



## ENGINEERING TECHNOLOGY

### ASSOCIATE OF SCIENCE

#### Program Requirements

SEMESTER & COURSES	CREDIT HOURS	SEMESTER & COURSES	CREDIT HOURS
<i>Semester 1 (Fall)</i>		<i>Semester 2 (Spring)</i>	
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II	3
MATH 1720: Precalculus Trigonometry or MATH 1910: Calculus I <sup>3</sup>	3	COMM 2025: Fundamentals of Communication or any approved speech/communication general education course	3
2D/3D CAD or modeling course	3	Additional MATH Course <sup>6</sup>	3 or 4
Humanities/Fine Arts	3	PHYS 2010: Non-Calculus Based Physics I or PHYS 2110: Calculus-based Physics I <sup>2</sup>	4
History	3	History	3
<b>Subtotal Semester 1</b>	<b>15</b>	<b>Subtotal Semester 2</b>	<b>16-17</b>
<i>Semester 3 (Fall)</i>		<i>Semester 4 (Spring)</i>	
Humanities/Literature	3	EETC 1311: Electrical Circuits I or EETC 1313 DC Circuits AND EETC 1314 AC Circuits <sup>5</sup>	3 or 4
Social/Behavioral Science <sup>1</sup>	3	Social/Behavioral Science <sup>1</sup>	3
Safety course <sup>4</sup>	3	Humanities/Fine Arts	3
Natural Science (lab)	4	Lab Science elective	4
Electives	1 to 3		
<b>Subtotal Semester 3</b>	<b>14-16</b>	<b>Subtotal Semester 4</b>	<b>13-14</b>

**Total Credit Hours**

**60+**

#### NOTES:

<sup>1</sup>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.

<sup>2</sup> 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.

<sup>3</sup> Students transferring to UOM, TTU, UTK, or UTC should take MATH 1910: Calculus I, or MATH 2110 Analytical Calculus and Geometry.

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

<sup>5</sup> Based on the course offerings at the community college.

<sup>6</sup> Refer to transfer institution's program and Concentration for mathematics elective.