

Systems Based Electronics Engineering Technology



Inside

[Admission Requirements](#)

[Course of Study](#)

Contact

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Division of Industrial Technology

MERIDIAN
COMMUNITY COLLEGE

Admission Requirements

Progression: To meet graduation requirements for this program, students must successfully complete the specified courses listed below with a "C" average (GPA of 2.00) or better. A grade of "C" or higher is required in each EET, ROT, TCT, or CST course to progress in the program.

Minimum admission requirements (in addition to general admission requirements):

Attain a 17 composite score on the ACT;

Or

Score a 69.5 or higher on the ACCUPLACER Reading Section and a 62.5 or above on the Algebra Section;

Or

Earn a "C" or above in Intermediate English and Reading (ENG 0124) and demonstrate competency for Intermediate Algebra (MAT 1233);

Or

Complete 15 semester hours with a "C" average or above from an accredited college or university and demonstrate competency for Intermediate Algebra (MAT 1233). Developmental coursework does not satisfy this requirement.

Students in the Electronics Technology Program must attend MCC full-time (12 or more semester credit hours).

Course of Study

FIRST YEAR

First Semester		Hours
EET 1145	DC/AC Circuits	5
EET 1214	Digital Electronics	4
EET 1334	Solid State Devices & Circuits	4
EET 1192	Fundamentals of Electronics	2
Semester Hours		15

Second Semester		Hours
EET 1363	Microcontrollers	3
EET 1353	Fundamentals of Robotics	3
EET 2363	Programmable Logic Controllers	3
EET 2414	Electronic Communications	4
EET 2812	Introduction to Mechatronics	2
Semester Hours		15

SECOND YEAR

First Semester		Hours
EET 1234	Computer Services Lab I	4
EET 2354	Fundamentals of Wireless Technology	4
_____	Approved Technical Elective	3
EET 2373	PLC's Multi-Platform	3
EET 1382	Industrial Robotics	2
Semester Hours		16

Second Semester		Hours
ENG 1113	English Composition I	3
SPT 1113	Public Speaking	3
MAT 1313	College Algebra	3
_____	Humanities/Fine Arts Elect.	3
_____	Social/Behavioral Science	3
Semester Hours		15
Total Semester Hours		61

*Technical electives:

EET 1174	Fluid Power
EET 1343	Motor Control Systems
EET 2334	Linear Integrated Circuits
EET 2514	Interfacing Techniques
EET 1443	Fundamentals of Instrumentation
EET 2913	Special Project
EET 2923	Work Experience
TCT 2364	Wireless Telecommunications
TCT 1114	Fundamentals of Telecommunications
TCT 2244	Fundamentals of Telephony
TCT 2414	Microwave & Satellite Systems
EET 2423	Fundamentals of Fiber Optics