



**ENGINEERING TECHNOLOGY**  
ASSOCIATE OF SCIENCE

| <b>GENERAL EDUCATION REQUIREMENTS</b>  | <b>CREDIT HOURS</b> |
|--|---------------------|
| <b>COMMUNICATION</b>   | <b>9</b>            |
| 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                   |
| <b>HUMANITIES &amp; FINE ARTS</b> (minimum 1 course in literature)                                     | <b>9</b>            |
| 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                   |
| <b>SOCIAL/BEHAVIORAL SCIENCES</b>  | <b>6</b>            |
| Any approved Social/Behavioral general education course****  | 3                   |
| Any approved Social/Behavioral general education course****  | 3                   |
| <b>HISTORY</b>   | <b>6</b>            |
| Any approved History general education course  | 3                   |
| Any approved History general education course  | 3                   |
| <b>NATURAL SCIENCES</b>  | <b>8</b>            |
| PHYS 2010: Non-Calculus Based Physics I  | 4                   |
| Refer to transfer institution's program and concentration for 2nd science                              | 4                   |
| <b>MATHEMATICS</b>   | <b>3</b>            |
| MATH 1720: Precalculus Trigonometry*   | 3                   |
| <b>GENERAL EDUCATION TOTAL</b>   | <b>41</b>           |
| <b>AREA OF EMPHASIS REQUIREMENTS (Major)</b>   |                     |
| Engineering Graphics course  | 3                   |
| Safety course**  | 3                   |
| EETC 1110: Electrical Circuits I   | 3 or 4              |
| Lab science course**   | 4                   |
| Mathematics course***  | 3 or 4              |
| <b>FOREIGN LANGUAGE</b>  | <b>0</b>            |
| <b>ELECTIVES (unspecified)</b>   | <b>1 to 3</b>       |
| <b>AREA OF EMPHASIS REQUIREMENTS &amp; GENERAL ELECTIVES TOTAL</b>                                     | <b>19+</b>          |
| <b>DEGREE TOTAL</b>  | <b>60+</b>          |

**Notes:**

\*Students transferring to U of Memphis, TTU, UTK and UTC should take MATH 1910 Calculus I, or Calculus and Analytic Geometry I for engineering and mathematics majors

\*\*Refer to transfer institution's program and concentration for specific information about recommended safety and lab science electives

\*\*\*Refer to transfer institution's program and concentration for mathematics elective

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