

Degree: Bachelor of Science in Technology Studies
Major: Technology Studies
Concentration: Engineering Design Technology

Semester-by-semester Schedule for Full-Time Student

Fall, Freshman Year

| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
|--------------------------|----------------------------------|-----------------------------------------|--------------|
| TECS 130 | Tech Core | STEM in Technology Systems | 3 |
| TECS 180 | EDT content | Materials, Processes & Production | 3 |
| TECS 318 | Tech Core | Introduction to Computer Aided Drafting | 3 |
| ENG 101 | Foundation Studies | English Composition I | 3 |
| HHP 200 | Personal Well-Being | Personal Wellness | 3 |
| UNIV 101 | Freshman Seminar | Freshman Seminar | |
| TOTAL CREDIT HOURS | | | 15 |

Spring, Freshman Year

| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
|--------------------------|----------------------------------|-----------------------------------|--------------|
| TECS 120 | TECS Core | Power, Energy, and Transportation | 3 |
| TECS 200 | TECS Core | Engineering Graphics | 3 |
| ENG 102 | Foundation Studies | English Composition II | 3 |
| INF 101 | Foundation Studies | Introduction to Computer Systems | 3 |
| GSCI 100 | Mathematics and Natural Science | Introduction to Geology | 3 |
| TOTAL CREDIT HOURS | | | 15 |

Fall, Sophomore Year

| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
|--------------------------|----------------------------------|--------------------------------------|--------------|
| TECS 355 | EDT content | Computer Aided Drafting | 3 |
| TECS 406 | EDT content | Problems in Technology (elective) | 3 |
| MGT 101 | TECS Mgt Req | Introduction to Business | 3 |
| MATH 110 or MATH 101 | Foundation Studies | College Algebra or Contemporary Math | 3 |
| COMM 100 | Foundation Studies | Fundamentals of Oral Communication | 3 |
| TOTAL CREDIT HOURS | | | 15 |

Spring, Sophomore Year

| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
|--------------------------|----------------------------------|------------------------------------|--------------|
| TECS 312 | TECS Core | Graphic Communication Techniques | 3 |
| TECS 310 | EDT content | Manufacturing Graphics | 3 |
| PHYS 102 | Mathematics and Natural Science | Physical Science | 3 |
| PHYS 103 | Mathematics and Natural Science | Physical Science Lab | 1 |
| GSCI 110 | International Studies | World Geography | 3 |
| ART 180 | Humanities | Fundamentals & Appreciation of Art | 3 |
| TOTAL CREDIT HOURS | | | 16 |

Fall, Junior Year

| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
|--------------------------|----------------------------------|-----------------------------------------|--------------|
| TECS 415 | EDT content | Construction Graphics | 3 |
| TECS 495 | TECS Core | Training and Instructional Systems | 3 |
| FIN 205 | Social and Behavior Science | Theory and Practice of Personal Finance | 3 |
| PSY 100 | Social and Behavior Science | General Psychology | 3 |
| MATH 250 | Mathematics and Natural Science | Elements of Statistics | 3 |
| TOTAL CREDIT HOURS | | | 15 |

| Spring, Junior Year | | | |
|----------------------------|----------------------------------|----------------------------------------------|--------------|
| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
| TECS 375 | EDT content | Robotics: Engineering\Problem Solving | 3 |
| TECS 385 | EDT content | Construction Planning and Design | 3 |
| TECS 445 | EDT content | Civil Drafting | 3 |
| TECS 480 | TECS Core | Industrial Management | 3 |
| TECS 490 | TECS Core | Occupational Safety, health, and Liability | 2 |
| ECON 201 | Social and Behavior Science | Principles of Microeconomics | 3 |
| TOTAL CREDIT HOURS | | | 17 |
| Fall, Senior Year | | | |
| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
| TECS 475 | TECS Core | Mechanical and Electrical Systems | 3 |
| MGT 301 | TECS Mgt Req | Management Principles | 3 |
| TECS 391 | Upper-Division | Technology In Socoety | 3 |
| HIST 111 | International Studies | Modern World Civilization | 3 |
| COMM 318 | Humanities | Introduction to Organizational Communication | 3 |
| TOTAL CREDIT HOURS | | | 15 |
| Spring, Senior Year | | | |
| Course Prefix and Number | Course Set (on the degree sheet) | Course Name | Credit Hours |
| TECS 499 | TECS Core | Internship | 9 |
| IDS 350 | Humanities | Diversity in the United State | 3 |
| | | | |
| TOTAL CREDIT HOURS | | | 12 |