



**SCHOOL OF  
Science, Technology, Engineering and  
Design**

**Network Operations & Systems Security  
Professional Certificate**

Certificate Total Credits	<b>70</b>
Total Cost	<a href="#">Tuition &amp; Fees</a>

Targeted Start Date	
Expected Graduation Date	

STUDENT NAME/SID  
ENTRY COORDINATOR

FACULTY NAME Don Souza  
CONTACT INFO [don.souza@cptc.edu](mailto:don.souza@cptc.edu)

PROGRAM COUNSELOR Annemarie Solbrack  
CONTACT INFO [annemarie.solbrack@cptc.edu](mailto:annemarie.solbrack@cptc.edu)

PROGRAM START QUARTER Summer, Fall, Winter, and Spring

**Important Program Information**

\* Prior to completion of first quarter, students must provide documentation of a background check with the Washington State Patrol.

Quarter 1		
Course Number	Course Title	CR
NOS 100	IT Fundamentals I (Co-requisite NOS 105)	4
NOS 105	IT Fundamentals II (Co-requisite NOS 100)	4
NOS 110	Cyber Security Fundamentals	4
COLL 102	College Success for All	3
ENGL& 101	English Composition I (recommended)	5
Total Credits		20

Quarter 2		
Course Number	Course Title	CR
NOS 115	Introduction to Networking	4
NOS 120	Desktop Support I (Co-requisite NOS 125)	4
NOS 125	Desktop Support II (Co-requisite NOS 120)	4
NOS 130	Server OS Installation and Configuration	4
PSYC& 100	General Psychology or SOC& 100 Intro to Sociology, or any Diversity Course	5
Total Credits		21

Quarter 3		
Course Number	Course Title	CR
NOS 135	Scripting for Network Administrators	4
NOS 140	Linux I	4
NOS 145	Administering Windows Server OS (Pre-Req: NOS 130)	4
	MAT 103 Business Math, or MAT 105 Math for Industrial Professions, or any 100 level math course	5
Total Credits		17

Quarter 4		
Course Number	Course Title	CR
NOS 150	Virtualization and Cloud Technologies (Pre-Req: NOS 105, or equivalent experience)	4
NOS 155	Linux II (Pre-Req: NOS 140) or equivalent experience	4
NOS 161	Offensive Server Security (Pre-Req: NOS 140) or equivalent experience	4
Total Credits		12

Quarter 5		
Course Number	Course Title	CR
Total Credits		0

Quarter 6		
Course Number	Course Title	CR
Total Credits		0

Quarter 7		
Course Number	Course Title	CR
Total Credits		

Quarter 8		
Course Number	Course Title	CR
Total Credits		

Required Gen Ed courses		
COLL 102	College Success for All	3
ENGL& 101	English Composition I or CMST& 220 Public Speaking	5
PSYC& 100 <sup>div</sup>	General Psychology, or SOC& 100 <sup>div</sup> Intro to Sociology, or any Diversity Course	5
MAT 103	Business Math, or MAT 105 Math for Industrial Professions, or any 100 level math course	5
Total Gen Ed credits		18

**Advising Notes**

**Career Outlook Sites**

[The Occupation Information Network O\\*NET](#)

[worksourcewa.com](http://worksourcewa.com)

**Next Steps (Transcripts & Graduation)**

[Apply for Graduation](#)

[Apply for Sealed Official Transcript](#)

\*Please check Periodically with Advising and Counseling regarding any potential Changes to program course requirements.

Clover Park Technical College does not discriminate on the basis of race, color, national origin, sex, disability, sexual orientation, age or Veteran's status in its program and activities.