



ENGINEERING TECHNOLOGY

ASSOCIATE OF SCIENCE

Program Requirements

| GENERAL EDUCATION REQUIREMENTS | CREDIT HOURS |
|--|---------------------|
| COMMUNICATION | 9 |
| ENGL 1010: English Composition I | 3 |
| ENGL 1020: English Composition II | 3 |
| COMM 2025: Fundamentals of Communication or any approved speech/communication general education course | 3 |
| HUMANITIES & FINE ARTS (minimum 1 course in literature) | 9 |
| Any approved humanities or fine arts general education course | 3 |
| Any approved humanities or fine arts general education course | 3 |
| (literature) Any approved humanities literature general education course | 3 |
| SOCIAL/BEHAVIORAL SCIENCES | 6 |
| Any approved Social/Behavioral general education course ¹ | 3 |
| Any approved Social/Behavioral general education course ¹ | 3 |
| HISTORY | 6 |
| Any approved History general education course | 3 |
| Any approved History general education course | 3 |
| NATURAL SCIENCES | 8 |
| PHYS 2010 Non-Calculus Based Physics I or PHYS 2110: Calculus-based Physics I ² | 4 |
| Refer to transfer institution's program and Concentration for 2nd science | 4 |
| MATHEMATICS | 3 |
| MATH 1720: Precalculus Trigonometry, or MATH 1910: Calculus I | 3 |
| GENERAL EDUCATION TOTAL | 41 |
| AREA OF EMPHASIS REQUIREMENTS (Major) | |
| 2D/3D CAD or modeling course | 3 |
| Safety ⁴ | 3 |
| EETC 1311 Electrical Circuits I or EETC 1313 DC Circuits AND EETC 1314 AC Circuits ⁵ | 3 -6 |
| Mathematics course ⁶ | 3 or 4 |
| ELECTIVES (unspecified) | 2-7 |
| AREA OF EMPHASIS REQUIREMENTS & GENERAL ELECTIVES TOTAL | 19+ |
| DEGREE TOTAL | 60+ |

NOTES:

¹ Students transferring to UTC should take either ECON 2100: Principles of Macroeconomics and ECON 2200: Principles of Microeconomics to fulfill the Social/Behavioral Science general education requirement.



² Students transferring to UoM, TTU, MTSU, and UTK, should take PHYS 2110: Calculus-based Physics I. Students transferring UTC's should take either the PHYS 2110: PHYS 2110 or PHYS 2010: Algebra-based Physics I.

³ Students transferring to UoM, TTU, UTK, or UTC should take MATH 1910: Calculus I, or Math 2110 Analytical Calculus and Geometry .

⁴ Refer to transfer institution's program and Concentration for specific information about recommended safety and lab science electives.

⁵ Based on the course offerings at the community college.

⁶ Refer to transfer institution's program and Concentration for mathematics elective.

