



Academic Year
2011 - 2012

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Medical Laboratory Technology

Please visit the Counseling Center to apply for certificates and degrees, and for academic planning assistance.

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) | |
| 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) | |

Complete the following.

- | | | |
|---------------------------------------|---------------------------|-------|
| BIOL 26 | Introductory Microbiology | 6 |
| CHEM 30A | Survey of Chemistry | 5 |
| CHEM 30B | Survey of Chemistry | 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/
Immunochemistry Lecture | 4.5 |
| HTEC 84 | Clinical Immunology/
Immunochemistry 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/
Immunochemistry Practicum | 4.5 |
| HTEC 185 | Clinical Chemistry Practicum | 6 |
| Total Units Required,
Including Prerequisites. | | 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.
1. For the major, complete the same prerequisites and requirements listed for the Medical Laboratory Technology Certificate of Achievement-Advanced (see above).
 2. Meet De Anza's A.A./A.S. degree requirements.