



Electrical Engineering Technology

AAS



ACADEMIC MAP

This program is not designed to transfer. 2018-2019



FIRST SEMESTER	Notes	Credits	MC
<input type="checkbox"/> CENT1310 Computer Systems & Software(TC)		3	
<input type="checkbox"/> EETC1313 DC Circuits (TC)	Prereq: ENTC1114 & ENTC1124	3	
<input type="checkbox"/> ENGL1010 English Comp I		3	
<input type="checkbox"/> MATH1740 Algebra & Trigonometry I	Prereq: MATH0100 and MATH1000	3	
<input type="checkbox"/> PICK ONE: Technical Elective	Suggested: ENTC1114, CENT1320 or ETEC2302	3	

2 SEMESTER CREDITS 15

SECOND SEMESTER	Notes	Credits	MC
<input type="checkbox"/> EETC1331 Digital Fundamentals	Prereq: ENTC1114 & ENTC1124	3	
<input type="checkbox"/> EETC1314 AC Circuits	Prereq: EETC1313 & MATH1740	3	
<input type="checkbox"/> EETC1321 Electronics I (TC)	Prereq: ENTC1114 & ENTC1124	3	
<input type="checkbox"/> MATH1750 Algebra & Trigonometry II	Prereq: MATH1740 (C or higher)	4	
<input type="checkbox"/> PHYS2010 Non-Calculus Based Physics I	Prereq: MATH1740	3	

3 SEMESTER CREDITS 16

THIRD SEMESTER	Notes	Credits	MC
<input type="checkbox"/> EETC2311 Power Technology	Prereq: EETC1314 or PHYS2020 <small>Spring</small>	3	
<input type="checkbox"/> EETC2330 Digital Industrial Control Sys	Spring Prereq: EETC1331	3	
<input type="checkbox"/> ENST1313 CAD for Electronics(TC)	Prereq: ENTC1114	3	
<input type="checkbox"/> COMM2025 Fund of Comm		3	
<input type="checkbox"/> PICK ONE: Technical Elective	Suggested: ENTC1114, CENT1320 or ETEC2302	3	

4 SEMESTER CREDITS 15

FOURTH SEMESTER	Notes	Credits	MC
<input type="checkbox"/> EETC2331 PLC I	Prereq: EETC1331	3	
<input type="checkbox"/> EETC2371 Micro-Based Control Sys	Fall Prereq: EETC1331	3	
<input type="checkbox"/> EETC2350 Robotics	Fall Prereq: EETC1331	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.

- EETC1313 - DC Circuits
- EETC 331 - Digital Fundamentals

General Advising Notes

Courses offered only in the Fall Semester

- EETC2350 Robotics
- EETC2371 Microprocessor-Based Control Systems

Courses offered only in the Spring Semester

- EETC2311 Power Technology
- EETC2330 Digital Industrial Control Systems

(TC) NOTE: All of the courses marked with (TC) are part of the Electrical/Electronic Fundamentals technical certificate, along with ENTC1114 and ENTC1124. The ENTC1124 course may be replaced in the technical certificate by any higher-level math course such as MATH1740.

Students should be encouraged to complete the courses in the technical certificate as quickly as possible. This allows them to receive a certificate on their way to an AAS degree.

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 sequence instead of the MATH1740 & MATH1750 sequence, however, students cannot progress from MATH1710 to MATH1750 or from MATH1740 to MATH1720.

Contact Information

Phone: 901-333-4288
Email: electrical@southwest.tn.edu

For full catalog:
catalog.southwest.tn.edu