

# LABORATORY SCIENCE TECHNOLOGY

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This 65-credit hour concentration in the Associate of Science degree is designed to prepare students for employment as entry-level laboratory technicians. The curriculum has a strong foundation in chemistry and biology and was developed primarily from an industry perspective to prepare students for employment in a broad range of fields, including chemical, biological, environmental, industrial, and food analysis. The curriculum includes field experience to develop hands-on skills in a laboratory setting. The degree concentration not only prepares the student for immediate employment, but can also transfer smoothly to local universities to continue toward a bachelor's degree.

## Technical Standards

See here for details.

## Tech Prep Partner


See here for details.

## AS-Laboratory Science Technology

### First Year

#### First Semester

|          |  | Hours |
|----------|--|-------|
| BIO 1210 | Biology I                              | 4     |
| COM 1110 | English Composition                    | 3     |
| CPT 1250 | Computer Applications in the Workplace | 3     |
| MTH 1370 | College Algebra                        | 4     |
| SDE 1010 | First Year Experience                  | 1     |

|  |  |           |
|--|--|-----------|
|  |  |           |
| <b>Term Hours</b>  |  | <b>15</b> |

#### Second Semester

|          |                            |   |
|----------|----------------------------|---|
| BIO 1220 | Biology II                 | 4 |
| CHM 1010 | General Chemistry I        | 4 |
| COM 2400 | Composition and Literature | 3 |
| MTH 1260 | Statistics                 | 3 |
| SOC 1010 | Sociology                  | 3 |

|                   |  |           |
|-------------------|--|-----------|
| <b>Term Hours</b> |  | <b>17</b> |
|-------------------|--|-----------|

### Second Year


#### First Semester

|                         |                                   |   |
|-------------------------|-----------------------------------|---|
| CHM 1210                | General Chemistry II              | 4 |
| COM 2110<br>or COM 2213 | Public Speaking<br>or Verbal Judo | 3 |
| LST 1000                | Internship Experience             | 1 |
| PSY 1010                | General Psychology                | 3 |
| SOC 1320                | American Cultural Diversity       | 3 |

|             |   |   |
|-------------|---|---|
| ANT 2411    | Cultural Anthropology                             | 3 |
| or HST 1011 | or Western Civilization I                         |   |
| or HST 1012 | or Western Civilization II                        |   |
| or HST 1333 | or World Civilization I                           |   |
| or HST 1334 | or World Civilization II                          |   |
| or HST 2510 | or History of Latin America                       |   |
| or HST 2521 | or Women in World History                         |   |
| or LIT 2241 | or World Literature I                             |   |
| or LIT 2242 | or World Literature II                            |   |
| or LIT 2301 | or British Literature I                           |   |
| or LIT 2310 | or Literature and the Holocaust                   |   |
| or SOC 2211 | or World Religions: History, Belief, and Practice |   |

|                   |  |           |
|-------------------|--|-----------|
| <b>Term Hours</b> |  | <b>17</b> |
|-------------------|--|-----------|


#### Second Semester

|             |   |   |
|-------------|---|---|
| BIO 2820    |  Associate of Science Capstone | 1 |
| CHM 1310    | Organic Chemistry I   | 5 |
| COM 1140    | Technical Writing   | 3 |
| LST 1100    | Experimental Design   | 1 |
| MUS 1010    | Music Appreciation I  | 3 |
| or LIT 1450 | or Introduction to Film   |   |
| or THR 1010 | or Introduction to Theatre  |   |

|             |   |   |
|-------------|---|---|
| ANT 2411    | Cultural Anthropology                             | 3 |
| or HST 1011 | or Western Civilization I                         |   |
| or HST 1012 | or Western Civilization II                        |   |
| or HST 1333 | or World Civilization I                           |   |
| or HST 1334 | or World Civilization II                          |   |
| or HST 2510 | or History of Latin America                       |   |
| or HST 2521 | or Women in World History                         |   |
| or LIT 2241 | or World Literature I                             |   |
| or LIT 2242 | or World Literature II                            |   |
| or LIT 2301 | or British Literature I                           |   |
| or LIT 2310 | or Literature and the Holocaust                   |   |
| or SOC 2211 | or World Religions: History, Belief, and Practice |   |

|                   |  |           |
|-------------------|--|-----------|
| <b>Term Hours</b> |  | <b>16</b> |
|-------------------|--|-----------|

|                    |  |           |
|--------------------|--|-----------|
| <b>Total Hours</b> |  | <b>65</b> |
|--------------------|--|-----------|

 The ePortfolio requirement has been phased out and the ePortfolio indicators are being removed from the site.

 Capstone