



Aurora Campus Addendum
Catalog Addendum for Pima Medical Institute, 2018-2019 Catalog published April 2018

13750 E. Mississippi Avenue
Aurora, CO 80012
303.368.7462

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

COLORADO DEPARTMENT OF HIGHER EDUCATION
DIVISION OF PRIVATE OCCUPATIONAL SCHOOLS (DPOS)
1560 BROADWAY, SUITE 1600
DENVER, CO
80202

Web: <http://higher.ed.colorado.gov/dpos/>
Phone: 303.862.3001

Revision date: 04/15/18

STAFF:

RYAN MINIC
SHAUN KEUSCH
BARBARA WARBURTON
HALENA HOWARD
LORIE OLIVAS
TAMMY BOUDREAU
AMY SCHMIDT
OPAL ANDERSON
DORICE VIDGER
AMANDA GARCIA
JASMINE MARCUS
JESSICA RIVERA CHAVEZ

Interim Campus Director
Medical Career Specialist
Medical Career Specialist
Financial Aid Coordinator
Financial Aid Advisor
Student Services Coordinator
Career Services Coordinator
Career Services Advisor
Office Registrar
Administrative Assistant
Administrative Assistant
Administrative Assistant

FACULTY:	
Andrew, Rae MSN Master of Science and Nursing, Texas Women's University	Practical Nurse Instructor Part-time
Arnold, Kate, CVT Bachelor of Science, Grand Canyon University Associate of Applied Science, Bel Rea Institute of Animal Technology	Veterinary Technician Program Director Full-time
Badley, Veta Associates of Applied Science, Medical Assisting, Parks College	Medical Assistant Instructor Part-time
Comstock, Stephanie Associate of Applied Science, Bel Rea Institute of Animal Technology	Veterinary Assistant Instructor Part-time
Ellis, Michelle Certificate, Medical Assistant/X-Ray, Concorde Career College	Lead Medical Assistant Instructor Full-time
Emmanual, Catherine Master of Science in Biomedical Sciences, Colorado State University	Career Preparation Instructor Part -time
Everly, Tracey Certificate, Medical Assistant, Parks College	Medical Administrative Assistant Instructor Full-time
Fink, Stacie Associate of Applied Science, Bel Rea Institute of Animal Technology	Veterinary Technician Clinical Director Full-time
Florence, Cameron, CMA Everst College, Aurora Colorado Colorado Christian Univesity- Bachelor of Science and Health	Medical Assistant Instructor Part-time
Gonzales, Sarah Certificate, Medical Assistant, Pima Medical Institute, Denver, CO	Medical Assistant Instructor Part-time
Grazi, Michael Master of Science in Nursing, University of Phoenix, Lone Tree, CO	Practical Nurse Instructor Part-time
Guillott, Martha Bachlors of Science Degree, Southeastern Louisiana University Associate Degree Nursing, Our Lady of the Lake College	Practical Nurse Clinical Director Full-time
Heaton, Shelly, BSHW, AS, NCMA Bachelor Of Science, Health and Wellness Kaplan University Associates of Science, Medical Assisting, High Tech Institute	Career Preparation Instructor Full-time
Johnson, Kay, RDA Dental Assistant Certificate, CO College of Medical & Dental Careers EDDA, Front Range Community College	Dental Assistant Instructor Full-time
Middleton, Virginia Master of Science in Nursing, Stevens- Henager College, Salt Lake City, Utah	Practical Nurse Instructor Part- time
Noble, Jo Denise Bachlors of Science in Nursing, University of Phoenix	Practical Nurse Instructor/ Clinical Instructor Full- time

Ryals, Tifney Associate of Applied Science, Pima Medical Institute	Veterinary Technician/ Veterinary Assistant Instructor Part-time
Smith, Carrie, RMA Certificate, Medical Assistant, PPI Health and Career Colleges	Medical Assistant Instructor Part-time
Wheeler, Lori, MSN-ED, BSN, RN Master of Science in Nursing, University of Phoenix, Lone Tree, CO	Practical Nurse Program Director Full-time
Wieringa, Livia Doctor of Veterinary Medicine, Colorado State University	Veterinary Technician Instructor Full-time

ONLINE FACULTY:	
Colin Easom M.A. Library and Information Management, Liverpool John Moores University, England B.A. Librarianship and Information Studies, Liverpool Polytechnic, England	Veterinary Technician - Online instructor Part-time
Jaime Kazal M.Ed. Educational Leadership, Northern Arizona University B.A. Elementary Education, University of Arizona	Veterinary Technician - Online instructor Part-time
Lucas Micromatis M.A. Media Arts, University of Arizona B.A. English Literature, Berry College	Veterinary Technician - Online instructor Part-time
Jamie Morgan B.S. Animal Health Technology, Murray State University	Veterinary Technician - Online instructor Part-time
Geoffrey Natividad D.Ph. Albany College of Pharmacy and Health Sciences B.S. General Science, Seattle University B.A. Humanities, Seattle University	Veterinary Technician - Online instructor Part-time
Susan Rose B.S., Animal Science, University of Arizona	Veterinary Technician - Online instructor Part-time
Charlotte Rosenthal C.V. T. Arizona Veterinary Medical Examining Board	Veterinary Technician - Online instructor Part-time
Amy Sloan Ed.D. Higher & Postsecondary Education, Argosy University M.A. English Literature, University of Tennessee B.A. University Scholar (English Literature), Baylor University	Veterinary Technician - Online instructor Part-time
Traci Tawney M.Ed. Special Education, University of Phoenix B.A. Communications, University of Washington	Veterinary Technician - Online instructor Part-time
Melinda Tolitsky D.C., Parker Chiropractic College B.S. Anatomy, Parker Chiropractic College B.A. Spanish, Biology, Chemistry, University of Arizona	Veterinary Technician - Online instructor Part-time

Hours of Operation:

Hours of Operation: 7:00 AM - 10:00 PM; Monday through Thursday and 7:00AM – 5:00 PM Friday
Class Schedule: Morning Classes: 8:00 AM - 12:00 PM; Monday through Friday
Afternoon Classes: 12:30 PM - 5:30 PM; Monday through Thursday
Night Classes: 5:40 PM - 10:00 PM; Monday through Thursday

Student Breaks: 10 minutes per hour, not exceeding 40 minutes per 4 hours

Mealtimes: Pima Medical Institute does not provide "mealtime", however students are welcome to eat meals during student breaks

Facility Description: The Aurora Main Campus occupies approximately 25,000 square feet and is divided into five major instructional areas. Each area contains appropriate instructional equipment and furniture.

Revisions to the 2018-2019 Catalog published April 2018:

The following statement is currently in the 2018-2019 catalog on page 60 under Program Information:

Graduates of this program are granted an Associate of Applied Science degree.

This statement has been replaced with the following:

Graduates of this program are granted an Associate of Applied Science degree. Graduates of this program are eligible to apply to sit for the American Registry of Diagnostic Medical Sonographers Examinations.

The following statement is located in the Class Starts and Postponement section on p. 130 of the 2018-2019 catalog:

Postponement by the school within thirty (30) days of the original starting date will not alter the terms and conditions of the enrollment agreement. Postponement by the school beyond thirty (30) days of the original starting date will terminate the enrollment agreement with all monies paid by the applicant to be refunded in full.

This statement has been replaced with the following:

Postponement of a starting date, whether at the request of the school or the student, requires a written agreement signed by the student and the school. The agreement must set forth:

- A. Whether the postponement is for the convenience of the school or the student, and;
- B. A deadline for the new start date, beyond which the start date will not be postponed.

If the course is not commenced, or the student fails to attend by the new start date set forth in the agreement, the student will be entitled to an appropriate refund of prepaid tuition and fees within 30 days of the deadline of the new start date set forth in the agreement, determined in accordance with the school's refund policy and all applicable laws and rules concerning the Private Occupational Education Act of 1981.

The following information is currently listed in the 2018-2019 catalog on page 132 under Student/Instructor Ratio:

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.

This information has been replaced with the following:

PMI Standard Ratio Language

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.

Arizona

Program	Student : Instructor Ratio
Dental Assistant	Lab 12:1
Nursing Assistant/ Nurse Aide	Clinic: 10:1 Lab 20:1
Nursing	Clinic 10:1
Paramedic	Classroom 24:1 Clinical: 4:1 Externship: 1:1
Pharmacy Technician	Lab 12:1 Lab (PHA 225) 8:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Respiratory Therapy	Clinic 6:1
Surgical Technician	Lab 10:1

California

Program	Student : Instructor Ratio
Dental Assistant	Lab 12:1
	Preclinical/clinical lab 6:1
Pharmacy Technician	Lab 12:1
	Lab with sterile compounding (PHA 225) 8:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Respiratory Therapy	Clinic 6:1

Colorado

Program	Student : Instructor Ratio
Nursing Assistant/ Nurse Aide	Clinic: 10:1 Lab 10:1
Dental Assistant	Lab 12:1
Practical Nursing	Lab 10:1
Pharmacy Technician	Lab 12:1 Lab (PHA 225) 8:1
Medical Laboratory Technician	Lab 10:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Respiratory Therapy	Clinic 6:1
Surgical Technician	Lab 10:1

Nevada

Program	Student : Instructor Ratio
Dental Assistant	Lab 12:1
Pharmacy Technician	Lab 12:1 Lab with sterile compounding (PHA 225) 8:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Respiratory Therapy	Clinic 6:1

New Mexico

Program	Student : Instructor Ratio
Dental Assistant	Lab 12:1
Dental Hygiene	Lab 10:1 for RDH 215 Biomaterials All other labs, preclinical, and clinical 5:1
Pharmacy Technician	Lab 12:1 Lab with sterile compounding (PHA 225) 8:1
Practical Nursing	Lab 10:1
	Clinic 8:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Respiratory Therapy	Clinic 6:1

Texas

Program	Student : Instructor Ratio
GENERAL	Classroom 30:1
Nursing Assistant/ Nurse Aide	Clinic: 10:1 Lab 10:1
Dental Assistant	Lab 12:1
Dental Hygiene	Lab 10:1 for RDH 215 Biomaterials All other labs, preclinical, and clinical 5:1
Veterinary Technician (El Paso Only)	Lab (live animal) 4:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Pharmacy Technician	Lab 12:1
	Lab (PHA 225) 8:1
Respiratory Therapy	Clinic 6:1

Washington

Program	Student : Instructor Ratio
Dental Assistant	Lab 12:1
Dental Hygiene	Lab 10:1 for RDH 215 Biomaterials All other labs, preclinical, and clinical 5:1
Pharmacy Technician	Lab 12:1
	Lab (PHA 225) 8:1
Radiography	Lab 10:1
	Clinic (Technologist) 1:1
	Clinic (CI) 10:1
Respiratory Therapy	Clinic 6:1

Gainful Employment Data by Program

The links to Gainful Employment documents listed below provide consumers with important information about the educational debt, earnings, and completion rates of students who attended this program.

Dental Assistant:

Days: <https://pmi.edu/programconsumerinfo/022171/da/dental-assistant>

Evenings: <https://pmi.edu/programconsumerinfo/022171/da/evening/dental-assistant>

Medical Administrative Assistant:

Days: <https://pmi.edu/programconsumerinfo/022171/maa/medical-administrative-assistant>

Evenings: <https://pmi.edu/programconsumerinfo/022171/maa/night/medical-administrative-assistant>

Medical Assistant:

Days: <https://pmi.edu/programconsumerinfo/022171/ma/medical-assistant>

Evenings: <https://pmi.edu/programconsumerinfo/022171/ma/night/medical-assistant>

Practical Nursing

Days: <https://pmi.edu/programconsumerinfo/041771/pn/practical-nursing>

Veterinary Assistant:

Days: <https://pmi.edu/programconsumerinfo/022171/va/veterinary-assistant>

Evenings: <https://pmi.edu/programconsumerinfo/022171/va/night/veterinary-assistant>

Veterinary Technician:

Days: <https://pmi.edu/programconsumerinfo/041771/vt/veterinary-technician>

Evenings: <https://pmi.edu/programconsumerinfo/041771/vt/night/veterinary-technician>

A complete listing of Student Consumer Information, including disclosures, Gainful Employment data, Financial Aid information, Health and Safety reports and accreditation information, can be found online at: www.pmi.edu/consumerinfo



Pima Medical Institute - Aurora Campus
 Tuition Price List
 Effective February 23, 2018

Program	Total Cost	Tuition	Reg. Fee	Textbooks*	Uniform*	Extern Weeks	Total Credits/ Clock Hours	Total Weeks (Day/Night)	Extern Credits/ Hours
Expanded Duties Dental Assistant (EDDA)	\$2,155	\$1,839	\$150	\$166	\$0	0	2/40	8	none
Dental Assistant (DEN)	\$14,045	\$13,089	\$150	\$641	\$165	6	28/720	30/34	5/240
Medical Administrative Assistant (MAA)	\$10,830	\$9,618	\$150	\$897	\$165	6	29/720	30/34	5/240
Medical Assistant (MA)	\$14,165	\$13,227	\$150	\$623	\$165	5	34/800	35/40	4/200
Practical Nursing (PN)	\$22,494	\$20,406	\$150	\$1,773	\$165	405 hrs	44/1061	48	9/405
Veterinary Assistant (VTA)	\$13,805	\$12,824	\$150	\$666	\$165	6	30/720	30/34	5/240
Veterinary Technician (VTT)^	\$17,691	\$15,702	\$0	\$1,824	\$165	7	48.5/1055	47/52	5/225

*Includes Tax @ 8.0%

^Textbook costs include a Samsung tablet and keyboard

(Changes in Bold)

Revision Date: 02/23/18

2018 Start Dates

Red - Indicates Start Date is a Holiday - Classes begin on Tuesday

Certificate Programs & Veterinary Technician

DA (AM) - 30 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Fri	2/12/18	7/2/18	7/30/18	9/7/18
8:00 am - 12:00 pm	3/26/18	8/13/18	9/10/18	10/19/18
Sequence = 6 Wks	5/7/18	9/24/18	10/22/18	11/30/18
Career Prep	6/18/18	11/5/18	12/3/18	1/25/19
Sequence 1, 2 & 3	7/30/18	12/17/18	1/28/19	3/8/19
Externship: 6 Wks	9/10/18	2/11/19	3/11/19	4/19/19
Version: DA-D08-B	10/22/18	3/25/19	4/22/19	5/31/19
Credits: 28	12/3/18	5/6/19	6/3/19	7/12/19
Hours: 720	1/28/19	6/17/19	7/15/19	8/23/19

DA (EVE) - 34 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	2/19/18	7/30/18	9/3/18	10/12/18
5:40 pm - 10:00 pm	4/9/18	9/17/18	10/22/18	11/30/18
Sequence = 7 Wks	5/28/18	11/5/18	12/10/18	2/1/19
Career Prep	7/16/18	1/7/19	2/11/19	3/22/19
Sequence 1, 2 & 3	9/3/18	2/25/19	4/1/19	5/10/19
Externship: 6 Wks	10/22/18	4/15/19	5/20/19	6/28/19
Version: DA-N08-B	12/10/18	6/3/19	7/8/19	8/16/19
Credits: 28	2/11/19	7/22/19	8/26/19	10/4/19
Hours: 720	4/1/19	9/9/19	10/14/19	11/22/19

MDA (AM) - 35 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Fri	2/12/18	8/13/18	9/10/18	10/12/18
8:00 am - 12:00 pm	3/26/18	9/24/18	10/22/18	11/23/18
Sequence = 6 Wks	5/7/18	11/5/18	12/3/18	1/18/19
Career Prep	6/18/18	12/17/18	1/28/19	3/1/19
Sequence 1, 2, 3 & 4	7/30/18	2/11/19	3/11/19	4/12/19
Externship: 5 Wks	9/10/18	3/25/19	4/22/19	5/24/19
Version: MA-D09	10/22/18	5/6/19	6/3/19	7/5/19
Credits: 34	12/3/18	6/17/19	7/15/19	8/16/19
Hours: 800	1/28/19	7/29/19	8/26/19	9/27/19

MDA (AFT) - 35 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/29/18	7/30/18	8/27/18	9/28/18
12:30 pm - 5:30 pm	3/12/18	9/10/18	10/8/18	11/9/18
Sequence = 6 Wks	4/23/18	10/22/18	11/19/18	12/21/18
Career Prep	6/4/18	12/3/18	1/14/19	2/15/19
Sequence 1, 2, 3 & 4	7/16/18	1/28/19	2/25/19	3/29/19
Externship: 5 Wks	8/27/18	3/11/19	4/8/19	5/10/19
Version: MA-D09	10/8/18	4/22/19	5/20/19	6/21/19
Credits: 34	11/19/18	6/3/19	7/1/19	8/2/19
Hours: 800	1/14/19	7/15/19	8/12/19	9/13/19

MDA (EVE) - 40 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	2/19/18	9/17/18	10/22/18	11/23/18
5:40 pm - 10:00 pm	4/9/18	11/5/18	12/10/18	1/25/19
Sequence = 7 Wks	5/28/18	1/7/19	2/11/19	3/15/19
Career Prep	7/16/18	2/25/19	4/1/19	5/3/19
Sequence 1, 2, 3 & 4	9/3/18	4/15/19	5/20/19	6/21/19
Externship: 5 Wks	10/22/18	6/3/19	7/8/19	8/9/19
Version: MA-N09	12/10/18	7/22/19	8/26/19	9/27/19
Credits: 34	2/11/19	9/9/19	10/14/19	11/15/19
Hours: 800	4/1/19	10/28/19	12/2/19	1/17/20

MAA (AM) - 30 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Fri	2/12/18	7/2/18	7/30/18	9/7/18
8:00 am - 12:00 pm	3/26/18	8/13/18	9/10/18	10/19/18
Sequence = 6 Wks	5/7/18	9/24/18	10/22/18	11/30/18
Career Prep	6/18/18	11/5/18	12/3/18	1/25/19
Sequence 1, 2 & 3	7/30/18	12/17/18	1/28/19	3/8/19
Externship: 6 Wks	9/10/18	2/11/19	3/11/19	4/19/19
Version: MAA-D12	10/22/18	3/25/19	4/22/19	5/31/19
Credits: 29	12/3/18	5/6/19	6/3/19	7/12/19
Hours: 720	1/28/19	6/17/19	7/15/19	8/23/19

PN (AM) - 48 Wks	Seq Start	Stipend	Seq End	Grad Date
Mon - Fri	8/27/18		10/19/18	
8:00 am - 12:00 pm	10/22/18	12/10/18	12/14/18	
6 Sequences	12/17/18		2/22/19	
Sequence = 8 Wks	3/4/19		4/26/19	
Version: NURPRAC17	4/29/19	5/13/19	6/21/19	
44 Crds / 1,061 Hrs	6/24/19	7/29/19	8/16/19	8/16/19

PN (AFT) - 48 Wks	Seq Start	Stipend	Seq End	Grad Date
Mon - Fri	4/30/18		6/22/18	
1:00 pm - 5:00 pm	6/25/18	8/13/18	8/17/18	
6 Sequences	8/20/18		10/12/18	
Sequence = 8 Wks	10/22/18		12/14/18	
Version: NURPRAC17	12/17/18	1/14/19	2/22/19	
44 Crds / 1,061 Hrs	2/25/19	4/1/19	4/19/19	4/19/19

VTA (AM) - 30 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Fri	2/12/18	7/2/18	7/30/18	9/7/18
8:00 am - 12:00 pm	3/26/18	8/13/18	9/10/18	10/19/18
Sequence = 6 Wks	5/7/18	9/24/18	10/22/18	11/30/18
Career Prep	6/18/18	11/5/18	12/3/18	1/25/19
Sequence 1, 2 & 3	7/30/18	12/17/18	1/28/19	3/8/19
Externship: 6 Wks	9/10/18	2/11/19	3/11/19	4/19/19
Version: VTAD08	10/22/18	3/25/19	4/22/19	5/31/19
Credits: 30	12/3/18	5/6/19	6/3/19	7/12/19
Hours: 720	1/28/19	6/17/19	7/15/19	8/23/19

VTA (EVE) - 34 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	2/19/18	7/30/18	9/3/18	10/12/18
5:40 pm - 10:00 pm	4/9/18	9/17/18	10/22/18	11/30/18
Sequence = 7 Wks	5/28/18	11/5/18	12/10/18	2/1/19
Career Prep	7/16/18	1/7/19	2/11/19	3/22/19
Sequence 1, 2 & 3	9/3/18	2/25/19	4/1/19	5/10/19
Externship: 6 Wks	10/22/18	4/15/19	5/20/19	6/28/19
Version: VTAN08	12/10/18	6/3/19	7/8/19	8/16/19
Credits: 30	2/11/19	7/22/19	8/26/19	10/4/19
Hours: 720	4/1/19	9/9/19	10/14/19	11/22/19

VTT (AM) - 47 Wks	Start Date	On Ground	Extern	Grad Date
Mon - Fri	1/29/18	3/26/18	11/5/18	12/21/18
8:00 am - 12:00 pm	3/26/18	5/21/18	1/14/19	3/1/19
5 Sequences	5/21/18	7/16/18	3/11/19	4/26/19
Sequence: 8 Wks	7/16/18	9/10/18	5/6/19	6/21/19
Extern/Seminar: 7 Wks	9/10/18	11/5/18	7/1/19	8/16/19
Version: VTTD13	11/5/18	1/14/19	9/9/19	10/25/19
Credits: 78.5	1/14/19	3/11/19	10/21/19	12/6/19
Hours: 1,055	3/11/19	5/6/19	12/16/19	2/14/20

MEDICAL LABORATORY TECHNICIAN

OBJECTIVE

To develop in students the personal traits and professional skills required to perform as competent entry-level medical laboratory technicians. Students learn and practice the fundamentals of testing procedures on various body fluids, including urine, synovial fluid, cerebrospinal fluid, and blood. They also learn to differentiate between normal and abnormal test results. Students learn and apply important safety concepts and practices, including OSHA standards, universal precautions, and personal protective equipment.

-Catalog Addendum for 2018-2019 catalog published April 2018 (04/15/18)

ADMISSION REQUIREMENTS

Please reference admission requirements on page 130.

Semester I (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
PSY 107	Psychology of Success	40			2.5
MAP 110	Medical Terminology	40			2.5
ENG 121	English Communications	40			2.5
MLT 140	General Chemistry	40			2.5
MLT 100	Introduction to Medical Lab	20	20		2.0
CIS 110	Fundamental Computer Skills	20	20		2.0
MAP 123	Anatomy & Physiology: Circulation & Life	40			2.5
Semester I Total		240	40		16.5

Semester II (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
MAP 122	Anatomy & Physiology: Control & Metabolism	40			2.5
MLT 105	Instrumentation and Quality Control	20	20		2.0
MLT 115	Molecular Biology	40			2.5
MLT 110	Math for Medical Specialities	40			2.5
MLT 160	Microbiology	20	60		3.0
PSY 134	General Psychology	40			2.5
Semester II Total		200	80		15.0

Semester III (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
MLT 120	Phlebotomy and Specimen Collection	20	20		2.0
MLT 145	Clinical Chemistry	20	20		2.0
MLT 102	Human Pathology	40			2.5
MLT 150	Pathogenic and Parasitic Organisms	20	20		2.0
MLT 130	Hematology	20	60		3.0
MLT 155	Immunology and Serology	20	20		2.0
Semester III Total		140	140		13.5

Semester IV (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
MLT 170	Immunohematology and Bloodbanking	20	60		3.0
MLT 125	Urinalysis and Body Fluids	20	20		2.0
MLT 135	Hemostasis and Specialty Testing	20	20		2.0
MAP 185	Medical Law and Ethics	40			2.5
CMS 111	Career Marketing Strategies	40			2.5
Semester IV Total		140	100		12.0

Semester V (15 Weeks)

Course #	Course	Theory	Lab	Extern	Credits
MLT 200	Medical Laboratory Review	20	60		3.0
EMG 101	CPR & Basic First Aid Certification	10	20		1.0
MLT 210	Externship			400	8.5
Semester V Total		30	80	400	12.5
PROGRAM TOTALS		750	440	400	69.5



LOCATIONS



Colorado Springs

PROGRAM INFORMATION

DELIVERY METHOD: *On-ground*

Program length: 75 weeks (15 weeks per semester). The total number of program hours is 1,590. Courses within a semester may not be taught concurrently, but all courses are taught within the 15 weeks. Graduates of this program receive an Occupational Associate degree and are eligible to apply to take the American Society for Clinical Pathology certification examination.

COURSE DESCRIPTIONS

PSY 107 Psychology of Success

Students will learn to balance home, work, and college using human relations skills, enabling them to contribute more to organizational productivity, and in general, have more successful careers.

Prerequisites: None

MAP 110 Medical Terminology

The student who successfully completes this course will be able to understand and build an extensive medical vocabulary including medical abbreviations. The student should also be able to use the word-building system to further define new medical terms as necessary.

Prerequisites: None

ENG 121 English Communications

Fundamentals of communication theory and practice are reviewed and practiced. Topics include the study of vocabulary, spelling, mechanics, parts of speech, and sentence analysis.

Prerequisites: None

MLT 140 General Chemistry

This course is designed to give the student fundamental basic knowledge of chemistry in preparation for utilization in the clinical laboratory. This course will cover basic principles, vocabulary, molecular structures, methods of measurement, quantum theory, acids, bases, and salts.

Prerequisites: None

MLT 100 Introduction to the Medical Lab

This course is designed to introduce students to OSHA standards, personal protective equipment, the care and use of laboratory equipment including microscopes and proper techniques for handling of glassware. In addition, students will learn basic skills in hematology, urinalysis, microbiology, chemistry, and parasitology. Quality control documentation requirements and techniques used in lab reporting will also be presented.

Corequisites: MAP 110 Medical Terminology

CIS 110 Fundamental Computer Skills

Students learn basic computer skills for the business and medical office. Hands-on experience with PC applications and typing technique will be the focus.

Prerequisites: None

MAP 123 Anatomy & Physiology: Circulation & Life

The student who successfully completes this course will be able to identify the first systems of the body and their major functions, describe the relationship of anatomy and physiology to the medical terminology used in transcribing medical records, and identify gross anatomical features on selected diagrams of the body systems.

Corequisites: MAP 110 Medical Terminology

MAP 122 Anatomy & Physiology: Control & Metabolism

The student who successfully completes this course should be able to identify the remaining systems of the body and their major functions, describe the relationships of anatomy and physiology to the medical terminology used in transcribing medical records, and identify gross anatomical features on selected diagrams of the body systems.

Prerequisites: MAP 110 Medical Terminology

MLT 105 Instrumentation & Quality Control

Students will be introduced to laboratory instrumentation including the spectrophotometer, perform linearity studies, and incorporate all aspects of quality control required in the laboratory.

Corequisites: MLT 100 Introduction to the Medical Lab; MLT 110 Math for Medical Specialties

MLT 115 Molecular Biology

Students who are enrolled in this course will learn the fundamentals of molecular biology. Students will have an understanding of cellular biology, genetics, metabolism, mitosis, and meiosis and how they relate to medical laboratory testing.

Prerequisites: None

MLT 110 Math for Medical Specialties

Upon completion of this course, students will have an understanding of mathematical concepts used in general chemistry, clinical chemistry, hematology, and basic physics needed for proper calculation in a medical setting.

Prerequisites: None

MLT 160 Microbiology

Upon completion of this course students will have an understanding of the theories and principles applicable to clinical microbiology. The student will recognize and learn the clinical significance of unusual pathogens. Students will be exposed to techniques for cultivation of anaerobes and identification schemes for less common pathogens. Students will become familiar with virology terminology.

Prerequisites: MLT 100 Introduction to the Medical Lab

Corequisites: MLT 115 Molecular Biology

COURSE DESCRIPTIONS

PSY 134 General Psychology

An introduction to psychological issues and disorders present in public interaction, including psychosocial factors in physical disorders. Basic relationship issues emphasizing boundaries, roles, limits, and methods are covered.

Prerequisites: None

MLT 120 Phlebotomy & Specimen Collection

Students who successfully complete this course will have the ability to perform proper collection, handling, and processing of blood using various collection methods. In addition, they will have an understanding of other specimen collection techniques, proper labeling, and required documentation in a medical laboratory.

Prerequisites: MLT 100 Introduction to Medical Lab

MLT 145 Clinical Chemistry

Upon completion of this course students will have an understanding of the theory and clinical interpretation of carbohydrates, lipids, and proteins needed for clinical laboratory testing. The student will have the ability to perform both manual and automated laboratory determinations and spectrophotometer methods. In addition, students will have an understanding of the standard operating procedures as well as quality assurance standards for all chemistry tests performed. Theory and clinical interpretation of enzymes, electrolytes, and toxic substances will be presented. The student will perform both manual and automated laboratory determinations corresponding to theoretical study.

Prerequisites: MLT 100 Introduction to Medical Lab; MLT 105 Instrumentation and Quality Control; MLT 140 General Chemistry

MLT 102 Human Pathology

Upon successful completion of this course, the student will have an understanding of the most common disease processes involved in all systems of anatomy and physiology.

Prerequisites: MAP 110 Medical Terminology

MLT 150 Pathogenic and Parasitic Organisms

Students will learn about parasites and clinically important protozoans, nematodes, trematodes, cestodes, and the following characteristics: geographical distribution, life cycle, pathology, morphology, and clinical diagnosis. This course provides practical procedures for the preparation, examination, and identification of common pathogenic parasites. Mycology and their reactions to the body and environment will be studied. The student will learn methods of collecting specimens, preparation of media, and microscopic examinations for the identification of common saprophytic and pathogenic fungi. Additional pathogenic microorganisms will be presented.

Prerequisites: MLT 160 Microbiology

MLT 130 Hematology

This course equips the student with the practices and principles explored in the hematology laboratory. Procedures include complete blood counts with white blood cell counts, red blood cell counts, hemoglobin determinations, hematocrit values, blood smear differential, red cell indices, sedimentation rates, and reticulocyte counts and gene mutation.

Prerequisites: MLT 105 Instrumentation and Quality Control; MLT 115 Molecular Biology

Corequisites: MLT 120 Phlebotomy and Specimen Collection

MLT 155 Immunology & Serology

This course will introduce the students to immunology, the immune response, and antigen/antibody testing, which will include various serology tests used in the laboratory. Students will become familiar with virology terminology and understand the classifications of various viruses and the clinical manifestations of viruses.

Prerequisites: MLT 105 Instrumentation and Quality Control

MLT 170 Immunohematology & Bloodbanking

This course is designed to give the student a basic understanding of the immune system and bloodbanking and their relationship to clinical testing. The student will have a basic knowledge of antigen-antibody testing methods and be able to perform the necessary pipetting skills for these tests. In addition, the student will understand and be capable of performing ABO grouping, RH typing, compatibility testing, antibody identification, and component therapy. Donor screening, blood processing, and appropriate quality assurance procedures are also treated.

Prerequisites: MLT 155 Immunology & Serology; MLT 130 Hematology

MLT 125 Urinalysis & Body Fluids

During this course students will learn the physical, chemical, and microscopic examination of urine and its importance to a physician in the diagnosis of disease. Students will also learn proper processing and handling of other bodily fluids for laboratory testing.

Prerequisites: MLT 100 Introduction to the Medical Lab; MLT 115 Molecular Biology

MLT 135 Hemostasis & Specialty Testing

This course will prepare students with knowledge of procedures in coagulation and handling of samples. Studies include clotting mechanisms, platelet structure and function, and the maintenance of vascular integrity including both intrinsic and extrinsic systems. All areas of study will be substantiated with lab procedures and methods used to monitor these conditions. In addition, the students will examine abnormal blood smears to include leukemias and myeloproliferative disorders.

Prerequisites: MLT 130 Hematology

COURSE DESCRIPTIONS

MAP 185 Medical Law & Ethics

Students will be able to state major legal concerns of being a member of the health profession, formulate self-awareness of ethics as it applies to the medical field, identify risk management issues, and state the importance of confidentiality.

Prerequisites: MAP 110 Medical Terminology

CMS 111 Career Marketing Strategies

Students create a portfolio including résumés, references, cover letters, and thank-you letters. Mock interviews will be conducted. Students learn how to evaluate job offers and skills.

Prerequisites: None

MLT 200 Medical Laboratory Review

Upon completion of this course the student will be prepared for the application process and testing procedures needed for completion of their certification exam. This course will provide review of all laboratory materials, competencies, and guidelines necessary for completion of the exam.

Prerequisites: MAP 110 Medical Terminology

EMG 101 Basic CPR & First Aid Certification

This course will be a combination of lecture, simulation, demonstration, and student participation. Lab time will allow hands-on experiences, small group discussions, simulations, and return demonstration of newly acquired skills.

Prerequisites: None

MLT 210 Externship

An externship consists of 400-hour field experience in an appropriate location. It provides an opportunity for students to practice the skills they have learned under direct supervision in an actual work environment.

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