Las Vegas Campus Addendum

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

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Las Vegas, NV 89121
702-458-9650

Separate Classroom Location:

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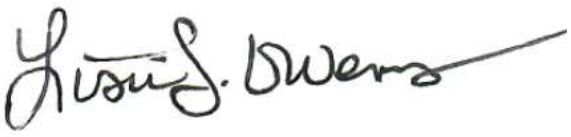
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I certify this catalog to be true and correct in content and policy

Signature: 

Date: 11/1/2026

Las Vegas Campus Leadership and Staff

First Name	Last Name	Credentials	Title
Lisia	Owens	BSM, MBA, DHA	Campus President
Gary	Jenkins	MSHA, R.T. (R), ARRT	Campus Vice President
Karin	Wagner	B.S. - Health Care Administration, RMA	Assistant Dean of Faculty
LaDonna	Knight	AAS - Health Care Administration	Student Services Coordinator
Divannea	Fladger	AS - Business Administration	Medical Career Specialist
Julia	Luy	B.S. - Commerce Major in Marketing	Medical Career Specialist
Ricardo	DeSouza		Medical Career Specialist
Susana	Medellin		Office Assistant
Michelle	Adams	AAS - Health Care Administration, CMA, RMA	Career Services Coordinator
Sandra	Wheeler		Career Services Advisor
Laura	McGuiness		Career Services Advisor
Monica	Carew	B.S. - Criminal Justice	Career Services Advisor
Michelle	Silva	B.S. - Health Care Administration	Business Office Manager/Registrar
Christine	Randolph	B.A. - Psychology, M.S. - Gerontology	Office Assistant
Mary	Hernandez		Office Assistant
Lovell	Watson	A.S - Business Administration	Student Finance Coordinator
Zahra	Hammond	B.A. - Business Administration & Psychology	Student Finance Officer
Martha	Garnett	Masters - Business Administration	Student Finance Officer
		B.S. - Social Psychology	
Jessica	Castillo		Student Finance Officer
Deidra	Anderson		Receptionist
James	Fernandez	AA - Liberal Arts	Maintenance
Francis	Palomino		Administrative Assistant
Kathryn	Fivelstad, MD	MD - Medicine	Medical Director - Paramedic

Las Vegas Campus Faculty

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Desalegne	Alene	RRT-NPS	Bachelor of Science in Respiratory Therapy	University of Cincinnati	Respiratory Therapy Instructor	Part-time
			Associates of Applied Science in Respiratory Therapy	Pima Medical Institute		
Sunshine	Arata	DPT	Doctor of Physical Therapy	Loma Linda University	Physical Therapist Instructor	Full-time
			Master's in Education with an Emphasis on Clinical Psychology	University of LaVerne		
			Bachelor of Science in Kinesiology Sports Medicine	California State University of Fresno		
Ashlee	Artus	PTA	Bachelor of Science in Physical Therapist Assistant	Pima Medical Institute	Physical Therapist Assistant Clinical Director	Full-time
			Associate of Applied Science, Physical Therapist Assistant	College of Southern Nevada		
Alaina	Barclay	DVM	Doctor of Veterinary Medicine	Ross University School of Veterinary Medicine	Veterinary Technician Instructor	Full-time
			Bachelor of Arts, Nonprofit Leadership	William Jewell College		
Melissa	Barker	RT (R)(M), ARRT	Master of Organizational Leadership	Pima Medical Institute	Radiography Instructor	Full-time
			Bachelor of Science, Radiologic Sciences	Pima Medical Institute		
			Associate of Occupational Science, Radiography	Pima Medical Institute		
Ayla	Blanks	CPhT	Certificate in Pharmacy Technician	Pima Medical Institute	Pharmacy Technician Instructor	Full-time

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Bryan	Brockett	PT	Master of Science in Physical Therapy	University of Las Vegas, Nevada	Physical Therapist Assistant Instructor	Part-time
			Bachelor of Science, Sports Injury Management	University of Las Vegas, Nevada		
Naomi	Brown	CCMA	Bachelor of Business Administration - Allied Health	Robert Morris University	Medical Assistant Instructor	Full-time
			Associate of Applied Science in Medical Assisting	Robert Morris University		
Carolle	Cruz-Reyes	DMD	Doctor of Dental Medicine	Philippines, Centro Escolar University	Medical Assistant Instructor	Full-time
			Bachelor of Science in Nursing	Philippine College of Health Sciences		
Fred	Dator	DMD	Doctor of Dental Medicine	Philippines, Centro Escolar University	Radiography Instructor	Full-time
			Diploma in Accounting	Heald College		
Samantha	DeVlaeminck	MOT, COTA/L	Master of Occupational Therapy	Midwestern University	Occupational Therapy Assistant Instructor	Full-time
			Bachelor of General Studies	Texas Tech University		
Julie	Diaz	DHA, MEd., COTA/L	Doctorate of Healthcare Administration	Virginia University of Lynchburg	Occupational Therapy Assistant Program Director	Full-time
			Master of Education	American College of Education		
			Bachelor of Science	University of Phoenix		
			Associate of Arts	Loma Linda University		
Sara	Essary	LVT	Associates of Applied Science, Veterinary Technology	Pima Medical Institute	Veterinary Programs Clinical Director	Full-time
Jalyn	Fernandez	CPhT	Associate of Applied Science in Pharmacy Technology	Heald College	Pharmacy Technician Lead Instructor	Full-time

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Michael	Gannon	RN, Paramedic	Associate of Applied Science - Nursing	Las Vegas College	Paramedic Instructor	Part-time
Leasia	Green	NCMA	Associate of Applied Science - Healthcare Administration	Pima Medical Institute	Medical Assistant Instructor	Part-time
			Certificate in Medical Assisting	Pima Medical Institute		
Emma	Hallam	CPhT	Certificate in Pharmacy Technician	Carrington College	Pharmacy Technician Instructor	Part-time
Benjamin	Hartnell	Paramedic	Bachelor of Science - Emergency Medical Services	The University of Arizona	Paramedic Clinical Director	Full-time
			Associate of Science, EMS Paramedic	Arizona Western College		
Rachel	Henry	COTA/L	Associate of Applied Science, Occupational Therapy Assistant	College of Southern Nevada	Occupational Therapy Instructor	Part-time
Jessy	Hitchcock	VTA	Associates of Applied Science, Veterinary Technology	Pima Medical Institute	Veterinary Assistant Lab Assistant	Part-time
Chris	Hooshmand	RRT-NPS	Bachelor of Arts - Psychology	University of California, Irvine	Respiratory Therapy Director of Clinical Education	Full-time
			Associate of Applied Science in Respiratory Therapy	Pima Medical Institute		
Megan	Hyde	LVT	Associate of Applied Science in Respiratory Therapy	Bel-Rea Institute of Animal Technology	Veterinary Technician Instructor	Part-time
Latonia	Ismail	RT (R), ARRT	Bachelor of Arts in Criminal Justice	University of Nevada, Las Vegas	Radiography Clinical Director	Full-time
			Certificate in Radiologic Technology	University of Nevada, Las Vegas		
Alvin	Jackson		Bachelor of Science, Health Science	Benedictine University	Career Prep Instructor	Full-time
Tamra	Kankoski	RT (R), ARRT	Master of Business, Health Care Administration	South University	Radiography Program Director	Full-time

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
			Bachelor of Arts, Radiography	La Roche College		
			Associate of Science, Radiography	Penn State University		
Kaitlin	Kovar	LVT	Bachelor of Arts, English	Iowa State University of Science and Technology	Veterinary Technician Assistant and Veterinary Assistant Program Director	Full-time
			Associate of Applied Science, Veterinary Technology	Alfred State College of Technology		
Joshua	LoMonaco	RN, Paramedic	Bachelor of Science in Nursing	Grand Canyon University	Paramedic Instructor	Full-time
			Associate of Applied Science in Nursing	College of Southern Nevada		
			Diploma in EMS Education	Creighton University		
Elizabeth	Lozano	LVT	Associate of Applied Science in Veterinary Technician	Pima Medical Institute	Veterinary Assistant/Technician Instructor	Part-time
Crissandra	Marion	CCMA	Bachelor of Arts and Science in Psychology	Middle Tennessee State University	Medical Assistant Instructor	Part-time
			Associate of Arts and Sciences - Focus in Social Work	Nashville State Community College		
Edrick	Mata	COTA/L	Associate of Occupational Science in Occupational Therapy Assistant	Stanbridge University	Occupational Therapy Instructor	Part-time
Tiffany	Mate	RRT-NPS	Bachelor of Science in Health Science	Grand Canyon University	Respiratory Therapy Instructor	Full-time
			Associate of Science in Respiratory Care	Carrington College		
James	McGuinness	BA, CJ	Bachelor of Arts, Criminal Justice	University of Nevada, Las Vegas	Career Prep, General Education Instructor	Full-time

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Rachel	Niedfeldt	Paramedic	Bachelor or Science in Health Promotion and Education	University of Utah	Paramedic Clinical Director	Full-time
Mariah S.	Olivero-Chew	OTD, MOT, OTR/L, BCPR	Doctor of Occupational Therapy	University of Montana	Occupational Therapy Clinical Director	Full-time
			Master of Occupational Therapy	University of Pittsburgh		
			Bachelor of Arts	University of Washington, Seattle		
Trevor	Paul	Paramedic	Associate of Occupational Science in Paramedic	Pima Medical Institute	Paramedic Instructor	Part-time
Stacie	Peterson	Paramedic	Associates of Applied Sciences Paramedic Medicine	College of Southern Nevada	Emergency Medical Technician Instructor	Full-time
Dangielon	Reyes	DMD	Doctor of Dental Medicine	Philippines, Centro Escolar University	Dental Assistant Instructor	Part-time
Denise	Ridgell	RRT-NPS	Doctor of Business Administration	Columbia Southern University	Respiratory Therapy Program Director	Full-time
			Master of Business Administration	Columbia Southern University		
			Bachelor of Science in Respiratory Therapy	Pima Medical Institute		
			Associate of Occupational Science in Respiratory Therapy	Pima Medical Institute		
Lauren	Rolfe	DPT	Doctor of Physical Therapy	Georgia State University	Physical Therapist Assistant Program Director	Full-time
			Bachelor of Science General Biology	Reinhardt University		
Michael	Schafer	Paramedic	Bachelor of Science in Emergency Medical Service	The University of Arizona	Paramedic Instructor	Full-time
			Associates of Applied Sciences Paramedic Medicine	College of Southern Nevada		

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Quincy	Skeen	RRT-NPS	Master of Business Administration	Columbia Southern University	Respiratory Therapy Clinical Instructor	Full-time
			Bachelor of Science, Respiratory Therapy	Pima Medical Institute		
			Associate of Occupational Science, Respiratory Therapy	Pima Medical Institute		
Carolyn	Small	RRT-NPS	Bachelor of Science with Emphasis on Respiratory Care	Independence University	Respiratory Therapy Instructor	Part-time
			Certificate, Respiratory Technician	St. Paul Area Technical Vocational Institute		
Regina	Valencia	DMD	Doctor of Dental Medicine	Philippines, Centro Escolar University	Dental Assistant Lead Instructor	Full-time
Jimi	Vargas	Paramedic	Associate of Occupational Science in Paramedic	Pima Medical Institute	Paramedic Instructor (P.T.)	Part-time
Vanessa	Vicencio	RRT-NPS	Bachelor of Science in Respiratory Care	Boise State University	Respiratory Therapy Instructor	Full-time
			Associate of Science, Respiratory Care	Carrington College		
Omari	White	RRT-NPS	Bachelor of Arts - Communication	University of Nevada, Las Vegas	Respiratory Therapy Clinical Instructor	Full-time
			Associate of Science, Respiratory Care	Carrington College		
Petra	York	CMA	Bachelor of Science in Health Science in Professional Development and Advanced Patient Care	Grand Canyon University	Medical Assistant Lead Instructor	Full-time
			Associate of Applied Science - Medical Assisting Technology	El Paso Community College		
			Certificate - Medical Assisting	Western Technical Institute		

First Name	Last Name	Credentials	Certificate / Degree	School	Current Title	Employment Status
Ryan	Young	Paramedic	Bachelor of Science in Business Administration - Finance Respiratory Therapy	University of Nevada, Las Vegas	Paramedic Program Director	Full-time
			Associate of Business Degree	College of Southern Nevada		
			Emergency Medical Technician Paramedic	National College of Technical Instruction		
Lisa	Zontek	LVT	Associate of Science in Veterinary Technology	Medaille College	Veterinary Assistant Instructor	Part-time

Las Vegas Hours of Operation

Hours of Operation:	7:30 AM - 10:10 PM Monday through Thursday and 7:30 AM – 5:00 PM Friday
Class Schedule:	Morning Classes: 8:00 AM - 12:30 PM Monday through Friday
	Afternoon Classes: 1:00 PM - 5:20; Monday through Thursday
	Night Classes: 6:00 PM - 10:00 PM; Tuesday through Thursday; Hybrid (Dental Assistant 5:00PM-10:00 PM)
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

Las Vegas Scholarship Information

PMI Emergency Medical Technician (EMT) Graduate Scholarship
Pima Medical Institute is offering a scholarship opportunity for graduates of the PMI Las Vegas Emergency Medical Technician (EMT) who are looking to enroll into another program at PMI Las Vegas and who meet all institutional and programmatic admission requirements.

The scholarship provides a one-time award of the tuition paid for the EMT program toward tuition for students enrolling in an additional program at the Pima Medical Institute Las Vegas campus, excluding the Advanced Emergency Medical Technician (AEMT) program. Eligible programs include: Dental Assistant, Medical Assistant, Pharmacy Technician, Veterinary Assistant, Occupational Therapy Assistant, Paramedic, Physical Therapist Assistant, Radiography, Respiratory Therapy, Veterinary Technician. Recipients will be responsible for all other associated costs, including but not limited to textbooks and any applicable fees. Scholarship awards are limited, non-transferable, and subject to meeting all program admission and eligibility requirements.

This scholarship is available to first-time enrollees only. Students who withdraw, are administratively withdrawn, or are terminated from the program will forfeit the scholarship and will not be eligible to reapply or receive the scholarship in the future, even if they re-enroll. Pima Medical Institute reserves the right to modify or withdraw this scholarship at any time at its sole discretion.

Nevada Veterans Affairs Beneficiary Addendum

Addendum to the 2026-2027 Catalog published January 2026

In addition to the Credit for Previous Education policy on page 153 - 154, the following transfer credit amendment applies to Nevada Veterans Affairs beneficiaries:

VA beneficiaries are required to have their prior education and training evaluated. Credit granted for previous education is academic and financial. Financially, a Nevada student receiving VA benefits will receive a pro rata reduction in tuition based on the total number of credits for which transfer credit is granted.

In addition to the Satisfactory Academic progress policy on page 164, the following progress policy amendment applies to Nevada Veterans Affairs Beneficiaries:

Students in Non Term Based programs (certificate programs): Students must maintain a cumulative grade point average of 2.0 in their current program and must complete their program within one and one-half (1 ½) times the published length of the program measured in weeks. Students in non-term programs who have not maintained a minimum cumulative program GPA in a sequence are placed on Academic Progress Warning; a record that is kept by the institution and furnished to the student. Students who achieve a cumulative program GPA of 2.0 at the end of the payment period are removed from Academic Progress Warning. Students who do not achieve a cumulative program GPA of 2.0 in the subsequent payment period will be terminated.

Students in Term Based Programs (semester programs): Students must maintain a grade point average of 2.0 in their current program and must complete their program in one and one-half (1 ½) times the published length of the program measured in credits. Students are evaluated for satisfactory progress at the end of each semester. Students who have not maintained a 2.0 or greater cumulative GPA and completed 67% of their attempted credits are placed on Academic Progress Warning; a record that is kept by the institution and furnished to the student. Students who achieve a cumulative program GPA of 2.0 and complete 67% of their attempted credits in the subsequent semester are removed from Academic Progress Warning. Students who do not achieve a cumulative program GPA of 2.0 and complete 67% of their attempted credits in the subsequent semester will be terminated.

Students are monitored for academic progress at the end of their sequence or semester. For certificate programs, each sequence is seven (7) weeks or less; students are advised of their academic progress at the end of each sequence. For Associate and Bachelor Degree programs, except Veterinary Technician, students are advised of their academic progress at mid and end of semester; each semester is 15-17 weeks. For the Veterinary Technician program, students are advised of their academic progress at the end of each sequence.

PIMA MEDICAL INSTITUTE

Pima Medical Institute - Las Vegas
Tuition Price List
Effective July 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
Advanced Emergency Medical Technician (AEMT)	**$2,599.00**	1,638.00	150.00	381.00	165.00	265.00	45 hrs	$126.00	13/268	15	2/48
Dental Assistant (DEN)	**$18,940.00**	17,405.00	150.00	915.00	205.00	265.00	6	$590.00	29.5/720	30	5/240
Emergency Medical Technician (EMT)	**$2,504.00**	1,615.00	150.00	309.00	165.00	265.00	12 hrs	$170.00	9.5/192	15	0/12
Medical Assistant (MA)	**$18,459.00**	17,152.00	150.00	727.00	165.00	265.00	5	$536.00	32/800	35	4/200
Occupational Therapy Assistant (OTA)	**$45,965.00**	42,483.00	150.00	2,567.00	165.00	600.00	18	$578.00	73.5/1757	80	15.5/720
Paramedic (PAR) Associate of Occupational Science	**$23,730.00**	21,659.00	150.00	1,276.00	165.00	480.00	650 hrs	$358.00	60.5/1426.5	60	14/650
Pharmacy Technician (PHA)	**$18,358.00**	16,817.00	150.00	961.00	165.00	265.00	6	$502.00	33.5/840	36	5/240
Physical Therapist Assistant (PTA)	**$45,455.00**	41,700.00	150.00	2,840.00	165.00	600.00	16	$600.00	69.5/1631	75	13.5/640
Radiography (RAD)	**$55,083.00**	51,792.00	150.00	2,176.00	245.00	720.00	60	$624.00	83/2423	90	36/1680
Respiratory Therapy (RT)	**$54,608.00**	51,040.00	150.00	2,533.00	165.00	720.00	22	$580.00	88/2001	96	14.5/696
Veterinary Assistant (VTA)	**$18,823.00**	17,458.00	150.00	775.00	175.00	265.00	6	$602.00	29/720	30	5/240
Veterinary Technician (VTT)**	**$39,980.00**	36,410.00	150.00	2,415.00	380.00	625.00	13	$452.00	80.5/1820	77/86	10/465

*Includes Tax @ 8.375%

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

This total reflects the cost of the Veterinary Assistant Program (**29 credits at **$602** a credit hour) and the second part of the Veterinary Technician program (**51.5** credits at $ **368** a credit hour). The cost for the program has been evenly divided by **80.5** (total credits for both parts) for an average cost of approximately **$452** per credit.*

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.*

Mandatory Fees listed above include: Registration Fee, Technology Fee and Uniforms+.

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

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

Custom PMI Books are mandatory. Charges are subject to change. The Booklist Disclosure by Program list is located on the PMI Website at https://pmi.edu/support-services/resources/

+ Applicable charges for textbook or uniform fees may be reversed if the student owns or has use of a required item.

2026 Start Dates - Las Vegas Campus

Certificate Programs

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

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

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

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

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

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

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

2026 Start Dates - Las Vegas Campus

Certificate Programs cont.

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

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

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

Emergency Medical Technician (AM) - 15 Wks	Start Date	Grad Date
Ground	1/19/26	4/30/26
Sequence = 15Wks	5/11/26	8/20/26

2026 Start Dates - Las Vegas Campus

Degree Programs

Advanced Emergency Medical Technician (AM) - 15 Wks	Start Date	Grad Date
	1/20/26	4/27/26
Sequence = 15Wks	9/3/26	12/11/26

Occupational Therapy Assistant (AM) - 80 Wks	Sem Start	Sem End	End Date
	5/6/26	8/25/26	
	9/2/26	12/22/26	
5 Semesters	1/6/27	4/27/27	
Term / Sem = 16 Wks	5/5/27	8/24/27	
	9/1/27	12/21/27	12/21/27

Physical Therapist Assistant (AM) - 75 Wks	Sem Start	Sem End	End Date
5 Semesters			
Semester = 15 Wks			
No New PTA Starts for 2026			

Paramedic (AM) - 60 Wks	Sem Start	Sem End	End Date
	1/22/26	5/1/26	
4 Semester	5/14/26	8/21/26	
Sem = 15 Wks	9/3/26	12/11/26	
	1/7/27	4/16/27	4/16/27

Paramedic (AM) - 60 Wks	Sem Start	Sem End	End Date
	5/11/26	8/21/26	
4 Semester	8/31/26	12/11/26	
Sem = 15 Wks	12/21/26	4/16/27	
	4/26/27	8/6/27	8/6/27

2026 Start Dates - Las Vegas Campus

Degree Programs cont.

Radiography (AFT) - 90 Wks	Sem Start	Sem End	Sem Break
	3/4/26	6/16/26	1 wk
	6/24/26	10/6/26	1 wk
6 Semesters	10/14/26	2/9/27	1 wk
Term / Sem = 15 Wks	2/17/27	6/1/27	1 wk
	6/9/27	9/21/27	1 wk
	9/29/27	1/25/28	

Radiography (AFT) - 90 Wks	Sem Start	Sem End	Sem Break
	10/14/26	2/9/27	1 wk
	2/17/27	6/1/27	1 wk
6 Semesters	6/9/27	9/21/27	1 wk
Term / Sem = 15 Wks	9/29/27	1/25/28	1 wk
	2/2/28	5/16/28	1 wk
	5/24/28	9/5/28	

Respiratory Therapy (AM) - 85 Wks	Sem Start	Sem End	End Date
	11/11/26	3/16/27	
	3/24/27	7/13/27	
6 Semesters	7/21/27	11/9/27	
Term / Sem = 16 Wks	11/17/27	3/21/28	
	3/29/28	7/18/28	
	7/26/28	11/14/28	11/14/28

Respiratory Therapy (AFT) - 85 Wks	Sem Start	Sem End	End Date
	7/15/26	11/3/26	
	11/11/26	3/16/27	
6 Semesters	3/24/27	7/13/27	
Term / Sem = 16 Wks	7/21/27	11/9/27	
	11/17/27	3/21/28	
	3/29/28	7/18/28	7/18/28

Veterinary Technician (AM) - 47 Wks	Start Seq 1	Prof Seqs	Extern	End Date
	2/18/26	4/15/26	11/25/26	1/26/27
	4/15/26	6/10/26	2/3/27	3/23/27
5 Sequences	6/10/26	8/5/26	3/31/27	5/18/27
Sequence: 8 Wks	8/5/26	9/30/26	5/26/27	7/13/27
Extern/Seminar: 7 Wks	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

PIMA MEDICAL INSTITUTE

Addendum to the Common Catalog

Pima Medical Institute

2026-2027 Catalog published January 2026

Effective Dates: January 1, 2026-- December 31, 2027

Corporate leadership

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

Mission, History, and Leadership

Section	Catalog Pages	Current Catalog Statement	Action	New or Revised Catalog Statement
Disclosure	2	Pima Medical Institute reserves the right to change, without notice, any of the information published in this catalog. These changes will not affect currently enrolled students without prior written consent.	Update	Pima Medical Institute reserves the right to change any of the information published in this catalog. These changes will not affect currently enrolled students without prior written consent. Changes will be communicated through official addenda and effective dates. Where applicable, such changes are subject to approval by the appropriate licensing and/or accrediting bodies.

Definitions

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

Prospective Students

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

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

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

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

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

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

Campus Information

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

Campus	Catalog Pages	Current Catalog Statement	Action	New or Revised Catalog Statement
Renton, WA	14-15	Description of Facilities: The Renton Campus occupies approximately 25,000 square feet and is divided into 19 major instructional areas. Each area contains appropriate instructional equipment and furniture. The campus is accessible to students with disabilities. 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.
Chula Vista, CA	10	Veterinary Technician: The Veterinary Technician Program is accredited by the AVMA CVTEA as a program for educating veterinary technician	Updated	The Veterinary Technician Program at the Chula Vista campus was placed on probationary accreditation by the AVMA CVTEA. This change in classification is not an adverse decision, and graduates of programs classified as probationary accreditation are graduates of an AVMA CVTEA accredited program.

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

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

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

Financial Services

PIMA MEDICAL INSTITUTE

Section	Catalog Pages	Current Catalog Statement	Action	New or Revised Catalog Statement
Colorado Institutional Refund Policy	188	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	Updated	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

Financial Services

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

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

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

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

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

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

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

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

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

Student:Instructor Ratios

PIMA MEDICAL INSTITUTE

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

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

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

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



Computed Tomography (CT)

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

Graduates of this program receive a certificate.

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

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

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

Course Description

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

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

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

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

At a Glance

Program Type: Certificate

Delivery Method: Online

Semester Credits: 8.0

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

Campus Location



The Online programs are delivered from Tucson, AZ.

Emergency Medical Technician

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

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

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

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

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



At a Glance

Program Type: Certificate

Delivery Method: On-ground

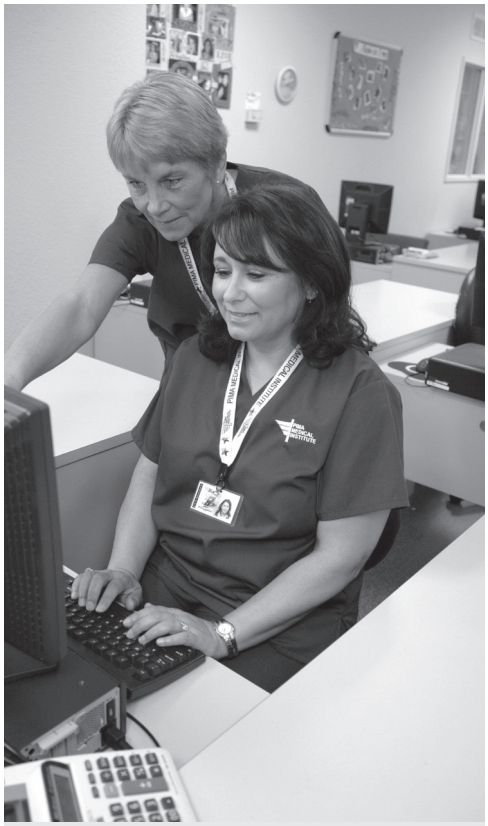
Semester Credits: 9.5

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

Campus Locations



NV: Las Vegas



Medical Administrative Assistant

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

Graduates of this program receive a certificate.

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

At a Glance

Program Type: Certificate

Delivery Method: Online

Semester Credits: 30.0

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

Campus Locations



The Online programs are delivered from Tucson, AZ.

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

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

Program Total	**390**	**120**		**30.0**

Medical Administrative Assistant • Course Descriptions

Semester I

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

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

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

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

Semester II

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

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

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

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

Pharmacy Technician

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

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

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

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



At a Glance

Program Type: Certificate

Delivery Method: On-ground or hybrid*

**See "Note" on Course Descriptions page*

Semester Credits: 33.5

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

Campus Locations



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

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

Pharmacy Technician • Course Descriptions

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

Career Prep Sequence

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

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

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

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

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

Professional Sequence I

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

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

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

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

Pharmacy Technician • Course Descriptions

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

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

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

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

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

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

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

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

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

Pharmacy Technician • Course Descriptions

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

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

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

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

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

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

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

Pharmacy Technician - Renton Campus

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

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

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

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



At a Glance

Program Type: Certificate

Delivery Method: Hybrid*

**See "Note" on Course Descriptions page*

Semester Credits: 34.5

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

Campus Locations



WA: Renton

Pharmacy Technician - Renton Campus • Course Descriptions

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

Career Prep Sequence

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

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

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

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

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

Professional Sequence I

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

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

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

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

Pharmacy Technician - Renton Campus• Course Descriptions

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

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

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

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

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

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

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

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

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

Pharmacy Technician - Renton Campus • Course Descriptions

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

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

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

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

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

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

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

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

Phlebotomy Technician

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

Graduates of this program receive a certificate.

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

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

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

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

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

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

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

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

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



At a Glance

Program Type: Certificate

Delivery Method: On-ground

Contact Hours: 300.0

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

Campus Locations



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



Practical Nursing

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

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

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

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

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

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

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

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

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

At a Glance

Program Type: Certificate

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

Semester Credits: 44.0

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

Campus Locations



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

Practical Nursing • Course Descriptions

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

Sequence I

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

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

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

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

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

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

Sequence II

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

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

Sequence III

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

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

Practical Nursing • Course Descriptions

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

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

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

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

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

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

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

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

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

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

Sterile Processing Technician

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

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

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

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

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

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

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

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

	Program Total	**345**	**155**	**400**	**35.5**



At a Glance

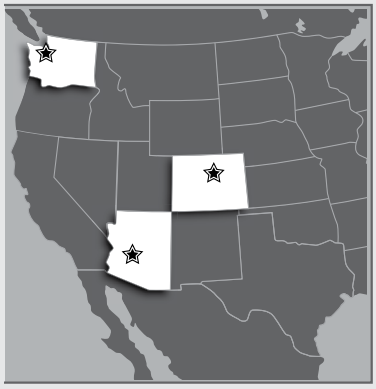
Program Type: Certificate

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

Semester Credits: 35.5

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

Campus Locations



AZ: Phoenix
CO: Denver
WA: Seattle

Sterile Processing Technician • Course Descriptions

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

Career Prep Sequence

CSK 100 Study Skills

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

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

Prerequisites: None

CAT 150 Anatomy, Physiology, and Terminology

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

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

Prerequisites: None

CCB 100 Computer Basics

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

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

Prerequisites: None

CMF 95 Math Fundamentals

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

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

Prerequisites: None

CHS 100 CPR and First Aid

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

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

Prerequisites: None

Professional Sequence I

CSP 100 Principles and Practices of Sterile Processing

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

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

Prerequisites: None

CSP 105 Surgical Instruments

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

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

Prerequisites: None

CSP 110 Microbiology and Infection Control

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

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

Prerequisites: None

Professional Sequence II

CSP 120 Sterilization Procedures and Practice

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

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

Prerequisites: None

Sterile Processing Technician • Course Descriptions

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

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

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

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

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

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



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

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

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

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

Arthur Zamora
Certificate, Sterile Processing Technician, Phoenix Campus



Dental Hygiene - Albuquerque Campus

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

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

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

At a Glance

Program Type: Associate Degree

Delivery Method: Hybrid

Semester Credits: 81.5

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

Campus Locations



NM: Albuquerque

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

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

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

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

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

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

Program Total	**930**	**255**	**510**	**81.5**

Dental Hygiene—Albuquerque Campus • Course Descriptions

Semester I

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

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

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

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

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

Semester II

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

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

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

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

Dental Hygiene—Albuquerque Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Albuquerque Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Albuquerque Campus • Course Descriptions

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

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

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

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



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

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

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

Tacey Leckwold
Associate Degree, Dental Hygiene, Albuquerque Campus

Dental Hygiene - Houston Campus

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

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

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

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

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

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

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

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

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



At a Glance

Program Type: Associate Degree

Delivery Method: Hybrid

Semester Credits: 83.0

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

Campus Locations



TX: Houston

Dental Hygiene—Houston Campus • Course Descriptions

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

Semester I

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

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

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

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

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

Semester II

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

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

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

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

Dental Hygiene—Houston Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Houston Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Houston Campus • Course Descriptions

Semester VI

RDH 253 Community and Public Dental Health II

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

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

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

RDH 241 Dental Hygiene IV

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

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

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

RDH 246 Clinical Dental Hygiene IV

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

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

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

RDH 226 Review of Dental Hygiene

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

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

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

RDH 291 Principles of Dental Hygiene Practice

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

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

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



Dental Hygiene - Seattle Campus

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

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

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

At a Glance

Program Type: Associate Degree

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

Semester Credits:
Seattle: 90.0

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

Campus Locations



WA: Seattle

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

Dental Hygiene—Seattle Campus • Course Descriptions

Semester I

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

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

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

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

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

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

Semester II

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

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

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

Dental Hygiene—Seattle Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Seattle Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Seattle Campus • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene—Seattle Campus • Course Descriptions

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

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



Dental Hygiene

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

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

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

At a Glance

Program Type: Associate Degree

Delivery Method: Hybrid

Quarter Credits: 121.5

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

Campus Locations



AZ: Phoenix
TX: San Antonio

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

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

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

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

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

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

Program Total	**962**	**156**	**588**	**121.5**

Dental Hygiene • Course Descriptions

Quarter I

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

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

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

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

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

Quarter II

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

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

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

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

Dental Hygiene • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene • Course Descriptions

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

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

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

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

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

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

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

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

Dental Hygiene • Course Descriptions

Quarter VI

DHYG 2110 Community & Public Dental Health II

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

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

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

DHYG 2130 Review of Dental Hygiene

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

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

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

DHYG 2220 Dental Hygiene IV

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

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

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

DHYG 2230 Clinical Dental Hygiene IV

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

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

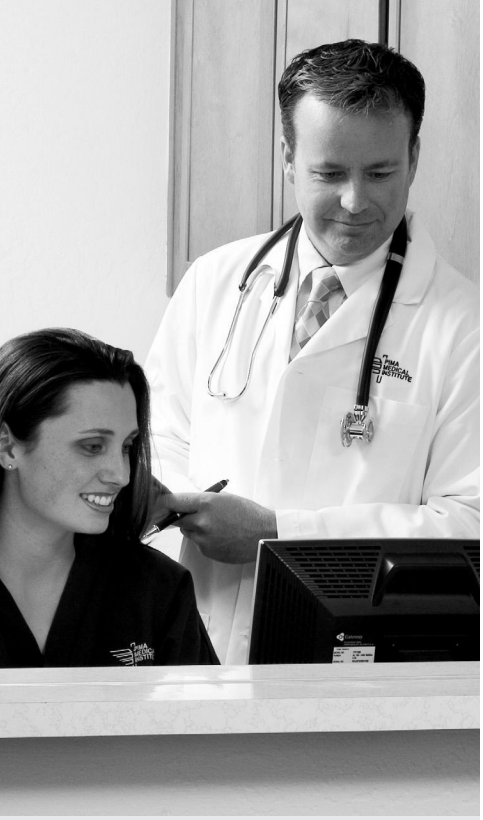
Prerequisites: Quarter I, II, III, IV, & V courses

DHYG 2120 Principles of Dental Hygiene Practice

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

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

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



Health Care Administration

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

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

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

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

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

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

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

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

Program Total	**900**	**30**		**61.0**

At a Glance

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

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

Campus Locations



AZ: Phoenix, Tucson
NM: Albuquerque

Health Care Administration • Course Descriptions

Semester I

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

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

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

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

Semester II

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

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

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

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

Health Care Administration • Course Descriptions

Semester III

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

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

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

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

Semester IV

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

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

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

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

Semester V

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

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

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

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

Medical Laboratory Technician

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

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

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

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

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

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

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

Semester V					
Course #	**Course**	**Theory**	**Lab**	**Extern**	**Credits**
MLT 205	Medical Laboratory Review	30	60		4.0
MLT 210	Externship			400	8.5
	Semester V Total	**30**	**60**	**400**	**12.5**

Program Total	**615**	**465**	**400**	**65.0**



At a Glance

Program Type: Associate Degree

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

Semester Credits: 65.0

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

Campus Locations



CO: Colorado Springs

Medical Laboratory Technician • Course Descriptions

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

Semester I

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

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

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

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

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

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

Semester II

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

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

Medical Laboratory Technician • Course Descriptions

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

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

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

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

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

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

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

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

Medical Laboratory Technician • Course Descriptions

Semester IV

CMS 101 Career Marketing Strategies

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

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

Prerequisites: Semesters I, II, and III courses

MLT 133 Hematology II

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

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

Prerequisites: Semesters I, II, and III courses

MLT 171 Urinalysis and Body Fluids

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

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

Prerequisites: Semesters I, II, and III courses

MLT 182 Hemostasis and Coagulation

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

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

Prerequisites: Semesters I, II, and III courses

MLT 201 Immunohematology and Blood Banking

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

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

Prerequisites: Semesters I, II, and III courses

Semester V

MLT 205 Medical Laboratory Review

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

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

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

MLT 210 Externship

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

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

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

Occupational Therapy Assistant

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

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

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

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

***Represents the Las Vegas Campus.**

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



At a Glance

Program Type: Associate Degree

Delivery Method: On-ground or hybrid*

**See "Note" on Course Descriptions page*

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

Program Length	Total
Program Hours	1,712 1,757*
Program Weeks	80
Program Semesters (16 weeks per semester)	5

* Las Vegas campus.

Campus Locations



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

Occupational Therapy Assistant • Course Descriptions

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

Semester I

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

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

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

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

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

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

Semester II

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

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

Occupational Therapy Assistant • Course Descriptions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



Radiography

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

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

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

At a Glance

Program Type: Associate Degree

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

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

Program Length	Total
Program Hours	2,378 2,423*
Program Weeks	90
Program Semesters (15 weeks per semester)	6

*Las Vegas Campus

Campus Locations



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

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

*Represents the Las Vegas Campus.

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

Radiography • Course Descriptions

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

Semester I

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

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

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

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

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

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

Semester II

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

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

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

Radiography • Course Descriptions

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

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

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

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

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

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

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

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

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

Radiography • Course Descriptions

Semester V

RAD 285 Pathology II

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

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

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

RAD 295 Image Quality and Analysis

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

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

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

RAD 203 Clinical Externship III

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

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

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

Semester VI

RAD 299 Registry Review

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

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

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

RAD 204 Clinical Externship IV

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

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

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



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

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

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

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

Respiratory Therapy

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

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

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

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

* Represents the Las Vegas Campus.

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



At a Glance

Program Type: Associate Degree

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

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

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

*Las Vegas Campus

Campus Locations



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

Respiratory Therapy • Course Descriptions

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

Semester I

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

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

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

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

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

Semester II

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

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

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

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

Respiratory Therapy • Course Descriptions

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

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

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

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

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

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

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

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

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

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

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

Respiratory Therapy • Course Descriptions

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

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

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

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

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

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

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

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

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



Surgical Technology

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

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

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

At a Glance

Program Type: Associate's Degree

Delivery Method: On-ground or hybrid*

**See "Note" on Course Descriptions page*

Semester Credits: 70.0

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

Campus Locations



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

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

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

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

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

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

Program Total	**708**	**360**	**504**	**70.0**

Surgical Technology • Course Descriptions

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

Semester I

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

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

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

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

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

Semester II

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

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

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

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

Surgical Technology • Course Descriptions

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

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

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

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

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

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

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

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

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

Surgical Technology • Course Descriptions

Semester V

SUR 265 Certification Preparation

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

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

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

SUR 275 Clinical Practicum

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

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

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

Veterinary Technician—El Paso Campus

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

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

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

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



At a Glance

Program Type: Associate Degree

Delivery Method: On-ground

Semester Credits: 75.5

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

Campus Locations



TX: El Paso

Veterinary Technician—El Paso • Course Descriptions

Semester I

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

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

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

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

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

Semester II

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

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

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

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

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

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

Veterinary Technician—El Paso • Course Descriptions

Semester III

CCM 111 Communications

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

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

Prerequisites: Semesters I and II courses

MTH 129 Math Applications

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

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

Prerequisites: Semesters I and II courses

PSY 102 Introduction to Psychology

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

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

Prerequisites: Semesters I and II courses

SCI 120 Foundations in Biology and Chemistry

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

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

Prerequisites: Semesters I and II courses

VTT 176 Introduction to Veterinary Technology

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

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

Prerequisites: Semesters I and II courses

VTT 242 Dentistry Techniques

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

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

Prerequisites: Semesters I and II courses

Semester IV

VTT 222 Food and Fiber Animal

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

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

Prerequisites: Semesters I, II, and III courses

VTT 224 Diagnostic Imaging for Veterinary Technicians

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

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

Prerequisites: Semesters I, II, and III courses

VTT 226 Small Animal Nursing

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

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

Prerequisites: Semesters I, II, and III courses

VTT 232 Laboratory Animal Science

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

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

Prerequisites: Semesters I, II, and III courses

Veterinary Technician—El Paso • Course Descriptions

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

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

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

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

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

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

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

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

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

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

Veterinary Technician

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

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

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

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



At a Glance

Program Type: Associate Degree

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

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

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

*Las Vegas Campus

Campus Locations



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

Veterinary Technician • Course Descriptions

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

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

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

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

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

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

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

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

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

Veterinary Technician • Course Descriptions

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

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

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

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

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

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

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

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

Veterinary Technician • Course Descriptions

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

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

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

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

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



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

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

Joanna Horne
Associate Degree, Veterinary Technician, Seattle Campus

Bachelor of Science in Radiologic Sciences

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

Graduates of this program receive a Bachelor of Science Degree.

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

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

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

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

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

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



At a Glance

Program Type: Bachelor's Degree

Delivery Method: Online

Semester Credits: 120.0
(includes 70 transfer credits)

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

Campus Locations



The Online programs are delivered from Tucson, AZ.

Bachelor of Science in Radiologic Sciences • Course Descriptions

Semester I

ENG 320 Advanced College Writing

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

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

Prerequisites: None

CPT 301 Microcomputer Applications

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

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

Prerequisites: None

BUS 220 Health Care Management

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

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

Prerequisites: None

SPA 210 Spanish for the Medical Professional

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

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

Prerequisites: None

Semester II

MTH 315 Statistical Concepts

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

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

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

PHI 301 Critical Thinking

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

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

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

RSH 350 Introduction to Evidence-Based Practice

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

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

Prerequisite or Corequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and MTH 315 Statistical Concepts

HCA 310 Health Care Law and Compliance

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

Health care law and compliance is important because of its financial and emotional impact on health care professionals, patients, and health care facilities. This course focuses on legal and compliance issues that directly affect employer and employee. Content provides guidance on risk management techniques and reporting that can help mitigate noncompliance.

Prerequisites: None

Semester III

RA 411 Advanced Sectional Anatomy

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

This course provides a detailed overview of human sectional anatomy in the axial, sagittal, coronal, and oblique planes. Successful completion of this course will assist the imaging professional in understanding the physical relationship of internal structures, as well as identifying anatomy as it is commonly displayed through computed tomography (CT) and magnetic resonance imaging (MRI).

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

Bachelor of Science in Radiologic Sciences • Course Descriptions

RA 403 Advanced Modalities
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides a broad foundation for practical knowledge and understanding of advanced imaging modalities, including computed tomography, magnetic resonance, nuclear medicine, sonography, interventional radiography, radiation oncology, PACS, and bone densitometry. General functions, applications, and safety concerns of these modalities are emphasized. Trends and advances in imaging technology are discussed.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RA 350 Advanced Patient Assessment and Treatment
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
As the role of the medical imaging professional continues to expand, more knowledge is needed in all areas. Patient care is no exception. Advanced patient care skills are essential elements of providing high quality patient care. This course focuses on patient education, assessment, communication, preprocedural and postprocedural care, and proper charting and documentation. Technologists' responsibilities and intervention in cases of critical patient need will be discussed.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RA 450 Management in Medical Imaging
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course is designed for radiologic science professionals with a desire to lead medical imaging departments. Emphasis on operational efficiency, transformative strategies, and quality patient care equips learners with the knowledge and skills to navigate the challenges and opportunities of emerging technologies, innovation, and resource management, contributing to the overall success of the department and health care facility.
Prerequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and BUS 220 Health Care Management

EDU 450 Education Foundations
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides learners with an understanding of educational theory and concepts in the context of teaching within the allied health field. Exploration of various adult learning theories and applications in content design, instructional methods, and assessment prepares allied health professionals to elevate their teaching skills in diverse settings including patient and community education, staff development, clinical education, and academics. Learning to create engaging and effective learning experiences is accomplished through discussion, research, projects, and real-world applications.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

Semester IV
HCA 430 Patient Information and Management
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
Patient information management is important because of the integral role a health care professional has within the team. It is essential for the health care professional to provide all members of the team with a thorough patient record to ensure quality patient care.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

HCA 470 Quality Management
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides the student with a solid foundation in quality management and teamwork within the health care environment. Quality management is important to ensure the proper functioning of equipment and compliance with various standards. Health care professionals should have an understanding of the activities and their role in leading the quality management process.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

HLT 410 Pathophysiology
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
A rich appreciation of the characteristics and manifestations of diseases caused by alterations or injury to the structure or function of the body are essential to the health care professional. The in-depth study of pathophysiology allows the professional to communicate better with other health care professionals, including physicians and scientists, as well as with the patient, for the history and physical assessment.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RA 490 Professional Capstone
Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0
This is a capstone course focusing on the synthesis of professional knowledge and critical thinking skills in preparation for professional advancement and lifelong learning. This course provides students with an opportunity to identify and develop research skills necessary to create a solution for an existing health care issue. The course content is geared to increase and disseminate intellectual inquiry, information literacy, and the use of scholarly research methods.
Prerequisites: Semesters I, II, and III courses



Bachelor of Science in Respiratory Therapy

Objective: To offer the highest quality education that fosters critical thinking, encourages professional leadership and development, and inspires a strong appreciation of ethical values and cultural diversity. A respiratory therapist entering the program will acquire the skills and knowledge above what is typically attained at the associate degree level. Graduates of entry into the respiratory care professional practice degree programs will gain additional knowledge, skills, and attributes in leadership, management, education, research, and/or advanced clinical practice that will enable them to meet their current professional goals and prepare them for practice as advanced degree respiratory therapists.

Graduates of this program receive a Bachelor of Science Degree.

Admissions Requirements: Admissions Requirements: Applicants to this degree completion program must have graduated from a CoARC-accredited Entry into Respiratory Care Professional Practice degree program and be a registered respiratory therapist (RRT) by the National Board for Respiratory Care (NBRC) prior to admission. Admission to the program requires that an applicant possess a high school diploma or recognized equivalency and have completed a total of 71 semester credits of specific coursework at the postsecondary level. The 71 transfer credits shall consist of 15 general education, 44 respiratory therapy technical, and 12 related credits. Transfer credits into this program must meet the following conditions: awarded by a nationally or regionally accredited institution; grade of "C" or better; and numbered 100 and above. General education transfer credits are required to be from a broad sampling of various educational experiences including arts and humanities, business, information systems, social sciences, or natural sciences. See additional Admissions and Transfer Credit requirements in the Prospective Students section of this catalog.

Transfer Credit Requirements					
Course #	**Course**	**Theory**	**Lab**	**Extern**	**Credits**
Transfer of Credit (15 general education, 44 respiratory therapy, 12 related credits)					71.0
	Transfer Total				**71.0**

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

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

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

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

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

At a Glance

Program Type: Bachelor's Degree

Delivery Method: Online

Semester Credits: 120.0
(includes 71 transfer credits)

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

Campus Locations



The Online programs are delivered from Tucson, AZ.

Bachelor of Science in Respiratory Therapy • Course Descriptions

Semester I

ENG 320 Advanced College Writing

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

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

Prerequisites: None

CPT 301 Microcomputer Applications

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

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

Prerequisites: None

BUS 220 Health Care Management

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

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

Prerequisites: None

SPA 210 Spanish for the Medical Professional

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

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

Prerequisites: None

Semester II

MTH 315 Statistical Concepts

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

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

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

PHI 301 Critical Thinking

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

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

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

RSH 350 Introduction to Evidence-Based Practice

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

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

Prerequisite or Corequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and MTH 315 Statistical Concepts

HCA 310 Health Care Law and Compliance 3

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

Health care law and compliance is important because of its financial and emotional impact on health care professionals, patients, and health care facilities. This course focuses on legal and compliance issues that directly affect employer and employee. Content provides guidance on risk management techniques and reporting that can help mitigate noncompliance.

Prerequisites: None

Semester III

HCA 460 Public Health

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

This course provides an overview of the field of public health, with an emphasis on the role of public health agencies in resolving community health problems. Students will examine social, political, economic, geographic, demographic, and physiological factors affecting health care status of communities and individuals.

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

RES 325 Polysomnography
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course is a study of the clinical and technical aspects of polysomnography. Topics address normal and abnormal sleep physiology and sleep disorders. Students learn the basics of polysomnography, including instrumentation and recording technology, methodology, and the inner workings of a sleep laboratory. The course also addresses patient-technologist interaction and administrative and safety issues.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RES 440 Home Health
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course is an introduction to home health and its specific issues. Topics include discharge planning, case management, reimbursement and Medicare. Students will be introduced to outcome-based home care and disease management.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RES 450 Leadership in Respiratory Care
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course will equip respiratory care practitioners with a comprehensive understanding of current principles and practices of leading a respiratory care department. The course addresses the unique challenges and responsibilities associated with managing resources, efficient workflows, and integrating technology innovations in respiratory care. In the application of leadership principles, learners acquire the ability to navigate legal, ethical, and accreditation considerations in the administration of a respiratory care department.
Prerequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications, and BUS 220 Health Care Management

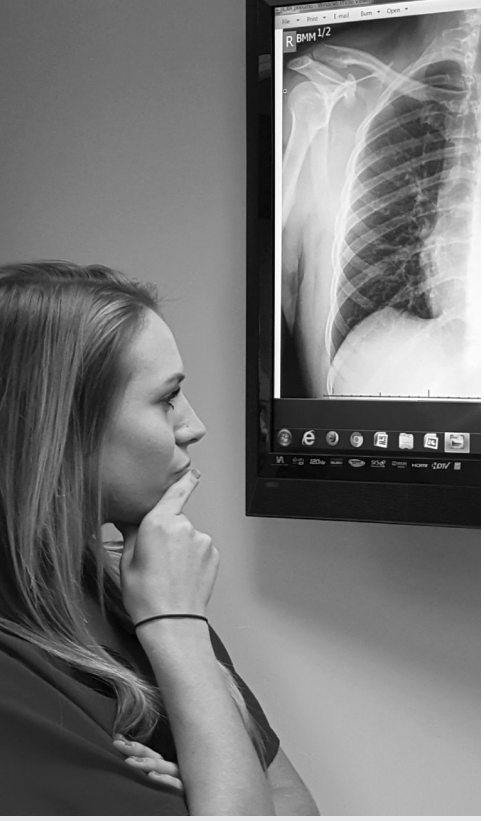
EDU 450 Education Foundations
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides learners with an understanding of educational theory and concepts in the context of teaching within the allied health field. Exploration of various adult learning theories and applications in content design, instructional methods, and assessment prepares allied health professionals to elevate their teaching skills in diverse settings including patient and community education, staff development, clinical education, and academics. Learning to create engaging and effective learning experiences is accomplished through discussion, research, projects, and real-world applications.
Prerequisites: ENG 320 Advanced College Writing, CPT 301 Microcomputer Applications

Semester IV
HCA 430 Patient Information and Management
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
Patient information management is important because of the integral role a health care professional has within the team. It is essential for the health care professional to provide all members of the team with a thorough patient record to ensure quality patient care.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

HCA 470 Quality Management
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides the student with a solid foundation in quality management and teamwork within the health care environment. Quality management is important to ensure the proper functioning of equipment and compliance with various standards. Health care professionals should have an understanding of the activities and their role in leading the quality management process.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RES 420 Disease Management and Wellness Promotion
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course is designed for respiratory care professionals seeking to elevate their skills and knowledge in a specialized role of disease management. The course focuses on strategies for chronic disease management and wellness promotion, including patient education and counseling, adapting interventions across the lifespan using evidence-based research, and fostering a collaborative approach to managing chronic conditions and promoting healthy lifestyles. The course prepares learners to navigate the challenges and opportunities of disease management in the evolving landscape of respiratory health care.
Prerequisites: ENG 320 Advanced College Writing and CPT 301 Microcomputer Applications

RES 490 Professional Capstone
Total Course Hours: 60 (60 Theory, 0 Lab, 0 Extern) Semester Credits: 4.0
This is a capstone course focusing on the synthesis of professional knowledge and critical thinking skills in preparation for professional advancement and lifelong learning. This course provides students with an opportunity to identify and develop research skills necessary to create a solution for an existing health care issue. The course content is geared to increase and disseminate intellectual inquiry, information literacy, and the use of scholarly research methods.
Prerequisites: Semesters I, II, and III courses



Radiography—Bridge

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

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

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

Transfer Credit			
	Theory	Extern	Credits
Transfer of Credit (1 medical terminology, 34.5 clinical experience credits)			35.5
Transfer Total			**35.5**

Semester I				
Course #	**Course**	**Theory**	**Extern**	**Credits**
CCM 112	*Communications*	*45*		*3.0*
PSY 140	*Interpersonal Relations*	*30*		*2.0*
MTH 210	*Math Applications*	*45*		*3.0*
BIO 134	*Anatomy and Physiology I*	*60*		*4.0*
	Semester I Total	**180**		**12.0**

Semester II				
Course #	**Course**	**Theory**	**Extern**	**Credits**
RAD 112	Positioning I	45		3.0
BIO 144	*Anatomy and Physiology II*	*60*		*4.0*
RAD 122	Positioning II	45		3.0
CLE 112	*Medical Law and Ethics*	*30*		*2.0*
	Semester II Total	**180**		**12.0**

Semester III				
Course #	**Course**	**Theory**	**Extern**	**Credits**
RAD 132	Positioning III	45		3.0
RAD 134	Methods of Patient Care	45		3.0
RAD 128	Physics	45		3.0
RAD 212	Advanced Radiographic Imaging and Special Procedures	45		3.0
	Semester III Total	**180**		**12.0**

Semester IV				
Course #	**Course**	**Theory**	**Extern**	**Credits**
RAD 138	Principles of Exposure	45		3.0
RAD 238	Pathology	45		3.0
RAD 232	Radiography II	45		3.0
RAD 142	Radiographic Biology	45		3.0
	Semester IV Total	**180**		**12.0**

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

Transfer Courses Total	**15**	**1,599**	**35.5**
Program Total	**825**	**1,851**	**95.0**

At a Glance

Program Type: Associate Degree

Delivery Method: Online

Semester Credits: 95.0

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

Campus Locations



The Online programs are delivered from Tucson, AZ.

Radiography—Bridge • Course Descriptions

Semester I

CCM 112 Communications

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

This course introduces foundational concepts of human communication and enables students to develop their awareness and effectiveness as communicators in social, professional, and interpersonal situations. Students explore verbal and nonverbal communication, communication styles, speaking and listening skills, and cultural factors that influence communication. Basic internet research skills, source citation, and effective interpretation of information are also addressed.

Prerequisites: None

PSY 140 Interpersonal Relations

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

This course explores the psychological nature of humans and their interactions. Students will gain an understanding of basic psychological concepts as well as an awareness of self and how these elements provide a foundation for the interaction of the individual within the social and health care environments. Topics include but are not limited to perception, adaptation, communication, group processes, and the impact of health on behavior.

Prerequisites: None

MTH 210 Math Applications

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

This course provides the student with the fundamentals of college algebra. Mathematical operations covered include fractions, decimals, algebraic equations, basic statistics, word problems, and graphing.

Prerequisites: None

BIO 134 Anatomy and Physiology I

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

The objective of this course is to provide the student with knowledge of the structure and function of the human body. Cells and tissues will be described, and organs will be discussed as components of their respective systems. Course content includes the structures and functions of the integumentary and musculoskeletal systems.

Prerequisites: None

Semester II

RAD 112 Positioning I

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

This course covers basic terminology, anatomy, and radiographic procedures.

Prerequisites: BIO 134 Anatomy and Physiology I

BIO 144 Anatomy and Physiology II

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

A continuation of BIO 134, this course content includes the structure and function of the endocrine, nervous, cardiovascular (including blood, heart, blood vessels, and circulation), lymphatic, respiratory, digestive, urinary, and reproductive systems.

Prerequisites: BIO 134 Anatomy and Physiology I

RAD 122 Positioning II

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

This course is a continuation of RAD 112 and covers basic terminology, anatomy, and radiographic procedures.

Prerequisites: RAD 112 Positioning I, BIO 134 and BIO 144 (Anatomy and Physiology I and II)

CLE 112 Medical Law and Ethics

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

Students are provided an overview of ethics and the law as they apply to medical professions and practice. Topics include scope of practice, legal issues, ethical considerations, patient rights, informed consent, standards of care, documentation, and workplace issues, including employment discrimination.

Prerequisites: None

Semester III

RAD 132 Positioning III

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

This course is a continuation of RAD 112 and RAD 122 and covers basic terminology, anatomy, and radiographic procedures. Students learn advanced positioning skills for age-specific populations.

Prerequisites: RAD 112 Positioning I, RAD 122 Positioning II, BIO 134 and BIO 144 (Anatomy and Physiology I and II)

Radiography—Bridge • Course Descriptions

RAD 134 Methods of Patient Care
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
Students are instructed in basic patient care skills as they apply to radiologic technology. Emphasis is placed on safety, infection control, aseptic techniques, administration of contrast media, venipuncture, pharmacology, patient assessment, care of the critical patient and emergency care, and the care of tubes, catheters and vascular lines. In California, this course will provide the education and training for venipuncture certification.
Prerequisites: None

RAD 128 Physics
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides an in-depth analysis of radiologic physics. Some of the topics and principles covered include atomic structure, electricity, electromagnetism, equipment operation and maintenance, x-ray production, and x-ray interactions.
Prerequisites: MTH 210 Math Applications

RAD 212 Advanced Radiographic Imaging and Special Procedures
Total Course Hours: 30 (30 Theory, 0 Lab, 0 Extern) Semester Credits: 2.0
This course presents radiography skills and equipment used in various imaging procedures and advanced modalities. Topics include but are not limited to cardiovascular and interventional radiography, computed tomography imaging, magnetic resonance imaging, mammography, bone densitometry, ultrasound, nuclear medicine and radiation oncology.
Prerequisites: Semesters I, II, and RAD132 Positioning III

Semester IV
RAD 138 Principles of Exposure
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course covers the factors that affect the diagnostic quality of radiographic images. Topics covered include image acquisition, digital imaging systems, image processing, beam limitation, grids, contrast, receptor exposure, spatial resolution, and structural considerations.
Prerequisites: RAD 128 Physics, RAD 112 Positioning I

RAD 238 Pathology
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides an overview of radiographic pathology. Topics cover pathologies of the following body systems: musculoskeletal, respiratory, gastrointestinal, hepatobiliary, urinary, hematopoietic, cardiovascular, nervous, endocrine, and reproductive systems. Traumatic injuries are also addressed.
Prerequisites: Semesters I, II, and III courses

RAD 232 Radiography II
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course builds upon the foundations of classroom theory and practical experience in the field in the critique of radiographic image quality, with an emphasis on image analysis.
Prerequisites: RAD 128 Physics, RAD 112 Positioning I, RAD 122 Positioning II, and RAD 132 Positioning III

RAD 142 Radiographic Biology
Total Course Hours: 45 (45 Theory, 0 Lab, 0 Extern) Semester Credits: 3.0
This course provides the student with instruction on x-ray interactions with matter, radiation effects on the molecular and cellular levels, acute and long-term radiation responses, and radiation protection principles.
Prerequisites: RAD 128 Physics, BIO 134 and BIO144 (Anatomy and Physiology I and II)

Semester V
RAD 248 Radiography III
Total Course Hours: 90 (90 Theory, 0 Lab, 0 Extern) Semester Credits: 6.0
This course is designed to prepare the student for examination for certification by the American Registry of Radiologic Technologists (ARRT).
Prerequisites: Semesters I, II, III, and IV courses; Co-requisite: RAD 256 Clinical Externship IV

RAD 256 Clinical Externship IV
Total Course Hours: 252 (0 Theory, 0 Lab, 252 Extern) Semester Credits: 5.5
This course provides the student with clinical experience under the supervision of clinical staff and faculty. Students will develop clinical competence by performing a variety of radiographic procedures on a diverse patient population. Student learning and competence will be determined in part through frequent critique and evaluation, as well as specific formative and summative assessment tools. Students are expected to demonstrate the clinical skill and competence as required of an entry-level radiographer.
Prerequisites: Semesters I, II, III, and IV courses; Co-requisite: RAD 248 Radiography III

Licensure Determination Disclosure
Certificate Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has made a reasonable effort to determine graduate eligibility for licensure in all states/territories for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states/territories where the curriculum meets licensure requirements and states/territories where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Advanced Emergency Medical Technician		Nevada	Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	Applicants to this program must be physically located in the state of Nevada. Applicants located outside of Nevada will not be eligible for admission to the AEMT program. 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. Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements can be found below: https://pmi.edu/wp-content/uploads/2025/11/State-Licensing-Board-Contact-Info-AEMT-Program.pdf
Dental Assistant	Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, US Virgin Islands, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming	California *(Chula Vista and San Marcos Programs ONLY)*, District of Columbia (Level I), Guam, N. Mariana Islands, Tennessee, Washington	California*, Iowa, Massachusetts, Montana**, New York, American Samoa, Puerto Rico	*Graduates from DA programs at the following campuses are not eligible for licensure in the state of California: Mesa, Phoenix, Tucson, Aurora, Colorado Springs, Denver, Las Vegas, Albuquerque, El Paso, Houston, San Antonio, Renton, and Seattle ** *The State of Montana does not have licensure requirements for this profession; however, regulations prohibit hiring of non-CODA* ***(Commission on Dental Accreditation)*** *trained Dental Assistants.* Contact information for State/Territory Licensing Boards in which the PMI program Does Not Meet licensure requirements or Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_DA.pdf

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Emergency Medical Technician		Nevada	Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	Applicants to this program must be physically located in the state of Nevada. Applicants located outside of Nevada will not be eligible for admission to the EMT program. 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. Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2025/05/State-Licensing-Board-Contact-Information_EMT.pdf
Medical Assistant	Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Puerto Rico, Rhode Island, South Carolina, Tennessee, Texas, US Virgin Islands, Utah, Vermont, Virginia, West Virginia, West Virginia, Wisconsin, Wyoming	South Dakota, Washington	American Samoa, N. Mariana Islands	Contact information for Licensing Boards of states/territories that PMI has been Unable to Make a Licensure Determination can be found at https://pmi.edu/wp-content/uploads/2022/03/Licensing-Board-Contact-Info_MA.pdf
Medical Billing and Coding	Licensure not required			

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Pharmacy Technician	Hawaii, Maine, Missouri, Pennsylvania, South Carolina	Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Michigan, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Oregon, Rhode Island, South Dakota, Tennessee, Texas, Vermont, Virginia, **Washington^**, Wyoming, Puerto Rico, Guam	Alabama, District of Columbia, Massachusetts+, North Dakota+, Ohio+, Oklahoma, Utah+, Washington^, West Virginia+, Wisconsin, American Samoa, N. Mariana Islands, US Virgin Islands	+State licensure/registration is required – applicants for licensure must have graduated from an ASHP-Accredited program – only graduates from the Las Vegas program meet these requirements. ^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. Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_RXT-1.pdf
Phlebotomy Technician	Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, West Virginia, Wisconsin, Wyoming	California* *(San Marcos Program ONLY)*, Nevada, Washington	California*, Louisiana, American Samoa, District of Columbia, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*California requires completion of a state-approved Phlebotomy Training Program to obtain licensure/certification in the state. Only graduates from the San Marcos program are eligible. Graduates from the East Valley, Phoenix, Tucson, El Paso, Houston, San Antonio, and Renton programs are not eligible for licensure/certification in the state of California. Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Information_PHLB.pdf

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Sterile Processing Technician	Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming	Connecticut, New Jersey, New York, Tennessee	American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	Graduates of this program are eligible to take the CRCST Credentialing Examination. Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements/Undetermined can be found at https://pmi.edu/wp-content/uploads/2022/03/State-Licensing-Board-Contact-Information_SPT.pdf
Veterinary Assistant	Licensure not required			

State Licensure Determination Disclosure
Associate Degree Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has made a reasonable effort to determine graduate eligibility for licensure in all states/territories for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states/territories where the curriculum meets licensure requirements and states/territories where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Dental Hygiene		All States/Territories		Graduates of CODA Accredited programs are eligible to apply to take the National Board Dental Hygiene Examination and other board examinations as required for state licensure.
Diagnostic Medical Sonography	Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington DC, West Virginia, Wisconsin, Wyoming, US Virgin Islands	New Hampshire, New Mexico, North Dakota, Oregon	American Samoa, Guam, N. Mariana Islands, Puerto Rico	Graduates of PMI DMS programs may be eligible to apply for the American Registry of Diagnostic Medical Sonography (ARDMS) board examination through one of the available pathways. Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: https://pmi.edu/wp-content/uploads/2022/08/State-Licensing-Board-Contact-Info-DMS.pdf
Medical Laboratory Technician		Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, West Virginia, Wisconsin, Wyoming	California, New York, North Dakota, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-MLT-1.pdf

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Occupational Therapy Assistant		All States/Territories		Graduates of the OTA program are eligible to apply to take the National Certification Examination for Occupational Therapy Assistant (COTA) administered by the National Board for Certification in Occupational Therapy (NBCOT).
Paramedic		Arizona*, Nevada* Alabama, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington DC, West Virginia, Wisconsin, Wyoming	Alaska, New York, Oregon, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*The Paramedic program is a hybrid program offered at the Las Vegas campuses and available to residents of Nevada, and meets requirements for licensure and employment in Nevada. While there are online components, this program requires on-ground attendance at the campus at which the student is enrolled and cannot be completed solely via distance education. 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. Contact information for State Licensing Boards in which the PMI program Does Not Meet Licensure Requirements can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PARA.pdf
Physical Therapist Assistant		All States/Territories		Graduates of PMI PTA programs are eligible to apply to take the National Physical Therapy Examination for Physical Therapist Assistants (NPTE-PTA) which is administered by the Federation of State Boards of Physical Therapy (FSBPT).
Radiography		All States/Territories		Graduates of PMI RAD programs are eligible to apply to take the American Registry of Radiologic Technologists (ARRT) examination for certification.
Respiratory Therapy		All States/Territories		Graduates of PMI RT programs are eligible to apply to take the National Board for Respiratory Care Therapist Multiple-Choice (TMC) Examination. Those who meet the threshold on the TMC are eligible to take the Clinical Simulation Examination (CSE) to obtain the Registered Respiratory Therapist (RRT) credential.

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Surgical Technology	Alabama, Alaska, Arizona, California, Connecticut, Delaware, Florida, Georgia, Hawaii, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Mexico, North Carolina, Ohio, Rhode Island, South Dakota, Utah, Vermont, Washington DC, West Virginia, Wisconsin, Wyoming, US Virgin Islands, American Samoa, Guam, N. Mariana Islands, Puerto Rico	Arkansas, Colorado, Idaho, Illinois, Indiana, Massachusetts, Nevada, New Jersey, New York, North Dakota, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Virginia, Washington		Graduates of PMI ST programs are eligible to apply to take the Certified Surgical Technologist (CST ®) exam administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA).
Veterinary Technician	Arizona, District of Columbia, Florida, Massachusetts, New Hampshire, New Jersey, Rhode Island, US Virgin Islands, Utah, Vermont, Wyoming	Alabama, Alaska, Arkansas, California, Colorado, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Puerto Rico, South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, West Virginia, Wisconsin	American Samoa, Guam, N. Mariana Islands	Graduates of PMI VTT programs are eligible to apply to take the Veterinary Technician National Examination (VTNE) and applicable state board examinations. Contact information for State Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at: https://pmi.edu/wp-content/uploads/2022/08/Licensing-Board-Contact-Info-VTT.pdf

Licensure Determination Disclosure
Nursing Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has made a reasonable effort to determine graduate eligibility for licensure in all states/territories for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states/territories where the curriculum meets licensure requirements and states/territories where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Nursing Assistant/Aide (certificate)		Arizona, Colorado, Florida, Michigan, New Mexico, Texas	Alaska Alabama, Arkansas, California, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, Washington D.C, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*this is an on-ground program available to residents of Arizona, Colorado, and Texas and meets licensure/certification requirements in those states. 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. State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-NA-Programs.pdf
Practical Nursing (PN) (certificate)		Colorado, New Mexico	Alabama, Alaska, Illinois, Arizona, Arkansas, California, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*The Albuquerque program is a hybrid program available to residents of New Mexico. The Albuquerque program is approved by the New Mexico Board of Nursing. While there are online components, this program requires on-ground attendance at the campus at which the student is enrolled and cannot be completed solely via distance education. *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. 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. State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-PN-Programs.pdf

Licensure Determination Disclosure
Nursing Programs

Program	Program does not lead to licensure or Licensure Not Required	Meets Licensure Requirements	Does Not Meet Licensure Requirements	Notes
Practical Nursing to Associate Degree Nursing Bridge (PN to ADN)		New Mexico	Alabama, Alaska, Illinois, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*The Albuquerque program is a hybrid program available to residents of New Mexico. The Albuquerque program is approved by the New Mexico Board of Nursing. While there are online components, this program requires on-ground attendance at the campus at which the student is enrolled and cannot be completed solely via distance education. 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. State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf
Nursing (Associate Degree)		Arizona*	Alabama, Alaska, Illinois, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Washington D.C., West Virginia, West Virginia, Wisconsin, Wyoming, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*this is an on-ground program available to residents of Arizona and is approved for licensure by the Arizona State Board of Nursing. 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. State professional licensing board contact information can be found at: https://pmi.edu/wp-content/uploads/2022/01/State-Licensing-Board-Contact-Info-ADN-Programs.pdf

State Licensure Determination Disclosure
Online Programs

In compliance with 34 CFR 668.43 Pima Medical Institute has determined graduate eligibility for licensure in all states for programs designed and advertised as leading to licensure. The chart below lists PMI programs and states where the curriculum meets licensure requirements and states where the curriculum does not meet licensure requirements. All consumers should be advised that due to the frequent changes to state statutes, rules, and regulations PMI cannot guarantee licensure based on the lists below.

Online Certificate Program

Program	Program does not lead to licensure or Licensure Not Required	Meets Requirements	Does Not Meet Requirements	Notes
Medical Administrative Assistant (MAA)	Licensure is not required for employment in any states/territories.			
Computed Tomography (CT)		Alabama, Alaska, Arizona, Arkansas, California, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Virginia, Washington, West Virginia, Wyoming	Colorado, Massachusetts, Michigan, Nevada, New Mexico, North Carolina, Oregon, Tennessee, Wisconsin, Vermont, American Samoa, Guam, N. Mariana Islands, Puerto Rico, US Virgin Islands	*Applicants to this program must hold a current American Registry of Radiologic Technologists (ARRT) registration as a radiologic technologist. Applicants must also document current employment as a radiologic technologist and the employer's intention to cross-train the applicant as a CT. 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. Contact information for State/Territory Licensing Boards in which the PMI program Does Not Meet licensure requirements can be found at https://pmi.edu/online-programs/certificate/computed-tomography/

Online Associate Degree Programs

Program	Program does not lead to licensure or Licensure Not Required	Meets Requirements	Does Not Meet Requirements	Notes
Radiography - Bridge		All States*		*applicants to this program must document graduation from one of the following: A United States military program in radiologic sciences; a JRCERT accredited radiologic sciences program; a foreign program in radiologic sciences equivalent in length to one year or more of college coursework; or an approved or licensed limited scope radiography program. Graduates of this program are eligible to apply to take the American Registry of Radiologic Technologists (ARRT) examination for certification.

Health Care Administration	Program does not lead to licensure			

Online Bachelor's Degree Programs

Program	Program does not lead to licensure or Licensure Not Required	Meets Requirements	Does Not Meet Requirements	Notes
BS Health Care Administration	Program does not lead to licensure			
BS Nursing (RN to BSN)	Program does not lead to licensure *			*admission to the program requires that applicants maintain an active and unencumbered license as a registered nurse and be employed as a registered nurse (RN).
BS Physical Therapist Assistant	Program does not lead to licensure *			*Applicants to this degree program must have graduated from a PTA program accredited by CAPTE. This is a degree completion program. Licensure/certification as a PTA in a state within the United States is required prior to taking courses in semesters three and four.
BS Radiologic Sciences	Program does not lead to licensure *			*Applicants to this degree completion program must hold an American Registry of Radiologic Technologists (ARRT) certification.
BS Respiratory Therapy	Program does not lead to licensure *			*Applicants to this degree completion program must be registered respiratory therapist (RRT).

Online Master's Degree Program

Program	Program does not lead to licensure or Licensure Not Required	Meets Requirements	Does Not Meet Requirements	Notes
MS Organizational Leadership	Program does not lead to licensure			