

# Telecommunications Technician



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## 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 TCT and EET 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 70 or higher on the ACCUPLACER Reading Section and a 63 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 Telecommunications Technician program must attend MCC full time (12 or more semester credit hours).

# Course of Study

## FIRST YEAR

<b>First Semester</b>		<b>Hours</b>
TCT 1114	Fundamentals of Telecommunications	4
EET 1115	DC/AC Circuits	5
EET 1214	Digital Electronics	4
EET 1334	Solid State Devices & Circuits	4
TCT 1920	Telecommunications Seminar I	0.5
<b>Semester Hours</b>		<b>17.5</b>

<b>Second Semester</b>		<b>Hours</b>
TCT 2244	Fundamentals of Telephony	4
TCT 2354	Fundamentals of Wireless Technology	4
	Approved Technical Elective	4
TCT 1920	Telecommunications Seminar II	0.5
<b>Semester Hours</b>		<b>12.5</b>

## SECOND YEAR

<b>First Semester</b>		<b>Hours</b>
TCT 2364	Wireless Telecommunications	4
EET 2423	Fundamentals of Fiber Optics	3
TCT 2414	Microwave & Satellite Communications	4
EET 1233	Computer Services Lab I	3
TCT 1930	Telecommunications Seminar III	0.5
<b>Semester Hours</b>		<b>14.5</b>

<b>Second Semester</b>		<b>Hours</b>
SPT 1113	Public Speaking I	3
MAT 1313	College Algebra	3
	Behavioral/Social Science Elective	3
	Humanities/Fine Arts	3
ENG 1113	English Composition I	3
TCT 1940	Telecommunications Seminar IV	.05
<b>Semester Hours</b>		<b>15.5</b>
<b>Total Semester Hours</b>		<b>60</b>

### \* Technical Elective Options:

- EET 1363 Microcontrollers
- EET 2414 Electronic Communications
- EET 1353 Fundamentals of Robotics
- TCT 2923 Work Experience
- EET 1192 Fundamentals of Electronics
- EET 1343 Motor Control Systems
- TCT 2424 Network Systems
- TCT 2913 Special Projects
- EET 2363 PLC's Programmable Logic Controllers