



ELECTRICAL/ELECTRONICS TECHNOLOGY: TELECOMMUNICATIONS TECHNOLOGY

• Associate of Applied Science

About The Program

The Telecommunications Technology program seeks to prepare informed, responsible professionals for leadership roles in the electronic information industries. The program stresses the social, cultural and economic impact of electronic media.

This major is designed for students interested in all electronic media, including broadcasting, cable, satellite, internet and telephone industries.

Telecommunications dominates many facets of our lives, including how we: communicate, conduct business, entertain and inform ourselves, and participate in democracy. The telecommunications curriculum explores the structure and operation of these industries as well as laws and policies that regulate their use. Graduates go on to careers in radio, broadcast, cable and satellite networks; internet service providers; wired and wireless telephone companies; and other related industries.

Admission Requirements

General admission requirements for WCCCD programs are as follows:

- Fulfill all WCCCD admission requirements.
- Declare intent to enter the Electrical/Electronics Technology: Telecommunications Technology program on the WCCCD Application for Admission or change intent in the Student Services Office.
- Complete WCCCD Program Application and submit to the Campus Chief Academic Officer.
- Complete all core course work with a grade of "C" or better to meet graduation requirements.

Additional program specific requirements may be found at any WCCCD campus from the Chief Academic Officer.

Associate of Applied Science Degree Requirements

SEMESTER I

EE 101	Direct Current Fundamentals	4
EE 107	Math for E/E I	4
EE 105	Electronics Fabrication & Design	2
CT 203	Digital Logic I	4
ENG 119	English I	3
TOTAL CREDITS		17

SEMESTER II

EE 102	Alternative Current Fundamentals	4
EE 115	Math for E/E II	4
EE 111	Solid State Fundamentals	3
TCM 200	Introduction to Telecommunications	3
TOTAL CREDITS		14

SEMESTER III

CT 205	Introduction to Microprocessors	4
TCM 202	Fiber Optics Communications	3
TCM 203	Communications I	3
PS 101	American Government	3
EE 205	Linear Integrated Circuits	2
ENG 134	Technical Communications	3
TOTAL CREDITS		18

SEMESTER IV

TCM 206	Basic Switching and Signaling	4
PHY 235	General Physics I	4
	Electronics Electives	4
	Humanities Electives	3
TOTAL CREDITS		15

PROGRAM TOTAL CREDITS	64
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* Program totals may not include prerequisite work.

District Office

801 West Fort Street
Detroit, MI 48226

General Information Number:
(313) 496-2600

Career Program Hotline:
1-800-300-2118

Information Website:
www.wcccd.edu

E-mail:
info@wcccd.edu

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