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: 2025-26

Total Units: 32

First Year

Semester 1

10 Units

CAT.	COURSE	UNIT	PREREQUISITES
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	UNIT	PREREQUISITES
Req	**ET 253** Industrial Communication Systems Support	4	ET 302
Req	**ET 312** Mathematics for Circuit Analysis	3	
Req	**ET 322** Semiconductors and Nanotechnology	4	ET 302

Second Year

Semester 3

11 Units

CAT.	COURSE	UNIT	PREREQUISITES
Req	**ET 380** Introduction to Electronic Communications	4	ET 302
Req	**ET 381** Electronic Communication Regulations	3	
Req	**ET 388** Fiber Optics	4	ET 302

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.