



# Academic & Career **PATHWAYS**

Associate **of** Applied Science (A.A.S.)

## **Engineering Technology - Computer Aided Drafting & Design Emphasis – Advising Track**

This program leads to an Associate of Applied Science degree and certificate. The degree prepares the student for employment in a broad range of engineering, architectural, and related fields. Graduates will have a strong background with multiple computer aided design technologies and an understanding of basic design principles in various engineering and architectural fields. This program transfers to area universities if the student wishes to pursue a four-year degree in Computer Aided Drafting and Design.

<b>Semester 1 - Fall</b>		
<b>Course</b>	<b>Credits</b>	<b>Action Steps</b>
ETEC 152^ (Program Requirement)	5	<ul style="list-style-type: none"> <li>• Meet with Academic Advisor to set up a degree plan in Starfish</li> </ul>
MATH 120^ or MATH 150^ (General Education Requirement)	3 - 5	
ENGL 101^ (General Education Requirement)	3	
HIST 120, HIST 121 or POLS 136 (General Education Requirement/Civics)	3	
Total Credits	<b>14 - 16</b>	
<b>Semester 2 - Spring</b>		
ETEC 153^ (Program Requirement)	3	<ul style="list-style-type: none"> <li>• Pass Civics Exam with 70% or higher</li> </ul>
ETEC 170^ (Program Requirement)	3	
ETEC 269^ (Program Requirement)	4	
COMM 100^ or COMM 102^ (General Education Requirement)	3	
MATH 130^ (General Education Requirement- not needed if MATH 150 taken)	0-3	
Gen Ed Elective (General Education Requirement- not needed if MATH 130 is taken)	0-1	
Total Credits	<b>13 - 17</b>	
<b>Semester 3 - Summer</b>		
ETEC 210^ and/or ETEC 258^ (Program Requirement)	3	
ETEC 268^ (Program Requirement)	3	
Total Credits	<b>6</b>	
<b>Semester 4 - Fall</b>		
ETEC 211^ (Program Requirement) – 1 <sup>st</sup> 8 weeks	3	<ul style="list-style-type: none"> <li>• Meet with Career Services to develop a resume</li> <li>• Apply for internship or other field work experience for ETEC 290</li> </ul>
ETEC 271^ (Program Requirement) – 1 <sup>st</sup> 8 weeks	3	
ETEC 273^ or ETEC 213^ (Program Requirement) – 2 <sup>nd</sup> 8 weeks	3	
EHSS 111 or EHSS 112 (Program Requirement)	1	
ENGL 215^ (General Education Requirement)	3	
Total Credits	<b>13</b>	



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## Semester 5 - Spring

ETEC 200^ (Program Requirement)	3	• Apply for graduation
ETEC 270^ (Program Requirement) – 1 <sup>st</sup> 8 weeks	3	
ETEC 272^ (Program Requirement) – 2 <sup>nd</sup> 8 weeks	3	• Apply for jobs
ETEC 290^ (Program Requirement)	3	
Total Credits	<b>12</b>	
<b>Credits Required</b>	<b>60*</b>	

*\*The A.A.S. degree requires a minimum of 60 credits to graduate. When selecting courses from multiple options, please consider the number of credits for the course in your planning*

This Pathway Map is an advising tool designed for full-time students on this A.A.S. degree and identifies the course taking recommendations for timely degree completion. Degree requirements and prerequisites information can be found here: <https://mccckc.edu/programs/engineering-technology/>

All students are encouraged to meet with their academic advisor to develop an individualized completion plan that best meets their goals, interest, and objectives.

^Course requires a prerequisite or appropriate placement, see catalog for additional information.