



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

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Associate Director

Faculty Coordinator

Office Manager

Office Manager Assistant

Office Assistant

Student Services Coordinator

Receptionist - Day

Receptionist - Evening

Medical Career Specialist

Medical Career Specialist

Medical Career Specialist

Financial Aid Coordinator

Financial Aid Officer

Financial Aid Officer

Financial Aid Officer

Medical Carer Assistant

Career Services Coordinator

Career Services Advisor

Career Services Advisor

Career Services Advisor

FACULTY:	
Aguilar, Audrey, OTR/L, BS Bachelor of Science, Occupational Therapy, University of Kansas Medical Center	Occupational Therapy Assistant Instructor Part-time
Bernd, Nicole, RRT Associate Degree, Respiratory Therapy, Pima Medical Institute	Respiratory Therapy Instructor Full-time
Brides, Trisha Certificate, Medical Assistant, Pima Medical Institute	Career Prep Instructor Full-time
Bruhn, Lori, CPhT Professional Experience: Certified Pharmacy Technician	Pharmacy Technician Instructor Part-time
Church, Tracy, BS, CST Bachelor of Science in Health Care Administration, Grand Canyon University, Certificate in Surgical Technology, The Bryman School - Phoenix, Certificate in Surgical Technology, Houston Community College	Surgical Technology Instructor Full-time
Davis, Derek, BS, RRT Bachelor of Science in Respiratory Care, Grand Canyon University, Associate Degree, Respiratory Therapy, Pima Medical Institute	Respiratory Therapy Instructor Part-time
Erickson, Kelly, RN-BC, BA, BSN Bachelor of Science in Nursing, University of Colorado School of Health Sciences Bachelor of Arts in Paralegal Studies, Tulane University Associate of Arts in General Studies, University of Maryland	Nurse Aide Instructor Part-time
Heisey, Dustin, CBSPD Associate of Applied Science, Surgical Technology Anthem College	Central Sterile Processing Instructor Full-time
Hofferber, Melanie, BS, RRT Bachelor of Science in Gerontology and Rehabilitation, University of North Texas, Associate in Applied Science, Respiratory Therapy, Collin College	Respiratory Therapy Instructor Full-time
Hollinger, Tebetha, BSPTA Bachelor of Science in Physical Therapist Assistant, Pima Medical Institute	Physical Therapist Assistant Instructor Full-time
Jackson, Carolyn, COT Associate of Occupational Studies, Ophthalmic Medical Technician, Pima Medical Institute	Ophthalmic Medical Technician Instructor/Clinical Director Full-time
Juracek, Cody, BS, RT(R), CDT Bachelor of Science, Psychology, University of South Dakota Associate of Occupational Studies, Radiography, Pima Medical Institute	Radiography Instructor Full-time

Katnik, Mark, BS, CST Bachelor of Science in Medical Illustration, University of Illinois, Certificate of Surgical Technology, Columbia Public Schools	Surgical Technology Instructor/Clinical Director Full-time
Lane, Galya, RMA, BS Bachelor of Science in Healthcare Administration, Pima Medical Institute, Certificate, Medical Assisting, Emily Griffith Technical College	Medical Assistant Instructor/Team Leader Full-time
Lukjan, Judith, PMP, MBA, RRT, RPFT, CCRP Master of Business Administration, Kennesaw University Bachelor of Science in Respiratory Care, Georgia State University Bachelor of Science in Accounting, The Ohio State University	Respiratory Therapy Instructor/Program Director Full-time
McClure, Gloria, CVT, BS Bachelor of Science, Animal Science, Brigham Young University	Veterinary Assistant Instructor/Team Leader Full-time
McWilliams, Barbara, CCMA Certificate, Medical Assistant, Pima Medical Institute	Medical Administrative Assistant/Medical Assistant Front Office Instructor/Team Leader Full-time
Melamedes, Lori, CPHT Professional Experience: Certified Pharmacy Technician	Pharmacy Technician Instructor/Team Leader Full-time
Middleton, Virginia, MSN, BSN, RN Master's Degree in Nursing Education, Independence University Bachelor of Science Nursing, Metropolitan State College Diploma in Nursing, Northwest Hospital School of Nursing	Nurse Aide Instructor/Program Coordinator Part-time
Miller, Leslie, BSPT Bachelor of Science, Physical Therapy, University of Colorado Health Science Bachelor of Science, Education, Bowling Green State University	Physical Therapist Assistant Instructor Part-time
Misuracaca, Justin, BS, RRT, NPS, C-NPT Bachelor in Healthcare Administration, CSU Global Associate of Applied Science in Respiratory Therapy, Genesee Community College	Respiratory Therapy Instructor/Clinical Director Full-time
Muccio, Selina, RT(R), MEd Master of Education, Colorado State University Bachelor of Arts, Kinesiology, University of Colorado Certificate, Radiologic Technology, St. Anthony School of Radiology	Radiography Instructor/Program Director Full-time
Nelson, Nancy, RT(R) Bachelor of Science, Horticulture, Colorado State University Associate of Occupational Studies, Radiography, Pima Medical Institute	Radiography Instructor/Clinical Director Full-time
Oberkramer, Mary Lou, CDA Professional Experience, Dental Assisting	Dental Assistant Instructor/Team Leader Full-time
Reed, Natalie, COT Associate of Occupational Studies, Ophthalmic Medical Technician, Pima Medical Institute	Ophthalmic Medical Technician Instructor Full-time

Reina, Lynette, DPT Doctor of Physical Therapy, University of Southern California Bachelor of Science, Exercise Physiology, University of California Davis	Physical Therapist Assistant Instructor/Program Director Full-time
Rogers, Patricia Professional Experience: Medical Administrative Assistant	Medical Assistant Front Office Instructor Part-time
Romero, Caroline Bachelor of Science in Health Care Administration, Pima Medical Institute Associate of Science in Health Care Administration, Pima Medical Institute Certificate, Medical Assistant, Pima Medical Institute	Medical Assistant Front Office Instructor Part-time
Roy, Daniel, RRT Associate of Applied Science in Respiratory Therapy, Champlain College	Respiratory Therapy Instructor Full-time
Sage, Laura, PT, DPT Doctorate of Physical Therapy, Regis University Master of Education, University of Massachusetts Bachelor of Science, Physical Therapy, Boston University Sargent College	Physical Therapist Assistant Instructor/Clinical Director Full-time
Sand, Amber, BS, COTAL Bachelor of Science in Business Administration, North Dakota State University Associate of Occupational Studies in Occupational Therapy Assistant, Pima Medical Institute	Occupational Therapy Assistant Instructor Full-time
Schurter, Jane, DPT Doctor of Physical Therapy, Regis University	Physical Therapist Assistant Instructor Part-time
Siddiqui, Gulzar, MBBS (MD) Doctor of Medicine, Ziauddin Medical University	Career Prep Instructor Part-time
Solomon, Amy, MS, OTR/L Master of Science, Occupational Therapy, Colorado State University Bachelor of Science, Occupational Therapy, Colorado State University	Occupational Therapy Assistant Instructor/Program Director Full-time
Sorrells, Chris, OTR/L, BS Bachelor of Science, Occupational Therapy, Gannon University	Academic Field Work Coordinator/Occupational Therapy Assistant Instructor Full-time
Stanton, Wendy, BS, COT Bachelor of Science, Health Care Administration, Century University Certificate, Ophthalmic Medical Technician, School of Ophthalmic Medical Technology	Ophthalmic Medical Technician Instructor/Program Director Full-time
Stauffer, John Associate of Applied Science, Veterinary Technician, Bel Rea Institute of Animal Technology	Veterinary Assistant Instructor Full-time
Turney, Gloria, EDDA Certificate, EDDA, Pima Medical Institute Certificate of Dental Assisting, Pima Medical Institute	Dental Assistant Instructor Part-time

<p>Van, Cynthia, B.S., CST  Bachelor of Science in Biology, University of Denver  Certificate in Surgical Technology, Concorde Career College</p>	<p>Surgical Technology Instructor  Part-time</p>
<p>Watson, Carina, COTA, BA  Bachelor's of Applied Science, Family Studies and Human Development,  Arizona State University  Associate of Applied Science, Occupational Therapy Assistant, Pueblo  Community College</p>	<p>Occupational Therapy Assistant Instructor  Full-time</p>
<p>Wilms, Mark, B.A., CST, CRCST  Bachelor's of Art in Communications, Southern New Hampshire University,  Certificate in Surgical Technology, Erwin Technical Center</p>	<p>Surgical Technology Program Director  Full-time</p>
<p>Young, Tamisha, CMA (AAMA)  Certificate, Medical Assistant, Pima Medical Institute</p>	<p>Medical Assistant Instructor  Full-time</p>

**Hours of Operation:**

Hours of Operation: 7:00 AM - 10:10 PM; Monday through Thursday and 7:00 AM - 5:00 PM; Friday  
Class Schedule: Morning Classes: 8:00 AM - 12:00 PM; Monday through Friday  
Afternoon Classes: 12:30 PM - 5:30 PM; Monday through Thursday  
Night Classes: 5:50 PM - 10:10 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 Denver campus occupies approximately 49,000 sq. ft. spanning 6 floors in a 6 story building. Each floor is 10,000 sq. ft..

First floor: testing room, copy room, book room, kitchen, IT server, file room, 18 offices, reception desk and lobby, computer lab with 30 computers, Veterinary Assistant classroom/lab, 2 Radiology labs, and 1 library/study room with 2 computers and 5 desks.

Second floor: 2 Dental Assistant classrooms and 1 DA lab, 1 Pharmacy Technician classroom/lab, 2 computer labs (1 with 24 computers and 1 with 32 computers), 2 Medical Assistant classrooms/labs.

Third floor: 1 Occupational Therapy Assistant classroom and 1 OTA lab, 3 offices, OTA storage room. There are 4 other tenants on the 3rd floor as well.

Fourth floor: Student lounge, conference room, computer lab with 24 computers, 1 MA classroom/lab, 1 general classroom, employee lounge, 12 offices and 6 corporate offices.

Fifth floor: Ophthalmic Medical Technician classroom with 1 separate lab, 1 Physical Therapist Assistant classroom with 1 separate lab, 1 Radiology classroom, 2 RT classrooms and 1 separate lab. 2 shared office spaces for instructors, each one with 5 instructor work areas for the degree programs.

Sixth floor: Surgical Technology suite with 1 ST classroom, 1 ST lab, 1 SPT classroom, 2 SPT labs, break room with 4 computers and storage area for supplies, 2 offices and 2 instructor work stations. There are other tenants on the remainder of the floor.

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**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.

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**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.

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**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**

<b>Program</b>	<b>Student : Instructor Ratio</b>
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
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**

<b>Program</b>	<b>Student : Instructor Ratio</b>
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**

<b>Program</b>	<b>Student : Instructor Ratio</b>
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>

### **Pharmacy Technician:**

Days: <https://pmi.edu/programconsumerinfo/022171/rxt/pharmacy-technician>

Evenings: <https://pmi.edu/programconsumerinfo/022171/rxt/night/pharmacy-technician>

### **Sterile Processing Technician:**

Days: <https://pmi.edu/programconsumerinfo/022171/spt/sterile-processing-technician>

Evenings: <https://pmi.edu/programconsumerinfo/022171/spt/night/sterile-processing-technician>

### **Veterinary Assistant:**

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

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

**Occupational Therapy Assistant:** <https://pmi.edu/programconsumerinfo/022171/ota/occupational-therapy-assistant>

**Ophthalmic Medical Technician:** <https://pmi.edu/programconsumerinfo/022171/omt/ophthalmic-medical-technician>

**Physical Therapist Assistant:** <https://pmi.edu/programconsumerinfo/022171/pta/physical-therapist-assistant>

**Radiography:** <https://pmi.edu/programconsumerinfo/022171/rad/radiography>

**Respiratory Therapy:** <https://pmi.edu/programconsumerinfo/022171/rt/respiratory-therapy>

**Surgical Technology:** <https://pmi.edu/programconsumerinfo/022171/st/surgical-technology>

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](http://www.pmi.edu/consumerinfo)



Pima Medical Institute - Denver 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
Dental Assistant (DEN)	\$14,045	\$13,089	\$150	\$641	\$165	6	28/720	30/34	5/240
Expanded Duties Dental Assistant (EDDA)	\$2,155	\$1,839	\$150	\$166	\$0	0	<b>2/40</b>	<b>8</b>	none
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
Nursing Assistant/Nurses Aide (NA)	\$1,593	\$1,221	\$150	\$152	\$70	1	4.5/130	5/6	0.5/40
Occupational Therapy Assistant (OTA)	\$35,417	\$33,245	\$150	\$1,857	\$165	18	70.5/1712	80	15.5/720
Ophthalmic Medical Technician (OMT)	\$32,146	\$29,975	\$150	\$1,856	\$165	32	73.5/1916	80	19.5/896
Pharmacy Technician (PHA)	\$14,081	\$12,972	\$150	\$794	\$165	6	35.5/840	36/41	5/240
Physical Therapist Assistant (PTA)	\$34,668	\$32,265	\$150	\$2,088	\$165	16	66.5/1586	75	13.5/640
Radiography (RAD)	\$38,999	\$36,540	\$150	\$2,144	\$165	64	87/2728	96	42/1968
Respiratory Therapy (RT)	\$41,468	\$38,910	\$150	\$2,243	\$165	22	87/2016	85	15.5/720
Sterile Processing Technician (SPT)	\$13,534	\$12,654	\$150	\$565	\$165	10	35.5/900	35/39	8.5/400
Surgical Technology	\$31,308	\$29,635	\$150	\$1,358	\$165	18	77/1740	75	13/600
Veterinary Assistant (VTA)	\$13,805	\$12,824	\$150	\$666	\$165	6	30/720	30/34	5/240

\*Includes Tax @ 4.85%

(Changes in Bold)

Revision Date: 02/23/18

## 2018 Start Dates

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

### Certificate Programs

BNA (EVE) - 6 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/8/18		2/12/18	2/16/18
5:30 pm - 10:00 pm	2/26/18		4/2/18	4/6/18
Sequence = 5 Wks	4/16/18		5/21/18	5/25/18
Sequence 1	6/4/18		7/9/18	7/13/18
Externship: 1 Wk	7/16/18		8/20/18	8/24/18
Version: BNAN12	9/3/18		10/8/18	10/12/18
Credits: 4.5	10/22/18		11/26/18	11/30/18
Hours: 130	12/3/18		1/21/19	1/25/19

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 (AFT) - 30 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/22/18	6/11/18	7/9/18	8/17/18
12:30 pm - 5:30 pm	3/5/18	7/23/18	8/20/18	9/28/18
Sequence = 6 Wks	4/16/18	9/3/18	10/1/18	11/9/18
Career Prep	5/28/18	10/15/18	11/12/18	12/21/18
Sequence 1, 2 & 3	7/9/18	11/26/18	1/7/19	2/15/19
Externship: 6 Wks	8/20/18	1/21/19	2/18/19	3/29/19
Version: DA-D08-B	10/1/18	3/4/19	4/1/19	5/10/19
Credits: 28	11/12/18	4/15/19	5/13/19	6/21/19
Hours: 720	1/7/19	5/27/19	6/24/19	8/2/19

DA (EVE) - 34 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/29/18	7/9/18	8/13/18	9/21/18
5:50 pm - 10:10 pm	3/19/18	8/27/18	10/1/18	11/9/18
Sequence = 7 Wks	5/7/18	10/15/18	11/19/18	1/11/19
Career Prep	6/25/18	12/3/18	1/21/19	3/1/19
Sequence 1, 2 & 3	8/13/18	2/4/19	3/11/19	4/19/19
Externship: 6 Wks	10/1/18	3/25/19	4/29/19	6/7/19
Version: DA-N08-B	11/19/18	5/13/19	6/17/19	7/26/19
Credits: 28	1/21/19	7/1/19	8/5/19	9/13/19
Hours: 720	3/11/19	8/19/19	9/23/19	11/1/19

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	1/22/18	7/23/18	8/20/18	9/21/18
12:30 pm - 5:30 pm	3/5/18	9/3/18	10/1/18	11/2/18
Sequence = 6 Wks	4/16/18	10/15/18	11/12/18	12/14/18
Career Prep	5/28/18	11/26/18	1/7/19	2/8/19
Sequence 1, 2, 3 & 4	7/9/18	1/21/19	2/18/19	3/22/19
Externship: 5 Wks	8/20/18	3/4/19	4/1/19	5/3/19
Version: MA-D09	10/1/18	4/15/19	5/13/19	6/14/19
Credits: 34	11/12/18	5/27/19	6/24/19	7/26/19
Hours: 800	1/7/19	7/8/19	8/5/19	9/6/19

MDA (EVE) - 40 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/29/18	8/27/18	10/1/18	11/2/18
5:50 pm - 10:10 pm	3/19/18	10/15/18	11/19/18	12/21/18
Sequence = 7 Wks	5/7/18	12/3/18	1/21/19	2/22/19
Career Prep	6/25/18	2/4/19	3/11/19	4/12/19
Sequence 1, 2, 3 & 4	8/13/18	3/25/19	4/29/19	5/31/19
Externship: 5 Wks	10/1/18	5/13/19	6/17/19	7/19/19
Version: MA-N09	11/19/18	7/1/19	8/5/19	9/6/19
Credits: 34	1/21/19	8/19/19	9/23/19	10/25/19
Hours: 800	3/11/19	10/7/19	11/11/19	12/13/19

MAA (EVE) - 34 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/29/18	7/9/18	8/13/18	9/21/18
5:50 pm - 10:10 pm	3/19/18	8/27/18	10/1/18	11/9/18
Sequence = 7 Wks	5/7/18	10/15/18	11/19/18	1/11/19
Career Prep	6/25/18	12/3/18	1/21/19	3/1/19
Sequence 1, 2 & 3	8/13/18	2/4/19	3/11/19	4/19/19
Externship: 6 Wks	10/1/18	3/25/19	4/29/19	6/7/19
Version: MAA-N12	11/19/18	5/13/19	6/17/19	7/26/19
Credits: 29	1/21/19	7/1/19	8/5/19	9/13/19
Hours: 720	3/11/19	8/19/19	9/23/19	11/1/19

PHA (AM) - 36 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Fri	2/12/18	8/13/18	9/10/18	10/19/18
8:00 am - 12:00 pm	3/26/18	9/24/18	10/22/18	11/30/18
Sequence = 6 Wks	5/7/18	11/5/18	12/3/18	1/25/19
Career Prep	6/18/18	12/17/18	1/28/19	3/8/19
Sequence 1, 2, 3 & 4	7/30/18	2/11/19	3/11/19	4/19/19
Externship: 6 Wks	9/10/18	3/25/19	4/22/19	5/31/19
Version: RXTD17	10/22/18	5/6/19	6/3/19	7/12/19
Credits: 35.5	12/3/18	6/17/19	7/15/19	8/23/19
Hours: 840	1/28/19	7/29/19	8/26/19	10/4/19

PHA (AFT) - 36 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/22/18	7/23/18	8/20/18	9/28/18
12:30 pm - 5:30 pm	3/5/18	9/3/18	10/1/18	11/9/18
Sequence = 6 Wks	4/16/18	10/15/18	11/12/18	12/21/18
Career Prep	5/28/18	11/26/18	1/7/19	2/15/19
Sequence 1, 2, 3 & 4	7/9/18	1/21/19	2/18/19	3/29/19
Externship: 6 Wks	8/20/18	3/4/19	4/1/19	5/10/19
Version: RXTD17	10/1/18	4/15/19	5/13/19	6/21/19
Credits: 35.5	11/12/18	5/27/19	6/24/19	8/2/19
Hours: 840	1/7/19	7/8/19	8/5/19	9/13/19

PHA (EVE) - 41 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/29/18	8/27/18	10/1/18	11/9/18
5:50 pm - 10:10 pm	3/19/18	10/15/18	11/19/18	1/11/19
Sequence = 7 Wks	5/7/18	12/3/18	1/21/19	3/1/19
Career Prep	6/25/18	2/4/19	3/11/19	4/19/19
Sequence 1, 2, 3 & 4	8/13/18	3/25/19	4/29/19	6/7/19
Externship: 6 Wks	10/1/18	5/13/19	6/17/19	7/26/19
Version: RXTN17	11/19/18	7/1/19	8/5/19	9/13/19
Credits: 35.5	1/21/19	8/19/19	9/23/19	11/1/19
Hours: 840	3/11/19	10/7/19	11/11/19	12/20/19

SPT (AM) - 35 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Fri	2/12/18	8/13/18	7/30/18	10/12/18
8:00 am - 12:00 pm	3/26/18	9/24/18	9/10/18	11/23/18
Sequence = 6 Wks	5/7/18	11/5/18	10/22/18	1/18/19
Career Prep	6/18/18	12/17/18	12/3/18	3/1/19
Sequence 1, 2 & 3	7/30/18	2/11/19	1/28/19	4/12/19
Extern/Cert Rev: 11 Wks	9/10/18	3/25/19	3/11/19	5/24/19
Version: SPT-D	10/22/18	5/6/19	4/22/19	7/5/19
Credits: 35.5	12/3/18	6/17/19	6/3/19	8/16/19
Hours: 900	1/28/19	7/29/19	7/15/19	9/27/19

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 (AFT) - 30 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/22/18	6/11/18	7/9/18	8/17/18
12:30 pm - 5:30 pm	3/5/18	7/23/18	8/20/18	9/28/18
Sequence = 6 Wks	4/16/18	9/3/18	10/1/18	11/9/18
Career Prep	5/28/18	10/15/18	11/12/18	12/21/18
Sequence 1, 2 & 3	7/9/18	11/26/18	1/7/19	2/15/19
Externship: 6 Wks	8/20/18	1/21/19	2/18/19	3/29/19
Version: VTAD08	10/1/18	3/4/19	4/1/19	5/10/19
Credits: 30	11/12/18	4/15/19	5/13/19	6/21/19
Hours: 720	1/7/19	5/27/19	6/24/19	8/2/19

VTA (EVE) - 34 Wks	Start Date	Midpoint	Extern	Grad Date
Mon - Thur	1/29/18	7/9/18	8/13/18	9/21/18
5:50 pm - 10:10 pm	3/19/18	8/27/18	10/1/18	11/9/18
Sequence = 7 Wks	5/7/18	10/15/18	11/19/18	1/11/19
Career Prep	6/25/18	12/3/18	1/21/19	3/1/19
Sequence 1, 2 & 3	8/13/18	2/4/19	3/11/19	4/19/19
Externship: 6 Wks	10/1/18	3/25/19	4/29/19	6/7/19
Version: VTAN08	11/19/18	5/13/19	6/17/19	7/26/19
Credits: 30	1/21/19	7/1/19	8/5/19	9/13/19
Hours: 720	3/11/19	8/19/19	9/23/19	11/1/19

### Continuing Education

EDDA (AM) - 9 Wks	Start Date	Midpoint	Extern	Grad Date
Saturday	3/17/18			5/19/18
8:00 am - 1:00 pm				
Version: EDDAD				
Credits: 2				
Hours: 45				

### Degree Programs

OMT (AM) - 80 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Thur	11/26/18	2/18/19	3/28/19	
8:00 am - 12:00 pm	4/8/19	6/17/19	7/25/19	
5 Semesters	8/5/19	10/14/19	11/28/19	
Semester = 16 Wks	12/9/19	3/2/20	4/9/20	
Version: OMT09	4/20/20	6/29/20	8/6/20	8/6/20
73.5 Crds / 1,916 Hrs	Sem 3 - AAO Conference 10/14/19-10/18/19			

OMT (AFT) - 80 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Thur	1/8/18	3/19/18	4/26/18	
1:00 pm - 5:00 pm	5/7/18	7/16/18	8/23/18	
5 Semesters	9/3/18	11/12/18	1/10/19	
Semester = 16 Wks	1/14/19	3/25/19	5/2/19	
Version: OMT09	5/13/19	7/22/19	8/29/19	8/29/19
73.5 Crds / 1,916 Hrs	Sem 3 - AAO Conference 10/29/18-11/2/18			

OTA (AM) - 80 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Thur	3/26/18	6/4/18	7/12/18	
8:00 am - 12:00 pm	7/23/18	10/1/18	11/8/18	
5 Semesters	11/19/18	2/11/19	3/21/19	
Semester = 16 Wks	4/1/19	6/10/19	7/18/19	
Version: OTA-10	7/29/19	10/7/19	11/14/19	11/14/19
70.5 Crds / 1,712 Hrs				

OTA (AFT) - 80 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Thur	11/19/18	2/11/19	3/21/19	
1:00 pm - 5:00 pm	4/1/19	6/10/19	7/18/19	
5 Semesters	7/29/19	10/7/19	11/14/19	
Semester = 16 Wks	11/25/19	2/17/20	3/26/20	
Version: OTA-10	4/6/20	6/15/20	7/23/20	7/23/20
70.5 Crds / 1,712 Hrs				



PTA (AM) - 75 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Thur	6/4/18	8/13/18	9/13/18	
8:00 am - 12:00 pm	9/24/18	12/3/18	1/17/19	
5 Semesters	1/28/19	4/8/19	5/10/19	
Semester = 15 Wks	5/20/19	7/29/19	8/30/19	
Version: PTA14	9/9/19	11/18/19	12/20/19	12/20/19
66.5 Crds / 1,586 Hrs				

RAD (AM) - 96 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Fri	5/7/18	7/16/18	8/24/18	
8:00 am - 12:00 pm	9/3/18	11/12/18	12/21/18	
6 Semesters	1/7/19	3/18/19	4/26/19	
Semester = 16 Wks	5/6/19	7/15/19	8/23/19	
Version: RAD15	9/2/19	11/11/19	12/20/19	
87 Crds / 2,728 Hrs	1/6/20	3/16/20	4/24/20	4/24/20

RT (AM) - 85 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Fri	3/19/18	6/4/18	7/13/18	
8:00 am - 12:00 pm	7/23/18	10/8/18	11/16/18	
5 Semesters	11/26/18	2/25/19	4/5/19	
Semester = 17 Wks	4/15/19	7/1/19	8/9/19	
Version: RT15	8/19/19	11/4/19	12/13/19	12/13/19
87 Crds / 2,016 Hrs				

RT (AFT) - 85 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Fri	8/20/18	11/5/18	12/14/18	
12:30 pm - 4:30 pm	1/7/19	3/25/19	5/3/19	
5 Semesters	5/13/19	7/29/19	9/6/19	
Semester = 17 Wks	9/16/19	12/2/19	1/24/20	
Version: RT15	2/3/20	4/20/20	5/29/20	5/29/20
87 Crds / 2,016 Hrs				

ST (AM) - 75 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Fri	5/7/18	7/16/18	8/17/18	
8:00 am - 12:00 pm	8/27/18	11/5/18	12/7/18	
5 Semesters	12/17/18	3/11/19	4/12/19	
Semester = 15 Wks	4/22/19	7/1/19	8/2/19	
Version: ST	8/12/19	10/21/19	11/22/19	11/22/19
77 Crds / 1,740 Hrs				

ST (AFT) - 75 Wks	Sem Start	Stipend	Sem End	Grad Date
Mon - Fri	12/10/18	3/4/19	4/5/19	
1:00 pm - 5:00 pm	4/15/19	6/24/19	7/26/19	
5 Semesters	8/5/19	10/14/19	11/15/19	
Semester = 15 Wks	11/25/19	2/17/20	3/20/20	
Version: ST	3/30/20	6/8/20	7/10/20	7/10/20
77 Crds / 1,740 Hrs				

# 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
<b>Semester I Total</b>		<b>240</b>	<b>40</b>		<b>16.5</b>

### 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
<b>Semester II Total</b>		<b>200</b>	<b>80</b>		<b>15.0</b>

### 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
<b>Semester III Total</b>		<b>140</b>	<b>140</b>		<b>13.5</b>

### 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
<b>Semester IV Total</b>		<b>140</b>	<b>100</b>		<b>12.0</b>

### 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
<b>Semester V Total</b>		<b>30</b>	<b>80</b>	<b>400</b>	<b>12.5</b>
<b>PROGRAM TOTALS</b>		<b>750</b>	<b>440</b>	<b>400</b>	<b>69.5</b>



## 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

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## **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*

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# COURSE DESCRIPTIONS

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## **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*

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# COURSE DESCRIPTIONS

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## **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*

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