

LABORATORY PRACTICES**Embedded Certificate****Degree Sheet**

2023-2024 Catalog

| General Education Courses | | | 10 Credit Hours | Credit Hours | Prerequisites |
|---|------|---------------------------------------|------------------------|---------------------|------------------------------|
| ENGL | 1113 | English Composition I | | 3 | [R] [W] |
| Select One: | | | | 3 | [M] |
| MATH | 1483 | Mathematical Functions and Their Uses | | | |
| MATH | 1513 | Precalculus I | | | |
| BIOL | 1303 | Principles of Biology | | 3 | [R] ICSM 0113 |
| BIOL | 1311 | Principles of Biology Lab | | 1 | [R] ICSM 0113 |
| Support and Related Courses | | | 4 Credit Hours | | |
| CHEM | 1154 | General, Organic and Biochemistry | | 4 | [R] [M] |
| Technical Occupational Specialty | | | 11 Credit Hours | | |
| BMFT | 1002 | Aseptic Techniques | | 2 | [R] [W] [M] |
| BMFT | 1102 | Basic Laboratory Operations | | 2 | MATH 1483 or 1513, CHEM 1154 |
| BMFT | 1113 | Introduction to Laboratory Management | | 3 | [R] [W] |
| BMFT | 1134 | Introduction to Laboratory Equipment | | 4 | CHEM 1154 |

Total to Graduate 25

The courses in this certificate program are included within the Biomanufacturing Technologies A.A.S. degree

ADDITIONAL GRADUATION REQUIREMENTS:

- 2.0 Graduation/Retention GPA
- 7 credit hours earned in residence at OSU-OKC
- Students must complete the prerequisite course with a grade of 'C' or better to advance to the next course in the required sequence

NOTES LEGEND:

FA= Fall, SP=Spring, SU=Summer
 [R] Reading Proficiency/Placement
 [W] Writing Proficiency/Placement
 [M] Math Proficiency/Placement