|                   | 2/10/27    | 7/28/27  | 9/7/27   |

| DA (AFT) - 30 Wks | Start Date | Extern   | End Date |
|-------------------|------------|----------|----------|
| Ground            | 1/14/26    | 7/1/26   | 8/11/26  |
| Sequence = 6 Wks  | 2/25/26    | 8/12/26  | 9/22/26  |
| Career Prep       | 4/8/26     | 9/23/26  | 11/3/26  |
| Sequence 1, 2 & 3 | 5/20/26    | 11/4/26  | 12/15/26 |
| Externship: 6 Wks | 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  |
|                   | 2/10/27    | 7/28/27  | 9/7/27   |

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

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

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

| PHA (AM) - 36 Wks    | Start Date | Extern   | End Date |
|----------------------|------------|----------|----------|
| Ground               | 1/14/26    | 8/12/26  | 9/22/26  |
| Sequence = 6 Wks     | 2/25/26    | 9/23/26  | 11/3/26  |
| Career Prep          | 4/8/26     | 11/4/26  | 12/15/26 |
| Sequence 1, 2, 3 & 4 | 5/20/26    | 12/16/26 | 2/9/27   |
| Externship: 6 Wks    | 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   |
|                      | 2/10/27    | 9/8/27   | 10/19/27 |



## 2026 Start Dates - Colorado Springs Campus

### Certificate Programs cont.

| VTA (AM) - 30 Wks                                                                   | Start Date | Extern   | End Date |
|-------------------------------------------------------------------------------------|------------|----------|----------|
| Ground<br>Sequence = 6 Wks<br>Career Prep<br>Sequence 1, 2 & 3<br>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  |
|                                                                                     | 2/10/27    | 7/28/27  | 9/7/27   |

| VTA (AFT) - 30 Wks                                                                  | Start Date | Extern   | End Date |
|-------------------------------------------------------------------------------------|------------|----------|----------|
| Hybrid<br>Sequence = 6 Wks<br>Career Prep<br>Sequence 1, 2 & 3<br>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  |
|                                                                                     | 2/10/27    | 7/28/27  | 9/7/27   |

| VTA (EVE) - 30 Wks                                                                  | Start Date | Extern   | End Date |
|-------------------------------------------------------------------------------------|------------|----------|----------|
| Hybrid<br>Sequence = 6 Wks<br>Career Prep<br>Sequence 1, 2 & 3<br>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  |
|                                                                                     | 2/10/27    | 7/28/27  | 9/7/27   |

### Degree Programs

| VTT (AM) - 47 Wks                    | Start Date | On Ground | Extern   | End Date |
|--------------------------------------|------------|-----------|----------|----------|
| 5 Sequences<br>Extern/Seminar: 8 Wks | 2/18/26    | 4/15/26   | 11/25/26 | 1/26/27  |
|                                      | 4/15/26    | 6/10/26   | 2/3/27   | 3/23/27  |
|                                      | 6/10/26    | 8/5/26    | 3/31/27  | 5/18/27  |
|                                      | 8/5/26     | 9/30/26   | 5/26/27  | 7/13/27  |
|                                      | 9/30/26    | 11/25/26  | 7/21/27  | 9/7/27   |
|                                      | 11/25/26   | 2/3/27    | 9/15/27  | 11/2/27  |
|                                      | 2/3/27     | 3/31/27   | 11/10/27 | 1/11/28  |
|                                      | 3/31/27    | 5/26/27   | 1/19/28  | 3/7/28   |

| VTT (AFT) - 47 Wks                   | Start Date | On Ground | Extern   | End Date |
|--------------------------------------|------------|-----------|----------|----------|
| 5 Sequences<br>Extern/Seminar: 8 Wks | 2/18/26    | 4/15/26   | 11/25/26 | 1/26/27  |
|                                      | 4/15/26    | 6/10/26   | 2/3/27   | 3/23/27  |
|                                      | 6/10/26    | 8/5/26    | 3/31/27  | 5/18/27  |
|                                      | 8/5/26     | 9/30/26   | 5/26/27  | 7/13/27  |
|                                      | 9/30/26    | 11/25/26  | 7/21/27  | 9/7/27   |
|                                      | 11/25/26   | 2/3/27    | 9/15/27  | 11/2/27  |
|                                      | 2/3/27     | 3/31/27   | 11/10/27 | 1/11/28  |
|                                      | 3/31/27    | 5/26/27   | 1/19/28  | 3/7/28   |

| VTT (PM) - 47 Wks                    | Start Date | On Groun | Extern   | End Date |
|--------------------------------------|------------|----------|----------|----------|
| 5 Sequences<br>Extern/Seminar: 8 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   |

| MLT (AM) - 75 Wks                  | Sem Start | Sem End  | End Date |
|------------------------------------|-----------|----------|----------|
| 5 Semesters<br>Term / Sem = 15 Wks | 5/20/26   | 9/1/26   |          |
|                                    | 9/9/26    | 12/22/26 |          |
|                                    | 1/6/27    | 4/20/27  |          |
|                                    | 4/28/27   | 8/10/27  |          |
|                                    | 8/18/27   | 11/30/27 | 11/30/27 |
|                                    |           |          |          |

| 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                                             |
|---------------|--------------------|----------------------------------|---------------|---------|--------------------------------------------------------------|
| 3/11/2026     | Financial Services | Aurora, Colorado Springs, Denver | 188           | Updated | Updated Colorado Institutional Refund Policy table           |
| 3/11/2026     | Current Students   | All                              | 172-173       | Updated | Updated Academic Schedule postponement language              |
| 3/11/2026     | Program Pages      | Aurora, Colorado Springs, Denver | 60-62         | Updated | Updated Practical Nursing Program language                   |
| 3/4/2026      | Program Pages      | Aurora and Albuquerque           | 60-62         | Updated | Updated program pages for Practical Nursing                  |
| 3/4/2026      | Campus Information | San Antonio                      | 14            | Updated | Updated programmatic accreditation to include Dental Hygiene |
| 2/23/2026     | Program Pages      | Houston                          | 75            | Updated | Updated Admissions Requirements for Dental Hygiene           |
| 2/23/2026     | Program Pages      | All                              | 116           | Updated | Updated course prerequisites for RAD 212                     |
| 2/23/2026     | Program Pages      | El Paso                          | 131-132       | Updated | Corrected VTA 150 to include 45 theory hours                 |

| Revision Date | Section                      | Campus                                                          | Catalog Pages | Action  | Catalog Revision                                                       |
|---------------|------------------------------|-----------------------------------------------------------------|---------------|---------|------------------------------------------------------------------------|
| 2/23/2026     | Program Pages                | All                                                             | 119           | Updated | Updated RES 287                                                        |
| 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         |
| 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                                      |
| 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                                            |
| 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                                     |

| Revision Date | Section              | Campus                                         | Catalog Pages | Action  | Catalog Revision                                                   |
|---------------|----------------------|------------------------------------------------|---------------|---------|--------------------------------------------------------------------|
| 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               |
| 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            | Description of Facilities: The Chula Vista Campus occupies approximately 24,000 square feet and is divided into nine major instructional areas. Each area contains appropriate instructional equipment and furniture. English as a Second Language Instruction is not offered by Pima Medical Institute, Chula Vista, CA. The Veterinary Technology separate educational center located at Chula Vista Animal Care Facility, 130 Beyer Way, is equipped with American Veterinary Medical Association essential equipment including a full surgical suite, surgical prep area, radiology room, clinical laboratory equipment and animal holding areas. The adjacent Veterinary Technology classroom includes clinical laboratory equipment, microscopes, a surgical instrument prep and sterilization area as well as student desk top computers. | Updated | Description of Facilities: The Chula Vista Campus occupies approximately 24,000 square feet and is divided into nine major instructional areas. Each area contains appropriate instructional equipment and furniture. English as a Second Language Instruction is not offered by Pima Medical Institute, Chula Vista, CA. |
| Renton, WA      | 14-15         | Description of Facilities: The Renton Campus occupies approximately 25,000 square feet and is divided into 19 major instructional areas. Each area contains appropriate instructional equipment and furniture. The campus is accessible to students with disabilities. The Separate Educational Center Veterinary Technician facility at 21621 64th Ave S, Kent, WA 98032, is located on the Regional Animal Services of King County property. The facility includes lecture, laboratory and clinical space. The clinic space includes a full surgical suite, a surgical preparation and dental area, a radiology room and laboratory. The facility provides students access to all American Veterinary Medical Association required equipment and supplies.                                                                                     | Updated | Description of Facilities: The Renton Campus occupies approximately 25,000 square feet and is divided into 19 major instructional areas. Each area contains appropriate instructional equipment and furniture. The campus is accessible to students with disabilities.                                                    |

| 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| San Antonio     | 14            | <p>Program Accreditation</p> <p>Radiography: The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, ph: (312) 704-5300, email: mail@jrcert.org.</p> <p>Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians.</p> | Updated | <p>Program Accreditation</p> <p>Radiography: The Radiography program is accredited by the Joint Review Committee on Education in Radiologic Technology, 20 North Wacker Drive, Suite 2850, Chicago, IL 60606-3182, ph: (312) 704-5300, email: mail@jrcert.org.</p> <p>Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technicians.</p> <p>The program in dental hygiene is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of "initial accreditation". The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at (800) 232-6108 or at 401 North Michigan Avenue, Suite 3300, Chicago, IL 60611-4250. The Commission's web address is: <a href="https://coda.ada.org">https://coda.ada.org</a></p> |

| 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. | Updated | Students enrolled into the Phlebotomy Technician program that miss any scheduled classroom or laboratory hours must attend scheduled make-up classes or tutoring sessions to cover any missed course content. Make-up classes or tutoring sessions do not remove the classroom absence from the student's record and will still count toward attendance advisement, attendance warning, and termination thresholds.                                                                                                                                                                                                                                           |

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

# Program Changes



Revision Date 2/23/26

| Date of Change | Program                                  | CatalogPage(s) | Action  | Notification                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------|------------------------------------------|----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3/11/2026      | Certificate: Practical Nursing Program   | 60-62          | Updated | This program is not regulated by DPOS                                                                                                                                                                                                                                                                                                                                                                   |
| 3/4/2026       | Certificate: Practical Nursing Program   | 60-62          | Updated | Updated program outline: BIO 112 Anatomy and Physiology has been moved into Sequence I. All other Anatomy and Physiology classes (BIO 113, BIO 116, and BIO 117) have been moved up within subsequent sequences. PSY 120 Human Development Across the Life Span has been repositioned from Sequence I to Sequence V.                                                                                    |
| 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.<br><br>Admissions Requirements: In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information. |
| 2/23/2026      | Associate Degree: Dental Hygiene Houston | 75             | Updated | Updated Admissions Requirements to include portfolio requirement in addition to an interview.<br><br>Admissions Requirements: In addition to the Admissions requirements listed in the Prospective Students section of this catalog, a portfolio and an interview with the program director and/or faculty is required. Refer to the program specific Prospective Student Handout for more information. |
| 2/23/2026      | Associate Degree: Respiratory Therapy    | 119            | Updated | Updated RES 287 to correct lab hours from 60 hours to 30 hours                                                                                                                                                                                                                                                                                                                                          |

| Date of Change | Program                                                   | CatalogPage(s) | Action  | Notification                                                                                                             |
|----------------|-----------------------------------------------------------|----------------|---------|--------------------------------------------------------------------------------------------------------------------------|
| 2/23/2026      | Associate Degree:<br>Healthcare<br>Administration -Online | 90             | Updated | Removed retired HCA program pages and added updated program pages                                                        |
| 2/23/2026      | Veterinary Technician-El<br>Paso                          | 131-132        | Updated | Corrected VTA 150 to include 45 theory hours and 0 lab hours                                                             |
| 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:<br>Respiratory Therapy                  | 119            | Updated | Corrected typographical error on semester 6 program outline                                                              |
| 1/1/2026       | Certificate: Medical<br>Administrative Assistant          | N/A            | Added   | Added new program pages for MAA online program                                                                           |
| 1/1/2026       | Associate Degree:<br>Surgical Technician                  | 123            | Updated | Revised Semester credit hours from 77 to 70 and Program Hours from 1740 to 1572                                          |

| Date of Change | Program                                    | CatalogPage(s) | Action  | Notification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------|--------------------------------------------|----------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1/1/2026       | Bachelor of Science in Radiologic Sciences | 135            | Updated | <p>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.</p> |

Section Catalog Current Catalog Statement  
Pages

Action New or Revised Catalog Statement

Colorado  
Institutional  
Refund  
Policy

188

Updated

## COLORADO INSTITUTIONAL REFUND POLICY

| A student terminating or withdrawing training:              | Is entitled to a refund of:        |
|-------------------------------------------------------------|------------------------------------|
| Day 1 thru Day 10 of the initial enrollment period          | 100% refund                        |
| Within first 10% of enrollment period                       | 90% less \$100 cancellation charge |
| After 10% but within the first 30% of the enrollment period | 70% less \$100 cancellation charge |
| After 30% but within the first 60% of the enrollment period | 40% less \$100 cancellation charge |
| After 60% of the enrollment period                          | no refund                          |

## COLORADO INSTITUTIONAL REFUND POLICY: ON-GROUND PROGRAMS

| A student terminating or withdrawing training:          | Is entitled to a refund of:                      |
|---------------------------------------------------------|--------------------------------------------------|
| Within first 10% of enrollment period                   | 90% tuition price less \$100 cancellation charge |
| After 10% but within the first 25% of enrollment period | 75% less \$100 cancellation charge               |
| After 25% but within the first 50% of enrollment period | 50% less \$100 cancellation charge               |
| After 50% but within the first 75% of enrollment period | 25% less \$100 cancellation charge               |
| After 75% of enrollment period                          | no refund                                        |

# 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 | Clinic10:1<br>Lab 20:1                                    |                                                                                                                                                  |
| Arizona    | Nursing                     | Clinic 10:1                                               |                                                                                                                                                  |
| Arizona    | Pharmacy Technician         | Lab 12:1<br>Lab (PHA 230) 8:1                             |                                                                                                                                                  |
| Arizona    | Radiography                 | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 |                                                                                                                                                  |
| Arizona    | Surgical Technician         | Lab 10:1                                                  |                                                                                                                                                  |
| Arizona    | Veterinary Technician       | Lab w/out animals 12:1<br>Lab with animals 8:1            |                                                                                                                                                  |
| California | Dental Assistant            | Lab 12:1<br>Preclinical/clinical lab 6:1                  |                                                                                                                                                  |
| California | Pharmacy Technician         | Lab 12:1<br>Lab with sterile compounding (PHA 230) 8:1    |                                                                                                                                                  |
| California | Radiography                 | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 |                                                                                                                                                  |
| California | Respiratory Therapy         | Clinic 6:1                                                |                                                                                                                                                  |
| California | Surgical Technician         | Lab 10:1                                                  |                                                                                                                                                  |
| California | Veterinary Technician       | Lab w/out animals 12:1<br>Lab with animals 8:1            |                                                                                                                                                  |

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

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

| State      | Program               | StudentInstructorRatios                                   | Note |
|------------|-----------------------|-----------------------------------------------------------|------|
| Washington | Pharmacy Technician   | Lab 12:1<br>Lab (PHA 230) 8:1                             |      |
| Washington | Radiography           | Lab 10:1<br>Clinic (Technologist) 1:1<br>Clinic (CI) 10:1 |      |
| Washington | Respiratory Therapy   | Clinic 6:1                                                |      |
| Washington | Surgical Technician   | Lab 10:1                                                  |      |
| Washington | Veterinary Technician | Lab w/out animals 12:1<br>Lab with animals 8:1            |      |

# 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     |
| Semester I Total |                                                 | 180    | 60  |        | 14.0    |

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

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

## At a Glance

**Program Type:** Certificate

**Delivery Method:** Online

**Semester Credits:** 30.0

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

## Campus Locations



The Online programs are delivered from Tucson, AZ.

# Medical Administrative Assistant • Course Descriptions

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## 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*



## At a Glance

**Program Type:** Certificate

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

**Semester Credits:** 44.0

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

## Campus Locations



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

# Practical Nursing

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

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

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

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

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

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

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

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

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

|                      |  |            |            |            |             |
|----------------------|--|------------|------------|------------|-------------|
| <b>Program Total</b> |  | <b>488</b> | <b>168</b> | <b>405</b> | <b>44.0</b> |
|----------------------|--|------------|------------|------------|-------------|

# Practical Nursing • Course Descriptions

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

## Sequence I

### **MTH 127 Med Math**

*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*

This course presents calculation, conversion, and computation of fractions, decimals, ratios, proportions, percents, measurements, abbreviations, and data analysis. It also acquaints the student with the skills important for the health professional's application and critical thinking necessary for safe dosage calculations.

*Prerequisites: None*

### **CMT 102 Medical Terminology**

*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*

The course focuses on the development of a basic framework for the language of medicine. Through memorization and practice in spelling and pronunciation of medical roots, suffixes, and prefixes, students learn to create, analyze, and apply medical terms.

*Prerequisites: None*

### **HUN 100 Nutrition**

*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Extern) Semester Credits: 1.0*

This course acquaints students entering health professions with each of the major nutrients, nutritional requirements, methods used for planning nutritionally adequate and healthy diets, and nutrition needs throughout the life span. Current nutrition issues/controversies will be discussed.

*Prerequisites: None*

### **ENG 115 Communication and Composition**

*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*

This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, health literacy, cultural diversity, and professional courtesy.

*Prerequisites: None*

### **BIO 112 Anatomy and Physiology I**

*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*

This course provides students with the knowledge of the structure and function of the human body. Course content includes the organization of the human body including an introduction to each of the body systems, beginning with cellular structure. Other topics include the integumentary and musculoskeletal systems, disease and disease-producing organisms, and infectious diseases.

*Prerequisites: Sequence I*

### **NUR 104 Strategies for PN Success**

*Total Course Hours: 16 (16 Theory, 0 Lab, 0 Clinical) Semester Credits: 1.0*

This course provides an opportunity to learn and adopt methods to promote success in school, work, and life. Topics include time management, reading skills, test-taking techniques, goal setting, and stress management.

*Prerequisites: None*

## Sequence II

### **BIO 113 Anatomy and Physiology II**

*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*

This course provides students with the knowledge of the structure and function of the human body. Content focuses on the nervous, sensory, digestive, and urinary systems as well as fluids and electrolytes. Other course topics include benign and malignant cancers.

*Prerequisites: Sequence I*

### **NUR 105 Introduction to Nursing and Pharmacology**

*Total Course Hours: 88 (48 Theory, 40 Lab, 0 Clinical) Semester Credits: 4.0*

This course introduces the role of the practical nurse and basic nursing. The historical perspective and elements of nursing as outlined by various nursing theories provide a framework for developing critical thinking in approaching health care. Additional topics include ethical/legal responsibilities, the PN scope of practice, state specific nurse practice acts, the nursing process, patient education, and basic needs. The course also provides the foundational knowledge and principles of pharmacology.

*Prerequisites: Sequence I*

## Sequence III

### **BIO 116 Anatomy and Physiology III**

*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*

This course provides students with the knowledge of the structure and function of the human body. Content focuses on blood and the cardiovascular, respiratory, and endocrine systems.

*Prerequisites: Sequences I and II*

### **NUR 150 Elder Care and Nursing Theory**

*Total Course Hours: 80 (64 Theory, 16 Lab, 0 Clinical) Semester Credits: 4.5*

This course addresses the nursing theory, pharmacology concepts, and the skills required to collect data and contribute to a basic physical assessment. Students will focus on caring for the aging population while providing culturally sensitive care and promoting independence. This course will also discuss the physical and cognitive changes that occur in the elderly. Students have opportunities to practice and demonstrate competency in simulated, interactive, and virtual settings.

*Prerequisites: Sequence II; Concurrent enrollment in NUR 151 Clinical Foundations of Nursing I*

# Practical Nursing • Course Descriptions

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## **NUR 151 Clinical Foundations of Nursing I**

*Total Course Hours: 95 (0 Theory, 0 Lab, 95 Clinical) Semester Credits: 2.0*

This course provides the student with opportunities to apply concepts covered in the *Elder Care and Nursing Theory* course. Application includes clinical practice and competency/performance testing in simulated, interactive, and virtual settings.

*Prerequisites: Sequence II; Concurrent enrollment in NUR 150 Elder Care and Nursing Theory*

## Sequence IV

### **BIO 117 Anatomy and Physiology IV**

*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*

This course provides students with knowledge of the structure and function of the human body. Content includes the male and female reproductive systems, development and birth, and heredity and hereditary diseases. Additional emphasis is placed on the lymphatic system and immunity.

*Prerequisites: Sequences I, II, and III*

## **NUR 160 Adult Medical and Surgical Community Health Nursing Theory**

*Total Course Hours: 64 (48 Theory, 16 Lab, 0 Clinical) Semester Credits: 3.5*

This course addresses the nursing theory, pharmacology concepts, and skills required to collect data and contribute to a basic physical assessment of adults with various medical/surgical conditions. Emphasis is placed on cardiovascular, hematopoietic, respiratory, and endocrine systems. Concepts of community-based nursing services are explored. Students will have opportunities to practice and demonstrate competency in simulated, interactive, and virtual settings.

*Prerequisites: Sequences II and III; Concurrent enrollment in NUR 161 Clinical Foundations of Nursing II*

## **NUR 161 Clinical Foundations of Nursing II**

*Total Course Hours: 95 (0 Theory, 0 Lab, 95 Clinical) Semester Credits: 2.0*

This course provides students with opportunities to apply concepts covered in the *Adult Medical and Surgical Community Health Nursing Theory* course. Clinical hours take place in various settings, including clinics, physician offices, community health care settings, and medical/surgical care agencies. Application includes clinical practice and competency/performance testing in simulated, interactive, and virtual settings.

*Prerequisites: Sequences II and III; Concurrent enrollment in NUR 160 Adult Medical and Surgical Community Health Nursing Theory*

## Sequence V

### **PSY 120 Human Development Across the Life Span**

*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*

This course addresses physical, cognitive, social, emotional, and psychosexual components of human growth and development from birth to death. Topics include analysis of activities that are directed toward developing, sustaining, and enhancing wellness during all stages of development in the journey toward psychosocial maturity. Students will explore the history and theories of growth and development, including the impact of ethnic, gender, and cultural factors on the process. The course provides opportunities for students to develop an understanding of shared decision-making among family, provider, and community.

*Prerequisites: None*

## **NUR 170 Maternal Child Nursing Theory**

*Total Course Hours: 64 (48 Theory, 16 Lab, 0 Clinical) Semester Credits: 3.5*

This course provides knowledge of nursing theory, pharmacology concepts, and the skills required to collect data and contribute to a basic physical assessment, all of which will be applied during the study of the pregnancy and the birth process. Focus is on the pediatric population from birth to adulthood. Discussion will also include the immune, lymphatic, and reproductive systems. Students have opportunities to practice and demonstrate competency in simulated, interactive, and virtual settings.

*Prerequisites: Sequences II, III, and IV; Concurrent enrollment in NUR 171 Clinical Foundations of Nursing III*

## **NUR 171 Clinical Foundations of Nursing III**

*Total Course Hours: 95 (0 Theory, 0 Lab, 95 Clinical) Semester Credits: 2.0*

This course provides students with opportunities to apply concepts from all current and prior nursing courses in a variety of clinical settings. Clinical hours are provided in pediatric, obstetric, community health, and adult medical/surgical facilities. Application includes clinical practice and competency/performance testing in simulated, interactive, and virtual settings.

*Prerequisites: Sequences II, III, and IV; Concurrent enrollment in NUR 170 Maternal Child Nursing Theory*

## Sequence VI

### **NUR 180 Pharmacology - Intravenous Therapy**

*Total Course Hours: 40 (24 Theory, 16 Lab, 0 Clinical) Semester Credits: 2.0*

This course focuses on intravenous (IV) therapy, including the fundamentals of fluid administration, premixed IV fluids containing electrolytes and vitamins, and premixed antibiotic solutions. Students develop and apply their knowledge of pharmacology concepts in the skills lab.

*Prerequisites: Sequences I, II, III, IV, and V*

## **NUR 200 Role Transition**

*Total Course Hours: 32 (32 Theory, 0 Lab, 0 Clinical) Semester Credits: 2.0*

This course is designed to prepare the student for the *National Council Licensure Examination for Practical/Vocational Nurses (NCLEX-PN®)* and professional practice by providing a comprehensive review of technical coursework, mock examinations, and appropriate test-taking strategies.

*Prerequisites: Sequences I, II, III, IV, and V*

## **NUR 205 Clinical Foundations of Nursing IV**

*Total Course Hours: 120 (0 Theory, 0 Lab, 120 Clinical) Semester Credits: 2.5*

This course provides students with opportunities to apply learned theories and skills in a variety of clinical settings under the supervision of a qualified nursing faculty member. Students are given the opportunity to develop and implement a leadership project in collaboration with the clinical agency.

*Prerequisites: Sequences I, II, III, IV, and V*

# Dental Hygiene - Houston Campus

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

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

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

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

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

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

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

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

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

| Program Total |  | 960 | 150 | 666 | 83.0 |
|---------------|--|-----|-----|-----|------|
|---------------|--|-----|-----|-----|------|



## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground

**Semester Credits:** 83.0

| Program Length                               | Total |
|----------------------------------------------|-------|
| Program Hours                                | 1,731 |
| Program Weeks                                | 90    |
| Program Semesters<br>(15 weeks per semester) | 6     |

## Campus Locations



TX: Houston

# Dental Hygiene—Houston Campus • Course Descriptions

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## 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

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## **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

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## **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

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## 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     |
| Semester I Total |                                | 225    | 30  |          | 16.0    |

| Semester II       |                                     |        |     |          |         |
|-------------------|-------------------------------------|--------|-----|----------|---------|
| Course #          | Course                              | Theory | Lab | Clinical | Credits |
| SOC 110           | Sociology                           | 30     |     |          | 2.0     |
| CHM 125           | Chemistry/Biochemistry              | 45     |     |          | 3.0     |
| BIO 136           | Head and Neck Anatomy               | 30     |     |          | 2.0     |
| RDH 116           | Preclinical Dental Hygiene          | 45     |     |          | 3.0     |
| RDH 118           | Medical Emergencies                 | 15     |     |          | 1.0     |
| RDH 120           | Preclinical Clinical Dental Hygiene |        |     | 90       | 2.0     |
| RDH 211           | Radiology                           | 30     | 45  |          | 3.5     |
| Semester II Total |                                     | 195    | 45  | 90       | 16.5    |

| Semester III       |                                 |        |     |          |         |
|--------------------|---------------------------------|--------|-----|----------|---------|
| Course #           | Course                          | Theory | Lab | Clinical | Credits |
| RDH 150            | Dental Hygiene I                | 30     | 15  |          | 2.5     |
| RDH 155            | Clinical Dental Hygiene I       |        |     | 120      | 2.5     |
| RDH 215            | Biomaterials                    | 15     | 45  |          | 2.5     |
| RDH 218            | Periodontics                    | 45     |     |          | 3.0     |
| RDH 260            | Pharmacology for Dental Hygiene | 45     |     |          | 3.0     |
| Semester III Total |                                 | 135    | 60  | 120      | 13.5    |

| Semester IV       |                            |        |     |          |         |
|-------------------|----------------------------|--------|-----|----------|---------|
| Course #          | Course                     | Theory | Lab | Clinical | Credits |
| RDH 175           | Dental Hygiene II          | 30     | 15  |          | 2.5     |
| RDH 180           | Clinical Dental Hygiene II |        |     | 150      | 3.0     |
| RDH 209           | Nutrition and Cariology    | 30     |     |          | 2.0     |
| RDH 214           | Patient/Pain Management    | 30     | 45  |          | 3.5     |
| RDH 220           | General/Oral Pathology     | 45     |     |          | 3.0     |
| RDH 223           | Restorative Lab I          |        | 30  |          | 1.0     |
| Semester IV Total |                            | 135    | 90  | 150      | 15.0    |

| Semester V       |                                            |        |     |          |         |
|------------------|--------------------------------------------|--------|-----|----------|---------|
| Course #         | Course                                     | Theory | Lab | Clinical | Credits |
| RDH 200          | Dental Hygiene III                         | 30     | 15  |          | 2.5     |
| RDH 205          | Clinical Dental Hygiene III                |        |     | 180      | 4.0     |
| RDH 251          | Treatment of Special Needs Patient Seminar | 45     |     |          | 3.0     |
| RDH 259          | Community and Public Dental Health         | 45     |     |          | 3.0     |
| RDH 233          | Restorative Lab II                         | 15     | 75  |          | 3.5     |
| Semester V Total |                                            | 135    | 90  | 180      | 16.0    |

| Semester VI       |                                       |        |     |          |         |
|-------------------|---------------------------------------|--------|-----|----------|---------|
| Course #          | Course                                | Theory | Lab | Clinical | Credits |
| RDH 226           | Review of Dental Hygiene              | 45     |     |          | 3.0     |
| RDH 230           | Dental Health Promotions              | 30     |     |          | 2.0     |
| RDH 240           | Dental Hygiene IV                     | 15     |     |          | 1.0     |
| RDH 245           | Clinical Dental Hygiene IV            |        |     | 180      | 4.0     |
| RDH 285           | Restorative Clinic                    |        |     | 60       | 1.0     |
| RDH 291           | Principles of Dental Hygiene Practice | 30     |     |          | 2.0     |
| Semester VI Total |                                       | 120    |     | 240      | 13.0    |
| Program Total     |                                       | 945    | 315 | 780      | 90.0    |

## 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<br>(15 weeks per semester) | 6     |

## Campus Locations



WA: Seattle

# Dental Hygiene—Seattle Campus • Course Descriptions

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## 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

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## **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

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## **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 dentof orm.

*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

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## **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*



## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Hybrid

**Quarter Credits:** 121.5

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

## Campus Locations



TX: San Antonio

# Dental Hygiene - San Antonio 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.

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

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

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

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

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

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

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

# Dental Hygiene - San Antonio Campus • Course Descriptions

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## Quarter I

### **COMM 1000 Communications & Composition**

*Total Course Hours: 30 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.0*

This course addresses the skills needed for effective oral and written communications in a variety of contexts. Among the topics addressed are verbal and nonverbal communication cues, active listening techniques, technical and professional writing, evaluating culturally diverse points of view, and professional courtesy.

*Prerequisites: None*

### **BIOL 1000 Anatomy & Physiology**

*Total Course Hours: 60 (60 Theory, 0 Lab, 0 Clinical) Quarter Credits: 6.0*

This course provides an introduction to the structures and functions of systems within the human body, including integumentary, musculoskeletal, endocrine, nervous, cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive. Course content addresses the roles of cellular, tissue, and organ structures within each system and within the human body as a whole.

*Prerequisites: None*

### **BIOL 1100 Microbiology & Immunology**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course explores the fundamental principles of microbiology, immunology, and infectious disease transmission. Discussion topics include the characteristics of bacteria, fungi, and viruses and their roles in infectious disease transmission, various laboratory processes, microbial growth, and immunity, among others.

*Prerequisites: None*

### **DHYG 1200 Introduction to Dental Hygiene**

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

This course introduces the role of a dental hygienist, beginning with the fundamental theoretical concepts of professionalism, law and ethics, oral health and disease, and the dental hygiene process of care.

*Prerequisites: None*

### **DHYG 1000 Dental Anatomy**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course provides a foundational understanding of the development and anatomy of human teeth. Course content includes embryonic development, craniofacial development, tooth development and eruption sequences, histologic features of tooth structures, anatomy of the periodontium and salivary structures, and specific morphology of each tooth.

*Prerequisites: None*

## Quarter II

### **CHEM 1000 Chemistry/Biochemistry**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course introduces the basic concepts of general chemistry as well as organic and inorganic chemistry and biochemistry. Topics include elements and compounds, chemical equations, nomenclature, molecular structure, and the chemistry of proteins, carbohydrates, lipids, and other biological compounds.

*Prerequisites: Quarter I courses*

### **DHYG 1010 Head & Neck Anatomy**

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

This course explores the anatomical features and functions of the head and neck region within the context of dental hygiene clinical practice. Students acquire in-depth understanding of the head and neck region through examination and identification of associated osteological, muscular, vascular, nervous, and lymphatic structures.

*Prerequisites: Quarter I courses*

### **DHYG 1020 Medical Emergencies**

*Total Course Hours: 15 (15 Theory, 0 Lab, 0 Clinical) Quarter Credits: 1.5*

This course is designed to instill a working knowledge of appropriate assessment procedures required to obtain and evaluate patient histories that may indicate patients at risk for medical emergencies in the dental setting. Students analyze case scenarios and apply critical thinking skills to accurately identify, treat, manage, and prevent various emergency situations.

*Prerequisites: Quarter I courses*

### **DHYG 1210 Preclinical Dental Hygiene**

*Total Course Hours: 129 (45 Theory, 0 Lab, 84 Clinical) Quarter Credits: 7.0*

This course begins development of the professional competencies that continue throughout the dental hygiene theoretical and clinical curriculum. Among the topics included are clinical policy/procedure, maintaining a safe and aseptic work environment, patient assessment techniques, and duties related to basic instrumentation and equipment.

*Prerequisites: Quarter I courses*

# Dental Hygiene - San Antonio Campus • Course Descriptions

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## **DHYG 1100 Radiology**

*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Quarter Credits: 5.0*

This course provides the student with the scientific principles and clinical applications relating to the performance of dental radiographic procedures. Content emphasizes techniques of exposing, processing, mounting, and critically interpreting intraoral and panoramic radiographs, and provides students with radiation and infection control principles for use in practical applications. Laboratory experience allows students to gain initial radiographic skills that are utilized throughout the clinical courses.

*Prerequisites: Quarter I courses*

## Quarter III

### **DHYG 1220 Dental Hygiene I**

*Total Course Hours: 66 (30 Theory, 36 Lab, 0 Clinical) Quarter Credits: 4.5*

This course is a continuation of the theoretical development of dental hygiene skills as well as the introduction of advanced clinical topics. Content includes patient communication strategies, re-care and periodontal maintenance protocol, the referral process, air-powder polishers, advanced dental hygiene instruments, and power-driven scaling instruments.

*Prerequisites: Quarter I & II courses*

### **DHYG 1230 Clinical Dental Hygiene I**

*Total Course Hours: 96 (0 Theory, 0 Lab, 96 Clinical) Quarter Credits: 3.0*

This course applies previously learned skills in a clinical setting under direct professional supervision. Content emphasizes patient care through the application of assessment techniques, treatment planning, calculus detection, and basic instrumentation and procedures. Students are evaluated with the expectation of demonstrating beginning competency level in direct patient care.

*Prerequisites: Quarter I & II courses*

### **DHYG 1110 Biomaterials**

*Total Course Hours: 60 (30 Theory, 30 Lab, 0 Clinical) Quarter Credits: 4.5*

This course is a survey of materials used in dentistry, dental hygiene, and dental laboratory procedures. The chemical and physical properties of dental materials will be discussed with an emphasis on the handling, manipulation, and rationale for use of materials used in dental hygiene and dentistry.

*Prerequisites: Quarter I & II courses*

### **DHYG 1030 Periodontics**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course examines the effects of periodontal disease on overall health. Through exploration of the epidemiology, etiology, microbiology, and immunology of various periodontal diseases, students develop skills that enable them to differentiate healthy and diseased periodontium. Further, they will learn to evaluate the extent and severity of the periodontal diseases and develop and appropriate clinical treatment recommendations.

*Prerequisites: Quarter I & II courses*

### **DHYG 1040 Pharmacology for Dental Hygiene**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course covers the basic components of pharmacology with emphasis on the interaction with the biologic systems in the body as well as those that specifically affect oral health. Topics include therapeutic use, pharmacokinetics, pharmacodynamics, pharmacologic effects, adverse effects, drug interactions, and contraindications, among others.

*Prerequisites: Quarter I & II courses*

## Quarter IV

### **PSYC 1000 Psychology**

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

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

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

### **DHYG 1240 Dental Hygiene II**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course integrates the cognitive, psychomotor, and affective foundations of dental hygiene practice through exposure to increasingly complex patient cases, development of advanced instrumentation skills, individualized risk assessment, dental management of various special needs and/or medically compromised patients, and case management skills. Topics also include evidence-based treatment for nonsurgical periodontal therapy, evaluation of treatment outcomes, and professional development strategies.

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

# Dental Hygiene - San Antonio Campus • Course Descriptions

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## **DHYG 1250 Clinical Dental Hygiene II**

*Total Course Hours: 120 (0 Theory, 0 Lab, 120 Clinical) Quarter Credits: 4.0*

This course introduces new concepts and techniques while providing opportunities to apply acquired skills and knowledge in the clinical setting under direct supervision. Students are expected to demonstrate increased proficiency in patient assessment, diagnosis, management, and dental hygiene care planning. Topics and skills addressed include advanced instrumentation and communication techniques, care of oral prostheses, and cultural competence, among others. Students complete a periodontal case study to demonstrate ability to evaluate and implement evidence-based practice techniques.

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

## **DHYG 2020 Patient/Pain Management**

*Total Course Hours: 75 (30 Theory, 45 Lab, 0 Clinical) Quarter Credits: 5.0*

This course conveys a working knowledge of theoretical and practical applications of various physical, chemical, and psychological modalities intended for pain and anxiety management. Topics address the safe, ethical, legal, and proficient administration of local anesthesia and nitrous oxide in the clinical setting.

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

## **DHYG 2000 General/Oral Pathology**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course introduces general pathology concepts relevant to systemic and oral conditions. Discussion topics address recognition, description, and assessment of characteristics that deviate from normal findings. Students apply critical thinking skills to evaluate case studies that include laboratory, clinical, and radiographic data designed to elicit differential diagnoses of oral lesions.

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

## Quarter V

### **SOCI 1000 Sociology**

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

This course examines the sociological perspective of human behavior. Content addresses the structure and function of human societies and the interaction of people within societies. Topics include cultural belief systems, economic and political influences, and social classes, among others.

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

## **DHYG 2200 Dental Hygiene III**

*Total Course Hours: 45 (45 Theory, 0 Lab, 0 Clinical) Quarter Credits: 4.5*

This course applies concepts and principles introduced in earlier dental hygiene courses and further explores the dental management of various special needs and/or medically compromised patients. Emphasis is on increasingly complex cases that are designed to develop critical thinking skills and that emphasize appropriate assessment and planning techniques for a variety of special needs populations and practice-related situations.

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

## **DHYG 2210 Clinical Dental Hygiene III**

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

This course applies increasingly complex knowledge and skills acquired in earlier Quarters in patient assessment, management, treatment, evaluation, and preventive measures as part of comprehensive patient care. Students are evaluated with the expectation of demonstrating increased proficiency in direct patient care.

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

## **DHYG 2010 Nutrition & Cariology**

*Total Course Hours: 36 (36 Theory, 0 Lab, 0 Clinical) Quarter Credits: 3.6*

This course covers foundational biochemistry of nutrition, specific nutritional requirements throughout the life stages, special requirements for systemic diseases, and how nutrition relates to oral health and disease. These nutritional concepts are then applied to the field of cariology as it relates to the development, function, and progression or reversal of caries. Advanced topics relative to dental caries include pathophysiology, diagnosis, risk assessment, development of appropriate prevention and therapeutic strategies, and trends in caries research.

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

## **DHYG 2100 Community & Public Dental Health I**

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

This course introduces public health concepts and practices relevant to the field of dental hygiene. Content includes epidemiology, disease prevention, and advocacy for community access to dental care. Students apply critical thinking skills to explore various research-related topics that incorporate biostatistics, study methods, and other considerations to advance knowledge and literature review competence. Emphasis is on community outreach into underserved area/populations.

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

# Dental Hygiene - San Antonio Campus • Course Descriptions

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## Quarter VI

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

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

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

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

### **DHYG 2130 Review of Dental Hygiene**

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

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

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

### **DHYG 2220 Dental Hygiene IV**

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

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

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

### **DHYG 2230 Clinical Dental Hygiene IV**

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

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

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

### **DHYG 2120 Principles of Dental Hygiene Practice**

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

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

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



## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Online

**Semester Credits:** 61.0

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

## Campus Locations



AZ: Phoenix, Tucson  
NM: Albuquerque

# Health Care Administration

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

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

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

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

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

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

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

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

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

# Health Care Administration • Course Descriptions

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## 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

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## 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    |
| Program Total           |                                     | 630    | 68  | 1,680  | 80.0    |
| Las Vegas Program Total |                                     | 675    | 68  | 1,680  | 83.0    |

\*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<br>2,423* |
| Program Weeks                                | 90              |
| Program Semesters<br>(15 weeks per semester) | 6               |

\*Las Vegas Campus

## Campus Locations



AZ: Mesa, Tucson

CA: Chula Vista

CO: Denver

NV: Las Vegas

NM: Albuquerque

TX: El Paso, Houston, San Antonio

WA: Seattle

# Radiography • Course Descriptions

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*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

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## **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<br>2,001* |
| Program Weeks                                | 96              |
| Program Semesters<br>(16 weeks per semester) | 6               |

\*Las Vegas Campus

## Campus Locations



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

# Respiratory Therapy • Course Descriptions

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

## Semester I

### **MT 103 Math Applications**

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

This course provides the student with the fundamentals of college algebra. Content includes fractions, decimals, percents, ratios and algebraic equations. Additional topics include a review of the metric system, scientific notation, graphing and dosing calculations.

*Prerequisites: None*

### **BIO 127 Anatomy and Physiology**

*Total Course Hours: 70 (70 Theory, 0 Lab, 0 Extern) Semester Credits: 4.5*

The objective of this course is to provide the student with knowledge of the structure and function of the human body. Cells, tissues and organs are described and discussed as components of their respective systems. Course content includes the structure, function, and medical terminology for the following systems: integumentary, musculoskeletal, endocrine, cardiovascular (including blood, heart, blood vessels and circulation), lymphatic, immune, respiratory, digestive, urinary and reproductive systems.

*Prerequisites: None*

### **RES 116 Cardiac Anatomy and Physiology**

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

Provides an in-depth study of the heart, including the functions of the heart, its components and the chemical and physical processes involved.

*Prerequisites: None*

### **RES 118 Pulmonary Anatomy and Physiology**

*Total Course Hours: 75 (75 Theory, 0 Lab, 0 Extern) Semester Credits: 5.0*

The course provides an in-depth study of the lungs and their functions, including pulmonary structure and the physiology of gas transport. Topics include the anatomy of the airways and thorax and its relation to the function of gas movement in and out of the lungs. Pressure gradients, diffusion, perfusion and ventilation are studied in detail. The course will use formulae for arterial (CaO<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

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## **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

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## **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    |

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

## 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<br>(15 weeks per semester) | 5     |

## Campus Locations



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

# Surgical Technology • Course Descriptions

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*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

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## **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

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## Semester V

### **SUR 265 Certification Preparation**

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

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

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

### **SUR 275 Clinical Practicum**

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

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

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

# Veterinary Technician—El Paso Campus

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

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

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

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



## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** On-ground

**Semester Credits:** 75.5

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

## Campus Locations



TX: El Paso

# Veterinary Technician—El Paso • Course Descriptions

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## 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

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## 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

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## **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    |
| Transfer Total                                                                        |        |        |     |        | 71.0    |

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

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

| Semester III       |                                                       |        |     |        |         |
|--------------------|-------------------------------------------------------|--------|-----|--------|---------|
| Course #           | Course                                                | Theory | Lab | Extern | Credits |
| HCA 460            | Public Health                                         | 45     |     |        | 3.0     |
| RES 325            | Polysomnography                                       | 45     |     |        | 3.0     |
| RES 440            | Home Health                                           | 45     |     |        | 3.0     |
| RES 450            | Leadership in Respiratory Care or                     | 45     |     |        | 3.0     |
| EDU 450            | Education Foundations for Allied Health Professionals |        |     |        |         |
| Semester III Total |                                                       | 180    |     |        | 12.0    |

| Semester IV       |                                           |        |     |        |         |
|-------------------|-------------------------------------------|--------|-----|--------|---------|
| Course #          | Course                                    | Theory | Lab | Extern | Credits |
| HCA 430           | Patient Information and Management        | 45     |     |        | 3.0     |
| HCA 470           | Quality Management                        | 45     |     |        | 3.0     |
| RES 420           | Disease Management and Wellness Promotion | 45     |     |        | 3.0     |
| RES 490           | Professional Capstone                     | 60     |     |        | 4.0     |
| Semester IV Total |                                           | 195    |     |        | 13.0    |

|                                |  |     |   |   |       |
|--------------------------------|--|-----|---|---|-------|
| Semesters I, II, III, IV Total |  | 735 | 0 | 0 | 49.0  |
| Program Total                  |  | 735 | 0 | 0 | 120.0 |

## At a Glance

**Program Type:** Bachelor's Degree

**Delivery Method:** Online

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

| Program Length                                                                                                               | Total |
|------------------------------------------------------------------------------------------------------------------------------|-------|
| Program Hours<br>(excludes transfer credits)                                                                                 | 735   |
| Program Weeks<br>Individual time to completion may vary by student depending on individual progress and credits transferred. | 64    |
| Program Semesters<br>(16 weeks/semester)                                                                                     | 4     |

## Campus Locations



The Online programs are delivered from Tucson, AZ.

# Bachelor of Science in Respiratory Therapy • Course Descriptions

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## 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

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## **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*



## At a Glance

**Program Type:** Associate Degree

**Delivery Method:** Online

**Semester Credits:** 95.0

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

## Campus Locations



The Online programs are delivered from Tucson, AZ.

# Radiography—Bridge

**Objective:** To develop in students the personal and professional skills needed to perform as competent entry-level radiologic technologists. Students will be presented with information in anatomy and physiology, methods of patient care, medical terminology, radiographic techniques, and communications.

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

**Admissions Requirements:** In addition to the Admissions requirements listed in the Prospective Students section of this catalog, applicants must document a minimum of 1,599 hours of clinical experience in radiologic sciences. In addition, applications must document graduation from one of the following: a United States military program in radiologic sciences; a JRCERT-accredited radiologic sciences program; a foreign program in radiologic sciences equivalent in length to one year or more of college coursework; or an approved or licensed limited scope radiography program. One year of college coursework is defined as 30 credit hours. Students are granted 35.5 credits for previous radiologic sciences education and experience. Refer to the Transfer Credit information in the Prospective Students section of this catalog.

| Transfer Credit                                                              |        |        |             |
|------------------------------------------------------------------------------|--------|--------|-------------|
|                                                                              | Theory | Extern | Credits     |
| Transfer of Credit (1 medical terminology, 34.5 clinical experience credits) |        |        | 35.5        |
| <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 IV 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

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## 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

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## **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:<br/> <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>** The State of Montana does not have licensure requirements for this profession; however, regulations prohibit hiring of non-CODA (<b>Commission on Dental Accreditation</b>) trained Dental Assistants.</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<br/> <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> *, Wyoming, Puerto Rico, Guam | Alabama, District of Columbia, Massachusetts*, North Dakota*, Ohio*, Oklahoma, Utah*, Washington*, West Virginia*, Wisconsin, American Samoa, N. Mariana Islands, US Virgin Islands | <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>*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* ( <i>San Marcos Program ONLY</i> ), Nevada, Washington                                                                                                                                                                                                                                                                                                                                                      | California*, 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<br/> <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                                                        | <p>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.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at:<br/> <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></p> |
| 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 | <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at:<br/> <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></p>                                                                                                                                                                                       |

| Program                        | Program does not lead to licensure or Licensure Not Required | Meets Licensure Requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Does Not Meet Licensure Requirements                                                               | Notes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Occupational Therapy Assistant |                                                              | All States/Territories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                    | Graduates of the OTA program are eligible to apply to take the National Certification Examination for Occupational Therapy Assistant (COTA) administered by the National Board for Certification in Occupational Therapy (NBCOT).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Paramedic                      |                                                              | Arizona*, Nevada*<br><br>Alabama, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington DC, West Virginia, Wisconsin, Wyoming | Alaska, New York, Oregon, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands | <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:<br/> <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 | <p>Graduates of PMI VTT programs are eligible to apply to take the Veterinary Technician National Examination (VTNE) and applicable state board examinations.</p> <p>Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at:<br/> <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></p> |



## 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                           |                    |                            |       |