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Academic Year
2014 - 2015

Medical Laboratory Technology

MLT Coordinator
408-864-8790

Biological, Health, Environ.
Sciences Division
Kirsch Center Room 228
408-864-8773

Counseling Center
Student & Community
Services Bldg. 2nd Fl.
408-864-5400

Career Services Info.
Student & Community
Services Bldg. 2nd Fl.
408-864-5400

Certificate of Achievement-Advanced Level Requirements

1. A minimum "C" grade in each major course.
2. Demonstrated proficiency in English and mathematics as evidenced by eligibility for EWRT 1A or ESL 5 and eligibility for MATH 114.

Note: A maximum of 18 quarter units may be transferred from other academic institutions.

A.A./A.S. Degree Requirements

1. Completion of all General Education (GE) requirements (31-42 quarter units) for the A.A./A.S. degree. GE units must be completed with a minimum 2.0 GPA ("C" average).
2. Completion of all major requirements. Each major course must be completed with a minimum "C" grade. Major courses can also be used to satisfy GE requirements (except for Liberal Arts degrees).
Note: A maximum of 22 quarter units from other academic institutions may be applied toward the major.
3. Completion of a minimum of 90 degree-applicable quarter units (GE and major units included). All De Anza courses must be completed with a minimum 2.0 GPA ("C" average).
All De Anza courses combined with courses transferred from other academic institutions must be completed with a minimum 2.0 GPA ("C" average).
Note: A minimum of 24 quarter units must be earned at De Anza College.

Major courses for certificates and degrees must be completed with a letter grade unless a particular course is only offered on a pass/no-pass basis.

Medical Laboratory Technology

Certificate of Achievement-Advanced

Note: to receive the Medical Laboratory Technology Certificate of Achievement-Advanced, the student must have an A.A./A.S. degree or higher.

The Medical Laboratory Technician (MLT) Certificate of Achievement-Advanced is available to students who have an associate or higher degree from an accredited US institution or the evaluated equivalent from foreign study. The certificate of achievement-advanced program is a 15-month course of study (including one summer) that prepares students for a career as a Medical Laboratory Technician through classroom study and supervised clinical training. The MLT program provides students with a quality education that complies with the established standards and guidelines of an accredited laboratory training program. Graduates of the certificate program are eligible to sit for a state approved national MLT certification examination.

Student Learning Outcomes - upon completion, students will be able to:

- pass a state approved national medical laboratory certification exam.

1. Meet the requirements for this certificate level.
2. Complete the following **prerequisites and requirements** with a "C" grade or better:

Prerequisites

State of California Phlebotomy Certification

Complete one (1) of the following sequences:

- BIOL 40A Human Anatomy and Physiology (5)
BIOL 40B Human Anatomy and Physiology (5)

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BIOL 40C	Human Anatomy and Physiology (5)	
or		
BIOL 6A	Form and Function in the Biological World (6)	
BIOL 6B	Cell and Molecular Biology (6)	
BIOL 6C	Evolution and Ecology (6)	
<i>Complete the following:</i>		
BIOL 26	Introductory Microbiology	6
CHEM 30A	Introduction to General, Organic and Biochemistry I	5
CHEM 30B	Introduction to General, Organic and Biochemistry II	5
	Prerequisite Units Required	31-34
Requirements		
HTEC 80A	Clinical Hematology Lecture	4.5
HTEC 80	Clinical Hematology Laboratory	1.5
HTEC 81A	Clinical Urinalysis Lecture	1.5
HTEC 81	Clinical Urinalysis Laboratory	0.75
HTEC 82A	Clinical Coagulation Lecture	1.5
HTEC 82	Clinical Coagulation Laboratory	0.75
HTEC 83A	Clinical Microbiology Lecture	4.5
HTEC 83	Clinical Microbiology Laboratory	1.5
HTEC 84A	Clinical Immunology/ Immunoematology Lecture	4.5
HTEC 84	Clinical Immunology/ Immunoematology Laboratory	1.5
HTEC 85C	Clinical Chemistry I Lecture	4.5
HTEC 85A	Clinical Chemistry I Laboratory	1.5
HTEC 85D	Clinical Chemistry II Lecture	4.5
HTEC 85B	Clinical Chemistry II Laboratory	1.5
HTEC 180	Clinical Hematology/Urinalysis/ Coagulation Practicum	6
HTEC 183	Clinical Microbiology Practicum	6
HTEC 184	Clinical Immunology/ Immunoematology Practicum	4.5
HTEC 185	Clinical Chemistry Practicum	6
	Total Units Required (Incl. Prereqs.)	88-91

Medical Laboratory Technology

A.A. Degree

The Associate degree in Medical Laboratory Technology is a 24-month course of study (including summers) that prepares students for a career as a Medical Laboratory Technician through classroom study and supervised clinical training. The MLT Program provides students with a quality education that complies with the established standards and guidelines of an accredited laboratory training program. Graduates of the degree program are eligible to sit for a state approved national MLT certification examination.

Student Learning Outcomes - upon completion, students will be able to:

- pass a state approved national medical laboratory certification exam.

For the major, complete the same prerequisites and requirements listed for the Medical Laboratory Technology Certificate of Achievement-Advanced (see above), and meet De Anza's A.A./A.S. degree requirements.