

# Career-Technical Education Advanced Technical Certificate Degree Plan

## COMPUTER NETWORKING TECH. PROGRAM CHECK SHEET | COMN Major | CIP Code: 11.0901

Computer Networking Technology is a program of study that provides students training in telecommunications, network technologies, administration, hardware maintenance, operating systems and network planning and implementation. Graduates will have opportunities for employment as computer support specialists, network technicians, and network managers or administrators.

### Admission Requirements

Students must submit a composite score of 16 or higher on the ACT or Accuplacer scores of Reading, 55; Pre-Algebra Math, 34; OR Next Generation Accuplacer scores of Reading, 239; Math 215. Students who are returning to the program after an absence of a semester or more must graduate under the current catalog requirements.

REQUIRED COURSES:		Prev. Taken	FALL 20__	SPRING 20__	FALL 20__
<b>FIRST SEMESTER FRESHMAN</b>					
IST 1124 IT Foundations	4 hrs.				
IST 1134 Fundamentals of Data Communication	4 hrs.				
IST 1163 Database and SQL Concepts	3 hrs.				
IST 1223 Network Components	3 hrs.				
IST 1724 Programming in Python	4 hrs.				
<b>SECOND SEMESTER FRESHMAN</b>					
IST 1143 Principles of Information Security	3 hrs.				
IST 1244 Network Administration Using Microsoft Windows Server	4 hrs.				
IST 1254 Network Administration Using Linux	4 hrs.				
Network Elective	4 hrs.				
<b>FIRST SEMESTER SOPHOMORE</b>					
IST 2223 Network Planning and Design	3 hrs.				
IST 2233 Network Implementation	3 hrs.				
IST 2533 IT Project Management	3 hrs.				
Technical Elective	3 hrs.				
<b>RECOMMENDED ELECTIVES:</b>					
<b>TOTAL HOURS:</b>	<b>45 HRS.</b>				
<b>NOT ALL COURSES ARE REQUIRED IF TRANSFERRING TO AN INSTITUTION OF HIGHER LEARNING.</b>	<b>Total Hours 45</b>				
	<b>Advisor Initials</b>				
	<b>Date</b>				