



# Computer Engineering Technology

## AAS



# ACADEMIC MAP

This program is not designed to transfer. 2017-2018



FIRST SEMESTER	Notes	Credits	MC
<input type="checkbox"/> CENT1310 Computer Systems & Software		3	
<input type="checkbox"/> EETC1313 DC Circuits	Prereq: ENTC1114 & ENTC1124	3	
<input type="checkbox"/> PICK ONE: Technical Elective	For TC: ENTC1114 or ENTC1124	3	
<input type="checkbox"/> MATH1740 Algebra & Trigonometry I		3	
<input type="checkbox"/> ENGL1010 English Comp I		3	

**2 SEMESTER CREDITS 15**

SECOND SEMESTER	Notes	Credits	MC
<input type="checkbox"/> CENT1320 Programming for Technicians	Prereq: CENT1310	3	
<input type="checkbox"/> EETC1331 Digital Fundamentals	Prereq: ENTC1114 & ENTC1124	3	
<input type="checkbox"/> EETC1321 Electronics I	Prereq: ENTC1114 & ENTC1124	3	
<input type="checkbox"/> PHYS2010 Non-Calculus Based Physics I	Prereq: MATH1740	4	
<input type="checkbox"/> MATH1750 Algebra & Trigonometry II	Prereq: MATH1740 (C or higher)	3	

**3 SEMESTER CREDITS 16**

THIRD SEMESTER	Notes	Credits	MC
<input type="checkbox"/> CENT2310 Microcontroller Systems I	Prereq: CENT1320 & EETC1331 <small>Fall</small>	3	
<input type="checkbox"/> CENT2330 Digital Communication Systems	Fall   Prereq: EETC1331	3	
<input type="checkbox"/> EETC1314 AC Circuits	Prereq: EETC1313 & MATH1740	3	
<input type="checkbox"/> ENST1313 CAD for Electronics	Prereq: ENTC1114	3	
<input type="checkbox"/> SPCH1010 Fund of Speech Comm		3	

**4 SEMESTER CREDITS 15**

FOURTH SEMESTER	Notes	Credits	MC
<input type="checkbox"/> CENT2320 Microcontroller Systems II	Spring only Prereq: CENT2310	3	
<input type="checkbox"/> CENT2340 Computer Networks & Systems	Spring only Prereq: EETC1331	3	
<input type="checkbox"/> CITC1320 A+ Hardware & Software	Can be taken earlier to complete TC	3	
<input type="checkbox"/> PICK ONE: Humanities/Fine Arts		3	
<input type="checkbox"/> PICK ONE: Social/Behavioral Sciences		3	

To stay on track, these courses must be taken in order. **SEMESTER CREDITS 15**  
**PROGRAM CREDITS 61**



### Milestone Courses

Based on prior students' experience, students who do well in these courses are more likely to graduate on time in this program.

CENT1320 - Programming for Technicians  
EETC1331 - Digital Fundamentals

### General Advising Notes

- Take CENT1320 & EETC 1331 in the first year.
- Suggested Technical Electives:  
ENTC1114, ENTC1124, ETEC2302, EETC2331, EETC2350, PHYS2020.
- Industrial Computer Fundamentals TC (TCFF):  
1st sem: ENTC1114, ENTC1124, CENT1310  
2nd sem: CENT1320, EETC1331, CITC1320  
These courses are embedded within the AAS except for ENTC1124 and ENTC1114. ENTC1124 may be substituted in the TC with any higher-level math course, such as MATH1740.
- ENTC1114 can be substituted in the TC with EETC1313 or EETC1314.
- Electrical/Electronic Fundamentals TC is also embedded in this AAS.
- Students are encouraged to complete courses in the Industrial Computer Fundamentals TC as quickly as possible. This allows them to earn a TC on their way to earning the AAS.

MATH1010 and MATH1000  
READ0811 and SPCH1010  
ENGL0810 and ENGL1010

### Helpful Hints

**15 to FINISH**

Take 15 credit hours a semester to finish your degree in two years.

If necessary, students can take the MATH1710 & MATH1720 course sequence instead of the MATH1740 & MATH1750 course sequence.

### Contact Information

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