

Industrial Technology
Bachelor of Science (B.S.) <040T>
 Catalog Year 2016-17

| First Semester | | | | Second Semester | | | |
|------------------|----------|--|-------|-----------------|----------|--|-------|
| ENGL | 101 | Composition and Rhetoric (<i>GEF 1</i>) | 3.00 | ENGL | 102 | Composition and Rhetoric (<i>GEF 1</i>) | 3.00 |
| WVUE | 191 | First Year Seminar | 1.00 | <i>GEF</i> | <i>4</i> | Society and Connections | 3.00 |
| DRET | 120 | Drafting 1 | 2.00 | ENGR | 111 | Software Tools for Engineers | 3.00 |
| | | Technical Elective ⁽¹⁾ | 3.00 | MATH | 128 | Trigonometry (<i>GEF 8</i>) | 3.00 |
| <i>GEF</i> | <i>5</i> | Human Inquiry and the Past | 3.00 | MAE | 240 | Manufacturing Process | 3.00 |
| MATH | 126 | College Algebra (<i>GEF 3</i>) | 3.00 | | | | <hr/> |
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| | | | 15.00 | | | | 15.00 |
| Third Semester | | | | Fourth Semester | | | |
| CS | 101 | Intro to Computer Applications | 4.00 | DRET | 314 | Computer Graphics | 3.00 |
| ACCT | 201 | Principles of Accounting | 3.00 | ACCT | 202 | Principles of Accounting | 3.00 |
| PHYS | 101 | Introductory Physics (<i>GEF 2B</i>) | 4.00 | CHEM | 115 | Fund of Chemistry I | 4.00 |
| MATH | 155 | Calculus I (<i>GEF 8</i>) | 4.00 | PHYS | 102 | Introductory Physics (<i>GEF 8</i>) | 4.00 |
| | | | <hr/> | | | Technical Elective ⁽¹⁾ | 3.00 |
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| | | | 15.00 | | | | 17.00 |
| Fifth Semester | | | | Sixth Semester | | | |
| BCOR | 320 | Legal Environment of Business | 3.00 | INDT | 308 | Automated Manufacturing | 3.00 |
| ENGL | 305 | Technical Writing | 3.00 | INDT | 354 | Industrial Materials | 3.00 |
| INDT | 302 | Industrial Safety | 3.00 | INDT | 420 | Construction Technology | 3.00 |
| BCOR | 370 | Managing Individuals and Teams | 3.00 | BCOR | 360 | Operations & Quantitative Bus Methods | 3.00 |
| | | Technical Speciality Elective ⁽¹⁾ | 3.00 | | | Technic Technical Speciality Elective ⁽¹⁾ | 3.00 |
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| | | | 15.00 | | | | 15.00 |
| Seventh Semester | | | | Eighth Semester | | | |
| GNET | 412 | Project Management | 3.00 | GNET | 489 | Senior Seminar & Project ⁽²⁾ | 3.00 |
| GNET | 495 | Independent Study | 2.00 | INDT | 410 | Plant and Equipment Maintenance | 3.00 |
| <i>GEF</i> | <i>6</i> | The Arts and Creativity | 3.00 | <i>GEF</i> | <i>7</i> | Global Studies and Diversity | 3.00 |
| | | Technical Speciality Elective ⁽¹⁾ | 3.00 | | | Technical Speciality Elective ⁽¹⁾ | 2.00 |
| | | Technical Speciality Elective ⁽¹⁾ | 3.00 | | | Technical Speciality Elective ⁽¹⁾ | 3.00 |
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| | | | 14.00 | | | | 14.00 |

Total hours necessary to earn the B.S.C.E. degree = 120.00

Notes: ⁽¹⁾ Subject to approval of the advisor. Selected engineering courses may be taken with the approval of the advisor, the Chair of Engineering Technology Department, and the Chair of the engineering department offering the course, if prerequisite material covered is judged to be sufficient.

⁽²⁾ Capstone course.

Remarks: Transfer students entering the program will have their transcripts evaluated for equivalent course work. Any requirements, including those of the General Education Foundations curriculum, not satisfied by transfer courses, will need to be satisfied by appropriate additional courses.