

 	CAREER ENHANCEMENT CERTIFICATE CISCO TECHNOLOGY <i>The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</i>	2025-26 Catalog Effective Summer 2025 5408
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Business, Engineering, and Information Technologies Division Computer Science and Information Systems Department

TECHNICAL Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
CSE122	Programming Logic and Problem Solving [^]	3	(IDS102 or Proficiency) and (ITD100 or Proficiency)	
NET120	PC Upgrading and Maintenance	3		
NET121	Introduction to Computer Networking	3		
NET137	CCNA Phase 2	3	NET121	
NET253	Securing Network Switches and Routers ^{▲-}	3	Pre-Co NET137	
NET256	CCNA Phase 3 ^{▲-}	3	NET137	
NET281	Firewall and Network Security ^{▲+}	3	NET137	
	Total	21		

ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

Course Sequence

The semester-by-semester listing below provides the normal scheduling option for students seeking a one-year certificate.

Summer Semester

		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
CSE122	Programming Logic and Problem Solving [^]	3	(IDS102 or Proficiency) and (ITD100 or Proficiency)
NET120	PC Upgrading and Maintenance	3	
NET121	Introduction to Computer Networking	<u>3</u>	
		9	

Second Semester

NET137	CCNA Phase 2	3	NET121
NET253	Securing Network Switches and Routers ^{▲-}	<u>3</u>	Pre-Co NET137
		6	

Third Semester

NET256	CCNA Phase 3 ^{▲-}	3	NET137
NET281	Firewall and Network Security ^{▲+}	<u>3</u>	NET137
		6	
	TOTAL CREDITS	21	

▲ - Fall only courses. Please see your academic advisor for availability.

▲+ Spring only courses. Please see your academic advisor for availability.

The classes in this certificate also apply toward the completion of a Computer Network Administration & Security Technology Degree (5400).