



SEMESTER 1 (Two 8-Week Terms)	CREDITS	AREA	C OR BETTER
CYNX 2201 – IT Fundamentals	2		
CYNX 2165 – Profess in Cyber Workforce I	1		
CYNX 2202 – Network Fundamentals	2		
CYNX 3165 – Profess in Cyber Workforce II	1		
<b>TOTAL HOURS</b>	6		
Notes:			

SEMESTER 2 (Two 8-Week Terms)	CREDITS	AREA	C OR BETTER
CYNX 3455 – Cybersecurity Apprenticeship I	3		
CYNX XXXX – Cybersecurity Track Course I*	2		
CYNX XXXX – Cybersecurity Track Course II*	2		
<b>TOTAL HOURS</b>	7		
Notes:			

SEMESTER 3 (Two 8-Week Terms)	CREDITS	AREA	C OR BETTER
CYNX 4455 – Cybersecurity Apprenticeship II	3		
CYNX XXXX – Cybersecurity Track Course III*	2		
<b>TOTAL HOURS</b>	5		
Notes:			

*CYBERSECURITY TRACK COURSES (Must Complete Three)
CYNX 3136 – Virtualization Basics & Introduction to HyperV
CYNX 3201 – Penetration Testing Student
CYNX 3202 – Penetration Testing Professional
CYNX 3215 – Web Application Penetration Testing
CYNX 3216 – Threat Hunting Professional
CYNX 3225 – Digital Forensics Professional
CYNX 3235 – Network Defense Professional
CYNX 3236 – Virtualization Basics
CYNX 3237 – Practical Web Defense
CYNX 3245 – Exploit Development Student
CYNX 3346 – Google Cloud Platform Networking and Security Fundamentals
CYNX 3347 – Managing AWS Cloud Environment Access
CYNX 4203 – Advanced Penetration Testing
CYNX 4205 – Reverse Engineering Professional
CYNX 4215 – Advanced Web Application Penetration Testing
CYNX 4217 – Incident Handling & Response Professional
CYNX 4218 – AWS Certified Solutions Architect
CYNX 4225 – Mobile Application Penetration Testing Professional
CYNX 4251 – Microsoft 365 Security Administrator
CYNX 4252 – Microsoft Azure Security Engineer Associate
CYNX 4315 – Docker Use & Certified Associate Training
CYNX 4705 – Red Team Training

SEMESTER 4	CREDITS	AREA	C OR BETTER
ENGL 1101 – English Composition	3	A	yes
Math 1113 – Pre-Calculus	3	A	yes
COMM 1110 - Communications	3	B	
Humanities Elective	3	C	
Fine Arts	3	C	
<b>TOTAL HOURS</b>	15		
Notes:			

SEMESTER 5	CREDITS	AREA	C OR BETTER
ENGL 1102 – English Composition 2	3	A	yes
Science Elective with Lab	4	D	
STAT 1401 – Elementary Statistics	3	D	
History 2111 / 2112 – US History to/since 1865	3	E	
POLS 1101 – American Government	3	E	
<b>TOTAL HOURS</b>	<b>16</b>		
Notes:			

SEMESTER 6	CREDITS	AREA	C OR BETTER
Area B Seminar	1	B	
Social Science Elective (Behavioral Science)	3	E	
Social Science Elective (World Culture)	3	E	
Science Elective with Lab	4	D	
<b>TOTAL HOURS</b>	<b>11</b>		
Notes:			

NEXUS CYBERSECURITY					
Tracks					
<b>Vulnerability Assessment Analyst (VAA)</b>		<b>Secure Software Assessor (SAA)</b>		<b>Cyber Crime Investigator (CCI)</b>	
3201	Penetration Testing Student	3201	Penetration Testing Student	3225	Digital Forensics Professional
3202	Penetration Testing Professional	3215	Web Application Penetration Testing	3216	Threat Hunting Professional
4203	Advanced Penetration Testing	3245	Exploit Development Student	4217	Incident Handling & Response Prof
<b>Exploitation Analyst (EA)</b>		<b>Cyber Defense Analyst (CDA)</b>		<b>Security Control Assessor (SCA)</b>	
4203	Advanced Penetration Testing	3235	Network Defense Professional	3235	Network Defense Professional
4215	Adv Web App Penetration Testing	3216	Threat Hunting Professional	3216	Threat Hunting Professional
4225	Mobile App Penetration Testing	4217	Incident Handling & Response Prof	4217	Incident Handling & Response Prof
<b>System Administrator (SA)</b>		<b>Counterintelligence Forensic Analyst (CFA)</b>		<b>FinTech Incident Detection Analyst (IDA)*</b>	
3235	Network Defense Professional	3225	Digital Forensics Professional	3225	Digital Forensics Professional
3201	Penetration Testing Student	3216	Threat hunting Professional	4225	Mobile App Penetration Testing
3136	Virtualization Basics & Intro to HyperV	4217	Incident Handling & Response Prof	3216	Threat Hunting Professional
4315	Docker Use & Certified Assoc Training				
<b>Microsoft Cloud Security Engineer</b>		<b>AWS Cloud Solutions Architect</b>			
3136	Virtualization Basics & Intro to HyperV	3136	Virtualization Basics & Intro to HyperV		
4251	Microsoft 365 Security Administration	3346	Google Cloud Platform Fund		
4252	MS Azure Security Engineer Associate	3347	Managing AWS Cloud Environment		
4315	Docker Use & Certified Assoc Training	4218	AWS Certified Solutions Architect		
		4315	Docker Use & Certified Assoc Training		

### Additional Notes

This program map illustrates appropriate coursework for completing a degree within two years, provided that course grades allow for earned credit. Please consult with your advisor to determine when courses can be switched out with others and taken in a different semester or sequence than illustrated since not all courses are taught ever semester. A Freshman Learning Community (FRLC 1116 or a First Year Seminar (FYRS 1105) is required of all students entering wither as new freshman or with fewer than 30 hours of transferred credit, so please talk to your advisor about this requirement. This map is for illustrative purposes only and does not constitute a legal contract on the part of CSU since degree requirements or course offerings could change. As always, check with your advisor.