

Appendix A

QCC Computer Systems Engineering Technology – Cybersecurity Option Associate in Science to Assumption - Cybersecurity Bachelor of Science

QCC Course Title	Course #	Credits	Assumption University Title	Course #	Credits
Semester 1					
Windows Client Operating Systems	CSC 141	4	Operating Systems Administration ¹	CYB 265	3
Networking Technologies	CSC 234	4	Networking and Data Communications ²	CYB 230	3
Composition I	ENG 101	3	English Composition	ENG 130	3
Speech Communication Skills	SPH 101	3	Speech	ENG 211	3
Mathematics Elective (Recommend Statistics or Pre-Calculus)	MAT 122 or MAT 123	3	Statistics or Elementary Functions	ECO 115 or MAT 114	3
Semester 2					
Computer Hardware and Support	CSC 233	4	Cybersecurity Elective ³	CYB 199	3
Windows Server Operating Systems	CSC 241	3	Operating Systems Administration ¹	CYB 265	---
IT Security Foundations	CST 205	3	Securing Wired and Wireless Networks	CYB 235	3
Enterprise IT Systems Security	CST 208	3	Cybersecurity Elective ⁴	CYB 299	3
Composition II	ENG 102	3	Introduction to Literature	LTE 140	3
Semester 3					
Pre-Cooperative Education Seminar	CPS 298	0	---	---	---
Systems Programming and Scripting	CSC 201	3	Introduction to Programming	CSC 117	3
Computer Forensics	CST 206	3	Computer, Network Forensic and Digital Investigations	CYB 328	3
Advanced Topics in Security	CST 211	3	Cybersecurity Elective ³	CYB 199	---
Internetworking Principles and Protocols	CST 231	3	Networking and Data Communications ²	CYB 230	---
UNIX Operating Systems I	CST 245	4	Operating Systems Administration ¹	CYB 265	---
Technical and Workplace Writing	ENG 205	3	Business and Technical Writing	ENG 304	3
Semester 4					
Ethical Hacking	CST 209	3	Ethical Hacking	CYB 338	3
Routing Technologies	CST 240	4	Cybersecurity Elective ³	CYB 199	---
Cooperative Work Experience and Seminar	CST 299	3	Cybersecurity Elective ⁴	CYB 299	---
Liberal Arts Elective*	---	3	Liberal Arts Elective	---	3
Social Science Elective*	---	3	Social Science Elective/Elective	---	3
Total Credits Required:		67			45*

Notes

The following QCC courses are accepted in consolidated form to specified Assumption equivalents:

¹ CSC 141, CSC 241 and CST 245 = CYB 265; ² CSC 234 and CST 231 = CSC/CYB 230; ³ CSC 233, CSC 211 and CST 240 = CYB 199; ⁴ CST 208 and CST 299 = CYB 299

* Due to course consolidation and credit conversion, a total of 45 credits are awarded in transfer to the Cybersecurity Bachelor of Science Major. QCC students are encouraged to complete additional courses in Art or Music, History, Math, Science, Foreign Languages, or Social Science prior to transfer, to maximize acceptance of QCC credits. QCC courses identified as transferrable are posted at

<https://www.assumption.edu/sites/default/files/registrar/QCC-AUCourseEquivalencies.docx>. Up to 60 credits may be transferred into Assumption.