TRIDENT TECHNICAL COLLEGE

Cybersecurity
Associate in Applied Science

Recommended Course Sequence

First Semester – Fall

REQ GEN	Select from General Education (IDS 109 Recommended)	Credit: 3
CPT 282	Information Systems Security	Credit: 3
IST 166	Network Fundamentals	Credit: 3
IST 165	Implementing and Administering Windows Directory Services	Credit: 3
ENG 101	English Composition I	Credit: 3
		Total: 15

Second Semester - Spring

IST 190	Linux Essentials	Credit: 3
CRJ 232	White Collar Crime Investigation	Credit: 3
	or	
CRJ 233	Cyber Crimes and the Law	Credit: 3
IST 191	Linux System Administration	Credit: 3
IST 293	IT and Data Assurance I	Credit: 3
		Total: 12

Third Semester - Summer

IST 193	Linux Security Administration	Credit: 3
IST 294	IT and Data Assurance II	Credit: 3
CYB ELE	Cybersecurity Elective 1	Credit: 3
MAT 110	College Algebra	Credit: 3
	or	
MAT 120	Probability and Statistics	Credit: 3
	or	
MAT 155	Contemporary Mathematics	Credit: 3
		Total: 12

Fourth Semester - Fall

IST 201	Cisco Internetworking Concepts	Credit: 3
CYB 269	Digital Forensics	Credit: 3
IST 202	Cisco Router Configuration	Credit: 3
CYB ELE	Cybersecurity Elective 2	Credit: 3
		Total: 12

Fifth Semester - Spring

IST 291	Fundamentals of Network Security I	Credit: 3
REQ SSC	Select from Behavioral/Social Sciences	Credit: 3
CYB 285	Cybersecurity Capstone	Credit: 3
REQ HUM	Select from Humanities	Credit: 3
		Total: 12

TOTAL SEMESTER HOURS   **63**

Cybersecurity Electives
Select two courses from the following:

CPT 162	Introduction to Web Page Publishing	Credit: 3
CPT 180	Shell Scripting	Credit: 3
CPT 202	SQL Programming I	Credit: 3
CPT 209	Computer Systems Management	Credit: 3
CPT 242	Database	Credit: 3
CPT 298	Introduction to Software as a Service (SaaS)	Credit: 3
CWE 113	Cooperative Work Experience	Credit: 3
CWE 123	Cooperative Work Experience	Credit: 3
CYB 201	Cybersecurity Operations	Credit: 3
CYB 286	Cybersecurity Internship I	Credit: 3
ENG 260	Advanced Technical Communications	Credit: 3
HSM 101	Introduction to Homeland Security	Credit: 3
HSM 104	Terrorism and Homeland Security	Credit: 3
HSM 203	Intelligence Analysis and Security Management	Credit: 3
HSM 206	Critical Infrastructure Protection	Credit: 3
IST 192	Linux Network Applications	Credit: 3
IST 198	Cloud Essentials	Credit: 3
IST 206	Cisco Remote Access	Credit: 3
IST 253	LAN Service and Support	Credit: 3
IST 298	Advanced Cloud Computing	Credit: 3