



**ASSOCIATE OF APPLIED SCIENCE,
MEDICAL LABORATORY TECHNOLOGY
2007-2008**

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/Immunoematology	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 OR	
	CHE 111 General College Chemistry	5
	CIS 118 Introduction to PC Applications	3
	ENG 121 English Composition I OR	
	ENG 131 Technical Writing	3
	SPE 115 Public Speaking OR	
	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 PROGRAM INFORMATION:

Please see Jennifer Wolff, Department Chair, with any questions concerning this program; 303.797.5796 or Jennifer.Wolff@arapahoe.edu.

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
Sentence Skills					
			25-49	See Developmental Studies Advisor	
			50-69	ENG060	3
			70-94	ENG090	3
		18/440	95-120	ENG 121	3
Reading					
			25-39	See Developmental Studies Advisor	
			40-61	REA060	3
			62-79	REA090	3
		17/430	80-120	REA 112	3
Mathematics					
		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
Study Skills/Orientation					
	Academic Achievement Strategies			AAA090	3
	College Orientation			AAA101	1
	Advanced Academic Achievement			AAA 109	3

EXEMPTIONS TO ASSESSMENT 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 TELEPHONE NUMBERS:

Admission and Records	admissions@arapahoe.edu	M2470	303.797.5621
Advising and Counseling Center	advising@arapahoe.edu	M 2010	303.797.5664
Bookstore	0249mgr@fhcg.follett.com	M1200	303.797.5676
Campus Police	campuspolice@arapahoe.edu	M2600	303.797.5800
Career Center	careers@arapahoe.edu	M2025	303.797.5805
Cashier		M2300	303-797-5638
Child Development Center		N1000	303.797.5678
Disability Services	heather.lawler@arapahoe.edu	M2710	303.797.5937 v/tty
Financial Aid		M2115	303.797.5661

- Apply online at www.FAFSA.ed.gov

Information Central	info-central@arapahoe.edu	M2800	303-797-4222
Library	library@arapahoe.edu	M2500	303.797.5090
Math Lab	math@arapahoe.edu	M3610	303.797.5877

- Students must register for MAT 101 Enhanced Mathematics Lab

Open Computer Lab		M1650	303.797.5907
Student Affairs	heather.lawler@arapahoe.edu	M2820	303.797.5668
Testing Center		M2280	303.797.5993
Tutorial Services	debra.goldberg@arapahoe.edu	M2710	303.797.5937 v/tty
Writing Center		M2855	303.797.5830

Location Abbreviations:

A – Annex	AD – Art and Design Center
CSB – Church Street Building	M – Main Building
UCC – University Center @ Chaparral (15653 Brookstone Dr, Parker)	N – North Building

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.
4. ACC has articulation agreements with several four-year institutions; visit the ACC Transfer Center of the website (www.arapahoe.edu) for more information.

SUGGESTIONS FOR SUCCESS

1. Obtain and read a copy of the ACC catalog.
2. Attend a New Student Orientation session.
3. Maintain current contact information on file and read all correspondence from ACC.
4. Take your CPT or be exempted (see above) before meeting with an academic advisor.
5. Take English, Speech and Math classes early in your program.
6. See your advisor about balancing your workload with credit load.
7. 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.
8. Transfer and financial aid students should consult an advisor before registering.

GRADUATION INFORMATION

1. No catalog more than six years old may be used for graduation requirements; the 2007/2008 catalog may not be used beyond the Spring 2013 semester.
2. **You must apply for graduation; obtain the application online at www.arapahoe.edu (Student Services) and apply by: April 1 (summer graduation), July 1 (fall graduation) and November 1 (spring graduation).**

For more information log on to www.arapahoe.edu.

Last Updated 06.21.2007