Telecommunication Specialist Certificate

PART TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2024-25

Total Units: 32

First Year

Semester 1

10 Units

CAT.	COURSE	TITLE	UNIT
Req	ET 115	Fiber Optics and Telecommunication Cabling	4
Req	ET 302	Principles of Electricity and Electronics	4
Req	ET 308	Technical Soldering Practices and Techniques	2

Semester 2

11 Units

CAT.	COURSE	TITLE	UNIT
Req	ET 312	Mathematics for Circuit Analysis	3
Req	ET 322	Semiconductors and Nanotechnology	4
Req	ET 253	Industrial Communication Systems Support	4

Second Year

Semester 3

11 Units

CAT.	COURSE	TITLE	UNIT
Req	ET 380	Introduction to Electronic Communications	4
Req	ET 381	Electronic Communication Regulations	3
Req	ET 388	Fiber Optics	4

EXPLANATION OF CATEGORIES		
Req	Required Core	A course that is required for this program

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CAREER PATH

Career Options:

This certificate provides training for design, installation, and maintenance of any type of wired or wireless communication system such as remote monitoring, radio frequency (RF) control, radio and television transmitters, public safety and government communication equipment, and fiber optic systems.

Scheduling Notes:

- ET 115, 302, and 312 are offered every semester, day and night.
- ET 253 and 322 are offered every semester, alternating day and night schedules.
- ET 308 is offered on Fridays, both day and night.
- ET 388 is offered in the spring semester, in the afternoon.