

JAMES C. MORRISS DIVISION OF ENGINEERING

Bachelor Degrees

- Bachelor of Science-Civil Engineering (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/civil-engineering/>)
- Bachelor of Science-Computer Engineering (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/computer-engineering/>)
- Bachelor of Science-Electrical Engineering (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/electrical-engineering/>)
- Bachelor of Science-Mechanical Engineering (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/mechanical-engineering/>)

Minors

A minor requires a minimum of 18 SCH in a discipline, with the exception of the interdisciplinary-studies minor that requires hours from more than one discipline.

Electrical Engineering

Code	Title	Hours
EE 2305	Electric Circuits I	3
or ENGR 2305	Electric Circuits I	
EE 321	Digital Logic	3
EE 322	Digital Logic Laboratory	1
EE 325	Signals and Systems	3
EE 326	Signals and Systems Lab	1
Choose 2 Lecture Courses plus 1 Lab from the list below:		7
EE 305	Fundamentals of Power Systems	
EE 306	Electric Power and Machinery Lab	
EE 317	Information Theory	
EE 319	Electric Circuits II (EL)	
EE 335	Electronics I	
EE 336	Electronics Laboratory	
EE 340	Computer Architecture	
EE 429	Introduction to Communication Systems	
EE 345	Introduction to Electromagnetic Theory	
ENGR 307	Probability and Statistics for Engineers.	
EE 365	Microprocessors	
EE 432	Control Systems	
EE 445	Embedded Systems	
EE 446	Embedded Systems Lab	
EE 447	Electronics II	
EE 469	Wireless Communications	
EE 474	Power Systems Analysis and Control	
Total Hours		18

Certificates

- Certificate in Advanced Manufacturing (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/manufacturing/>)
- Certificate in Aluminum Process Metallurgy (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/aluminum-process/>)
- Certificate in Computer Aided Design for Engineers (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/comp-aid-design/>)
- Certificate in Pulp and Paper Technology (<http://catalog.tamut.edu/undergraduate-studies/engineering-computing/jcme/pulp-paper/>)