

**Jefferson State Community College  
MLT Program Curriculum  
Semester Sequences**

The MLT program admits students to the program every fall and summer semesters. We also offer a part-time sequence for student unable to attend full-time.

Examples of integrated semester-by-semester curricula guides for full-time students

**Fall Admission to MLT Program**

**Summer (pre-MLT)**

|  | <b>Credits</b> |
|--|----------------|
| ENG 101 English Composition I  | 3              |
| BIO 103 Principals of Biology<br><b>OR</b><br>BIO 201 Human Anatomy and Physiology I | 4              |
| MTH 116,100 or higher  | 3              |
| Chem 104 or higher   | 4              |
|  | <b>14</b>      |

**\*\*MLT 100 Phlebotomy and MLT 131 Laboratory Techniques is offered each semester and may be taken before admission to the program.**

**Fall (MLT Admission)**

|   |           |
|---|-----------|
| **MLT 100S Phlebotomy   | 2         |
| **MLT 131S Laboratory Techniques  | 4         |
| MLT 121S Hematology and Body Fluids   | 6         |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200 | 3         |
|   | <b>15</b> |

**Spring**

|                           |           |
|---------------------------|-----------|
| MLT 141S Microbiology I   | 5         |
| MLT 181S Immunology       | 2         |
| MLT 191S Immunohematology | 5         |
|                           | <b>12</b> |

**Summer**

|   |             |
|---|-------------|
| MLT 111S Urinalysis   | 3           |
| MLT 142S Microbiology II  | 3           |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200 | 3-6         |
|   | <b>9-12</b> |

**Fall**

|   |              |
|---|--------------|
| MLT 151S Clinical Chemistry   | 5            |
| MLT 161S Integrated Lab Simulation  | 2            |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200 | 3-6          |
|   | <b>10-13</b> |

**Spring**

|                                    |           |
|------------------------------------|-----------|
| MLT 293S Medical Seminar           | 2         |
| MLT 294S Medical Lab Practicum I   | 2         |
| MLT 295S Medical Lab Practicum II  | 2         |
| MLT 296S Medical Lab Practicum III | 2         |
| MLT 297S Medical Lab Practicum IV  | 2         |
|                                    | <b>10</b> |

| <b>Summer Admission to MLT Program</b>   |                |
|--|----------------|
| <b>Spring (pre-MLT)</b>  | <b>Credits</b> |
| ENG 101 English Composition I  | 3              |
| BIO 103 Principals of Biology<br><b>OR</b><br>BIO 201 Human Anatomy and Physiology I   | 4              |
| MTH 116,100 or higher  | 3              |
| Chem 104 or higher   | 4              |
|  | <b>14</b>      |
| <b>**MLT 100 Phlebotomy and MLT 131 Laboratory Techniques is offered each semester and may be taken before admission to the program.</b> |                |
| <b>Summer (MLT admission)</b>  |                |
| **MLT 100S Phlebotomy  | 2              |
| MLT 111S Urinalysis  | 3              |
| **MLT 131S Laboratory Techniques   | 4              |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200  | 3              |
|  | <b>12</b>      |
| <b>Fall</b>  |                |
| MLT 121S Hematology  | 6              |
| MLT 151S Clinical Chemistry  | 5              |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200  | 3              |
|  | <b>14</b>      |
| <b>Spring</b>  |                |
| MLT 141S Microbiology I  | 5              |
| MLT 181S Immunology  | 2              |
| MLT191S Immunohematology   | 5              |
|  | <b>12</b>      |
| <b>Summer</b>  |                |
| MLT 142S Microbiology II   | 3              |
| MLT 161S Integrated Lab Simulation   | 2              |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200  | 3-6            |
|  | <b>8-11</b>    |
| <b>Fall</b>  |                |
| MLT 293S Medical Seminar   | 2              |
| MLT 294S Medical Lab Practicum I   | 2              |
| MLT 295S Medical Lab Practicum II  | 2              |
| MLT 296S Medical Lab Practicum III   | 2              |
| MLT 297S Medical Lab Practicum IV  | 2              |
|  | <b>10</b>      |

| <b>Part-Time Semester Sequences</b>   |                |
|---|----------------|
| <b>Examples of integrated semester-by-semester curricula for part-time students. Pre-program admission courses must be completed prior to fall admission. All other general education requirements must be completed before the clinical semester</b> |                |
| <b>(Pre-MLT)</b>  | <b>Credits</b> |
| ENG 101 English Composition I   | 3              |
| BIO 103 Principals of Biology <b>OR</b><br>BIO 201 Human Anatomy and Physiology I   | 4              |
| MTH 116,100 or higher   | 3              |
| Chem 104 or higher  | 4              |
|   | <b>14</b>      |
| <b>Fall (MLT admission)</b>   |                |
| MLT 100S Phlebotomy   | 2              |
| MLT 131S Laboratory Techniques  | 4              |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200   | 3              |
|   | <b>9</b>       |
| <b>Spring</b>   |                |
| MLT 181S Immunology   | 3              |
| MLT 191S Immunoematology  | 5              |
|   | <b>8</b>       |
| <b>Summer</b>   |                |
| MLT 111S Urinalysis   | 3              |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200   | 3              |
|   | <b>6</b>       |
| <b>Fall</b>   |                |
| MLT 121S Hematology   | 3              |
| General Ed. Requirement (as needed)<br>SPH 106 <b>or</b> 107 <b>or</b> can substitute ENG 102<br>Humanities elective and Psychology 200   | 3              |
|   | <b>6</b>       |
| <b>Spring</b>   |                |
| MLT 141S Microbiology I   | 5              |
| <b>Summer</b>   |                |
| MLT 141S Microbiology I   | 4              |
| <b>Fall</b>   |                |
| MLT 151S Clinical Chemistry   | 5              |
| MLT 161S Laboratory Simulation  | 2              |
|   | <b>7</b>       |
| <b>Spring</b>   |                |
| MLT 293S Seminar  | 2              |
| MLT 294S Medical Lab Practicum I  | 2              |
| MLT 295S Medical Lab Practicum II   | 2              |
|   | <b>6</b>       |
| <b>Summer</b>   |                |
| MLT 294S Medical Lab Practicum III  | 2              |
| MLT 295S Medical Lab Practicum IV   | 2              |
|   | <b>4</b>       |

