



# NORTHWEST FLORIDA STATE COLLEGE

100 College Boulevard, E. • Niceville, FL 32578-1347 • (850) 678-5111 • www.nwfsc.edu

## Associate in Science in Medical Laboratory Technology Curriculum

| Semester                                      | Course ID            | Course Name  | Credit Hours |
|---|----------------------|--|--------------|
| <b>General Education/prerequisite Portion</b> |                      |  |              |
| <b>Fall Semester<br/>(Prerequisites)</b>      | MAC 1105             | College Algebra or higher                                  | 3            |
|   | ENC 1101             | English Composition I or higher                            | 3            |
|   | BSC 1085C            | Anatomy and <u>Physiology</u> I                            | 4            |
|   | _____                | Gen Ed Social and Behavioral Science                       | 3            |
|   | PSY 2012<br>DEP 2004 | Recommended: Psychology<br>Or Human Growth and Development |              |
| <b>Total</b>                                  |                      |  | <b>13</b>    |
| <b>Spring Semester<br/>(Prerequisites)</b>    | CHM 1045C            | College Chemistry 1  | 4            |
|   | BSC 1086C, BSC 1010C | Anatomy and Physiology II<br>OR Principles of Biology I    | 4            |
|   | _____*               | Gen Ed Humanities*   | 3            |
|   | PHI 2600             | Recommended: Introduction to Ethics                        |              |
|   | MCB 2010C            | Microbiology   | 4            |
| <b>Total</b>                                  |                      |  | <b>15</b>    |
| <b>Technical Education Portion</b>            |                      |  |              |
| <b>Fall Semester</b>                          | MLT 1022C            | Introduction to Medical Technology                         | 4            |
|   | MLT 1300C            | Hematology I   | 4            |
|   | MLT 1221C            | Urinalysis and Body Fluids                                 | 2            |
|   | MLT 1401C            | Medical Microbiology                                       | 6            |
|   | <b>Total</b>         |  |              |
| <b>Spring Semester</b>                        | MLT 1302C            | Hematology II  | 4            |
|   | MLT 1610C            | Clinical Chemistry   | 6            |
|   | MLT 1525C            | Immunohematology   | 4            |
|   | MLT 1500C            | Immunology/Serology  | 3            |
|   | <b>Total</b>         |  |              |
| <b>Summer Semester</b>                        | MLT 2800L            | Clinical Practicum – Core Lab                              | 4            |
|   | <b>Total</b>         |  |              |
| <b>Additional Semester</b>                    |                      |  |              |
| <b>Fall Semester</b>                          | MLT 2930             | MLT Capstone (Online)                                      | 3            |
|   | MLT 2807L            | Clinical practicum – Blood Banking                         | 4            |
|   | MLT 2811L            | Clinical practicum – Microbiology                          | 4            |
|   | <b>Total</b>         |  |              |
| <b>Total Hours</b>                            |                      |  | <b>76</b>    |

**\*Be sure to take a Humanities course that incorporates the Oral Communication component that satisfies the program’s “speaking-across-the-curriculum” requirement**