



**ASSOCIATE OF APPLIED SCIENCE,  
MEDICAL LABORATORY TECHNOLOGY  
2006-2007**

This program is delivered in an online/hybrid format and is available in a one year fast-track option and a two year traditional route.

The MLT program is designed to prepare qualified laboratory professionals to perform various laboratory studies in hospitals, clinics, or medical laboratories. Upon successful completion of the program, graduates are eligible to take National Certification Examinations to become a certified Medical Laboratory Technician/Clinical Laboratory Technician.

As a certified MLT/CLT, employment is available in hospitals and clinics as well as veterinary, industrial and environmental laboratories in Colorado and other states. The program is approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). NAACLS can be reached at 8410 Bryn Mawr Ave., Suite 670, Chicago, IL, 60631-3415, 312-714-8880.

**Admission Requirements:**

- 1) High School graduation or GED equivalence
- 2) Complete MLT program application packet
- 3) College application
- 4) Recommended algebra and one year of high school biology or chemistry (or one college semester of either)
- 5) CPT is required for all MLT students (no exceptions)
- 6) Personal interview with the MLT Program Director is required before assignment to MLT courses
- 7) Hepatitis vaccination and other immunizations

More than two years may be taken to complete the program. Students may begin academic classes other than "MLT" at any time, according to published semester schedules.

The cost for uniforms, updated vaccinations, Hepatitis B immunization shots, liability insurance and student lab supplies is approximately \$350.00.

**Transfer students:** Courses from NAACLS approved MLT/CLT programs and Military Laboratory Specialists programs will be evaluated on an individual basis. Anyone interested may take specific classes with instructor permission on a space-available basis without being enrolled in the MLT program.

Please refer to the MLT Admission Packet for CPT placement scores. You can call the division office at 303-797-5888 or the MLT office at 303-797-5796 for Admission Packets.

All major, general education courses and other courses required for this degree must be completed with a grade of "C" or better to meet graduation requirements.

All MLT didactic courses are offered in an online/hybrid format. Student lab sessions meet on select Fridays from 4:30-8:30 p.m. and on Saturday from 9:00 a.m. to 4:40 p.m.

**Major Courses – 42 credit hours**

	MLT 131 Introduction to Hematology	2
	MLT 132 Hematology II	4
	MLT 141 Immunology/Immunohematology	4
	MLT 142 Urinalysis	2
	MLT 180 Internship I, Blood Bank	1
	MLT 182 Internship II, Hematology	5
	MLT 231 Clinical	4
	MLT 232 Parasitology/Mycology	2
	MLT 241 Introduction to Clinical Chemistry	2
	MLT 242 Clinical Chemistry II	4
	MLT 243 Clinical Practices	1
	MLT 253 Seminar/Comprehensive Exams	1
	MLT 280 Internship III, Chemistry	5
	MLT 282 Internship IV, Microbiology	5

**General Education Courses – 23 credit hours**

	BIO 201 Human Anatomy & Physiology I	4
	BIO 202 Human Anatomy & Physiology II	4
	CHE 101 Introduction to Chemistry <b>OR</b>	
	CHE 111 General College Chemistry	5
	CIS 118 Introduction to PC Applications	3
	ENG 121 English Composition I <b>OR</b>	
	ENG 131 Technical Writing	3
	SPE 115 Public Speaking <b>OR</b>	
	SPE 125 Interpersonal Communications	3

**Physical Education – 1 credit hour**

	PED Any Activity Course (The PED requirement will be waived for students who are 35 yrs or older at time of most recent admission to College. One credit hour must be taken to substitute for hour waived)	1
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**IMPORTANT TELEPHONE NUMBERS:**

**STUDENT SERVICES**

<b>Admission and Records</b>	<b>M2470</b>	<b>303.797.5621</b>
<ul style="list-style-type: none"> <li>• Graduation coordination</li> <li>• Residency petitions</li> <li>• General information</li> </ul>		
<b>Advising and Counseling Center</b>	<b>M 2010</b>	<b>303.797.5664</b>
<ul style="list-style-type: none"> <li>• Educational planning</li> <li>• Transfer advising</li> <li>• Academic success counseling</li> </ul>		
<b>Bookstore</b>	<b>M1200</b>	<b>303.797.5676</b>
<ul style="list-style-type: none"> <li>• Order books online at <a href="http://www.efollett.com">www.efollett.com</a></li> </ul>		
<b>Campus Police</b>	<b>M2600</b>	<b>303.797.5800</b>
<ul style="list-style-type: none"> <li>• Student ID cards, parking permits, locker rental</li> <li>• Crime reporting, escort to your car after hours</li> <li>• First aid</li> <li>• Lost and found</li> </ul>		
<b>Career Center</b>	<b>M2025</b>	<b>303.797.5805</b>
<ul style="list-style-type: none"> <li>• Career planning seminars</li> <li>• Career resource library</li> <li>• Employment services</li> <li>• Job fairs</li> </ul>		
<b>Cashier</b>	<b>M2300</b>	<b>303-797-5638</b>
<ul style="list-style-type: none"> <li>• Tuition payment, payment plans, refunds, general financial information</li> <li>• Ticket sales</li> </ul>		
<b>Child Development Center</b>	<b>N1000</b>	<b>303.797.5678</b>
<ul style="list-style-type: none"> <li>• High quality, flexible, convenient, moderately-priced childcare services for ACC students, staff and faculty on a space-available basis</li> </ul>		
<b>Disability Services</b>	<b>M2710</b>	<b>303.797.5937 v/tty</b>
<ul style="list-style-type: none"> <li>• Academic accommodations and specialized consultation for students with documented disabilities. Computer adaptations for students with vision, learning, orthopedic, or other disabilities.</li> </ul>		
<b>Financial Aid</b>	<b>M2115</b>	<b>303.797.5661</b>
<ul style="list-style-type: none"> <li>• Apply online at <a href="http://www.FAFSA.ed.gov">www.FAFSA.ed.gov</a></li> </ul>		
<b>Information Central</b>	<b>M2800</b>	<b>303-797-4222</b>
<ul style="list-style-type: none"> <li>• Registration, Add/Drop, Withdrawal, Schedules and general information</li> <li>• Name/address/personal information changes etc.</li> </ul>		
<b>Library (Weber Center for Learning Resources)</b>	<b>M2500</b>	<b>303.797.5090</b>
<ul style="list-style-type: none"> <li>• Private study rooms</li> </ul>		
<b>Math Lab</b>	<b>M3610</b>	<b>303.797.5877</b>
<ul style="list-style-type: none"> <li>• Students must register for MAT 101 Enhanced Mathematics Lab</li> </ul>		
<b>Open Computer Lab</b>	<b>M1650</b>	<b>303.797.5907</b>
<ul style="list-style-type: none"> <li>• FREE computer access for registered students with an ACC Student ID</li> </ul>		
<b>Student Affairs</b>	<b>M2820</b>	<b>303.797.5668</b>
<ul style="list-style-type: none"> <li>• Student Senate</li> <li>• Student Newspaper</li> <li>• Student Clubs and Programming</li> <li>• Student Grievances and Discipline</li> </ul>		
<b>Testing Center</b>	<b>M2280</b>	<b>303.797.5993</b>
<ul style="list-style-type: none"> <li>• Computerized Placement Test (CPT)</li> <li>• GED testing, Instructor testing, CLEP/correspondence testing</li> </ul>		
<b>Tutorial Services</b>	<b>M2710</b>	<b>303.797.5937 v/tty</b>
<ul style="list-style-type: none"> <li>• FREE workshops and academic tutors to supplement and enrich course requirements for those that qualify</li> </ul>		
<b>Writing Center</b>	<b>M2855</b>	<b>303.797.5830</b>
<b>Location Abbreviations:</b>		
<ul style="list-style-type: none"> <li>• <b>A</b> – Annex.</li> <li>• <b>AD</b> – Art and Design Center</li> <li>• <b>CSB</b> – Church Street Building</li> <li>• <b>DTC</b> – Triad N Bldg Suite 111 (5660 Greenwood Plaza Blvd, Greenwood Village)</li> <li>• <b>M</b> – Main Building</li> <li>• <b>N</b> – North Building</li> <li>• <b>UCC</b> – University Center at Chaparral (15653 Brookstone Dr, Parker)</li> </ul>		

**ASSESSMENT REQUIREMENTS:**

Basic Skills courses may be required based on assessment scores. It is the student's responsibility to take these course requirements within the first 30 credits at ACC. Basic Skills courses are also available at other area community colleges.

Tested Out/ Completed	Semester	ACT/ SAT Last 2 yrs	Accuplacer	Course	Credits	
<b>Sentence Skills</b>						
			25-49	See Developmental Studies Advisor		
			50-69	ENG060	3	
			70-94	ENG090	3	
		18/440	95-120	ENG 121	3	
<b>Reading</b>						
			25-39	See Developmental Studies Advisor		
			40-61	REA060	3	
			62-79	REA090	3	
		17/430	80-120	REA 112	3	
<b>Mathematics</b>						
			Arithmetic 24-56	MAT030	2	
			Arithmetic 57-120	MAT060	3	
			Elem. Alg. 45-60	MAT090	4	
			Elem. Alg. 61-84	MAT106/111	5	
		19/460	85-120	MAT 120,121,123,135/179	4	
<b>Study Skills/Orientation</b>						
			Academic Achievement Strategies		AAA090	3
			College Orientation		AAA103	1
			Advanced Academic Achievement		AAA 109	3

**EXEMPTIONS TO TESTING:**

1. Have successfully completed a college-level mathematics and college-level english course with a grade of C or better. You must provide a transcript.
2. Have achieved the minimum ACT/SAT scores shown above within the last 2 years and provide documentation.
3. Have successfully completed necessary remedial course(s), if required with a "C" or better.
4. Have earned an Associate's degree or higher. You must provide documentation.
5. Some degree programs do not allow a waiver for the CPT.

**IMPORTANT TRANSFER INFORMATION:**

1. It is important that you consult an advisor and the transfer institution when choosing courses, as certain majors have particular degree prerequisites and general education course requirements that need to be taken within the Associate degree program.
2. Students who complete a 60 credit hour A.A./A.S. degree with appropriate course requirements and grades of C or better may be able to complete a Baccalaureate degree in 60 additional credits after transferring to a 4-year public institution.
3. Consult your ACC Advisor about Colorado's 60 + 60 plans.

**SUGGESTIONS FOR SUCCESS**

1. Take your CPT or be exempted (see above) before meeting with an academic advisor.
2. Take English, Speech and Math classes early in your program.
3. See your advisor about balancing your workload with credit load.
4. If you want to graduate in two years, take a minimum of fifteen college-level credits per fall/spring semester or twelve credits Fall/Spring and six credits Summer.
5. Transfer and financial aid students should consult an advisor before registering.

**ADDITIONAL CLASS FORMATS**

Many of the classes in this degree can be taken as **flex**, **online** or **hybrid** courses. Symbols in the semester schedule indicate which classes are offered in these formats.

You must apply for graduation at [www.arapahoe.edu](http://www.arapahoe.edu) (Student Support Services) or at Information Central by: **April 1 (summer graduation), July 1 (fall graduation) and November 1 (spring graduation).**

For more information log on to [www.arapahoe.edu](http://www.arapahoe.edu).