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| Program: Medical Laboratory Technician (68 credits) | Division: Health Professions |
| Please visit our Enrollment Information page for details on the Selective Admissions process for the Medical Laboratory Technician program. | Catalog Year: 2021-22 |

| PREREQUISITES | | | | | |
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| √ | Course# | Course Name | Cr. | Pre-requisites/ Co-requisites | Semesters |
| | CSS-103 | College Success Strategies | 3 | | All & OL |
| | MAT-110 | Intermediate Algebra | 3 | MAT-035 with a grade of "C" or better; COM-098 or EAP-050 and EAP-060 | All |
| | CHE-120 | Principles of Chemistry | 4 | MAT-030 with a "C" or better | Fall/Sp |
| | BIO-140 or BIO-150 | Essentials of Biology or Biology I | 4 | MAT-020 with a C or better; CHE-120 or high school Chemistry with a "C" or better; COM-098; MAT-030 | All |

| SEMESTER I – Fall (18 credits) | | | | | |
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| √ | Course# | Course Name | Cr. | Pre-requisites/ Co-requisites | Semesters |
| | COM-121 | English Composition I | 3 | COM- 098 or EAP- 050 and EAP- 060 with grades of "C" or better | All/OL |
| | BIO-250 | Anatomy & Physiology I | 4 | BIO-140 (recommended) or BIO-150 with a "C" or better | All |
| | MLT-110 | Introduction to the Clinical Laboratory | 1 | COM-098 or EAP- 050 and EAP-060; MAT-020 | Fall |
| | CHE-150 | Chemistry I | 4 | CHE-120 or high school chemistry with a "C" or better, MAT-110 with a "C" or better | Fall |
| | MAT-210 | Statistics | 3 | MAT-030, MAT-032, or MAT-035 with a "C" or better; COM-098 or EAP-050 and EAP-060 | All/OL |
| | IFT-110 | Microcomputer Applications | 3 | COM-098 or EAP-050 and EAP-060 | All/OL |

| SEMESTER 2 – Spring (16 credits) | | | | | |
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| √ | Course# | Course Name | Cr. | Pre-requisites/ Co-requisites | Semesters |
| | COM-151 COM-141 | Fundamentals of Speech or Technical Writing | 3 | COM-098 or EAP-050 and EAP-060 COM-121 or COM-122 with "C" or better | All/OL |
| | BIO-255 | Anatomy & Physiology II | 4 | BIO-250 with a "C" or better | All |
| | MLT-120 | Basic Immunology | 3 | Advanced biology within 5 years or BIO-140 or higher; COM-097 or EAP-020 and EAP-040 | Spring |
| | HEA-220 | Clinical Implication of Lab Tests | 1 | COM-098 or EAP-060 and EAP-050 | Spring |
| | CHE-250 | Organic Chemistry I | 4 | CHE-150 with a "C" or better | Spring |
| | CHE-251 | Chemistry of Biomolecules | 1 | BIO-150 or advanced high school biology; co-req. CHE-250 | Spring |

| SEMESTER 3 – Fall (16 credits) | | | | | |
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| √ | Course# | Course Name | Cr. | Pre-requisites/ Co-requisites | Semesters |
| | CHE-260 | Theory of Chemical Instrumentation | 2 | CHE-150 | Fall |
| | BIO-280 | Microbiology | 4 | BIO-140 or BIO-150 with a "C" or better; CHE-120 or high school chemistry with a "C" or better; COM-098 or EAP-050 and EAP-060 | All |
| | MLT-211 | Clinical Laboratory Techniques | 4 | MLT-120 and admission to the clinical portion of the MLT program | Fall |
| | PHI-271 or PHI-275 | Introduction to Philosophy Introduction to Ethics | 3 | COM-121 or COM-122 | All/OL |
| | SOC-130 or PSY-130 | Sociology General Psychology | 3 | COM-098 or EAP-050 and EAP-060 | All/OL |

| INTERIM JANUARY SESSION (2 credits) | | | | | |
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| √ | Course# | Course Name | Cr. | Pre-requisites/ Co-requisites | Semesters |
| | MLT-222 | Clinical Urinalysis | 1 | MLT-211; co-req. MLT-223 | Interim |
| | MLT-233 | Clinical Serology | 1 | MLT-211; co-req. MLT-222 | Interim |

| SEMESTER 4 – Spring (16 credits) | | | | | |
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| √ | Course# | Course Name | Cr. | Pre-requisites/ Co-requisites | Semesters |
| | MLT-220 | Clinical Hematology/Coagulation | 4 | MLT-211; co-req MLT-221, MLT-230, MLT-231 | Spring |
| | MLT-221 | Clinical Chemistry | 4 | MLT-211; co-req MLT-220, MLT-230, MLT-231 | Spring |
| | MLT-230 | Clinical Blood Banking & Immunology | 4 | MLT-211; co-req MLT-220, MLT-221, MLT-231 | Spring |
| | MLT-231 | Clinical Microbiology | 4 | MLT-211; co-req MLT-220, MLT-221, MLT-230 | Spring |

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| Date created: September 2020 | Updated: November 2021 | All = Fall/Spring/Summer OL = Online |
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