

Computer, Engineering/Manufacturing Industrial Technologies			
Curriculum Code: 1469 (Effective Fall 2017 – Summer 2022)	Cisco Certified Network Associate Certification Preparation (CCNA), C.C. Pathway		
Semester I	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
CITN 220	Introduction to Networks	Minimum 2.0 in CITS 125 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 225	Routing & Switching Essentials	Minimum 2.0 in (CITN 220 within 2 years or concurrently) and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
Electives - <i>Select 1 or 2 courses for a total of 6 credits</i> <i>Courses may not be duplicated.</i>			
CITN 120	Networking Concepts	Reading Level 4 and Writing Level 4	3 / 3
CITN 222	Wireless Networking & Security	Minimum 2.0 in CITS 125 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 228	VoIP Fundamentals	Minimum 2.0 in CITN 225 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 244	Securing Networking Devices	Minimum 2.0 in CITN 225 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 295	CCNA Review	Minimum 2.0 in CITN 245 and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITS 125	Computer Support: A+ Cert Prep	Reading Level 5 and Writing Level 4 and Math Level 3	6 / 6
Credits			12 / 12

Semester II	Course Title	Prerequisites	Credit/ Billing Hours
Program of Study Requirements			
CITN 240	Scaling Networks	Minimum 2.0 in (CITN 225 within 2 years) and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
CITN 245	Connecting Networks	Minimum 2.0 in (CITN 240 within 2 years or concurrently) and Reading Level 5 and Writing Level 6 and Math Level 4	3 / 3
Credits			6 / 6
Total Credits			18 / 18