

CERTIFICATE IN COMMUNICATION SYSTEMS

This certificate program is for those who want to become proficient in communication system principles and applications. The student will take the two fundamental courses and two courses from a large number of electives, for emphasis in data compression, computer networks, and analog/digital communications.

Gainful Employment Disclosure for Certificate in Communication Systems

Curriculum

No more than one course may be a 400-level course.

Code	Title	Credit Hours
Required Courses		(6)
ECE 511	Analysis Random Signals	3
ECE 513	Commctn Engrg Fundamentals	3
Elective Courses		(6-8)
Select a minimum of two courses from the following:		6-8
ECE 403 or ECE 405	Digital & Data Comm Systems Digital & Data Comm Syst w/Lab	3-4
ECE 406 or ECE 504	Wireless Communications System Wireless Comm Systm Design	3
ECE 421 or ECE 423	Microwave Circuits and Systems Microwave Crct&Systs w/Lab	3-4
ECE 503	5G Wireless Network	3
ECE 508	Video Processing & Comm	3
ECE 510	IoT and Cyber Physical Systems	3
ECE 514	Digital Commctn Principles	3
ECE 515	Modern Digital Communications	3
ECE 516	Coding Distributed Storage Sys	3
ECE 519	Coding Reliable Communications	3
ECE 520	Info Theory and Applications	3
ECE 541	Comm Netwrks Performance Analy	3
ECE 542	Dsgn Optmztn Compt Ntwrks	3
ECE 543	Computer Network Security	3
ECE 544	Wireless and Mobile Networks	3
ECE 545	Modern Internet Tech	3
ECE 546	Wireless Network Security	3
ECE 547	Wireless Netwrks Perf Analysis	3
Total Credit Hours		12-14