

Cybersecurity and Networking AAS Curriculum Map

Year One

Fall

Course	Description	Credits
CGS 100	College Survival & Success	3
CIS 140	Linux Fundamentals	3
CIS 140L	Linux Fundamentals Lab	1
CIS 145	Hardware Installation Support	3
CIS 145L	Hardware Installation Support Lab	1
CIS 151	Networking I	3
CIS 151L	Networking I Lab	1

Winter

Course	Description	Credits
CIS 140	Introduction to Programming: Python	3
CIS 140L	Introduction to Programming: Python Lab	1
CIS 146	Software Installation Support	3
CIS 146L	Software Installation Support Lab	1
CIS 152	Networking II	3
CIS 152L	Networking II Lab	1
Math		4

Spring

Course	Description	Credits
CIS 142	Introduction to Programming C#	3
CIS 142L	Introduction to Programming C# Lab	1
CIS 153	Scaling Networks	3
CIS 153L	Scaling Networks Lab	1
CIS 180	Industry Certification	2
CIS 275	Database I	3
CIS 275L	Database I Lab	1
WRI 121Z	Composition I	4

Year Two

Fall

Course	Description	Credits
CIS 116	C++ Programming I	3
CIS 116L	C++ Programming I Lab	1
CIS 162	Introduction to Digital Logic	3
CIS 162L	Introduction to Digital Logic Lab	1
Social Science		3
TEX 280	Coop Wk Exp: Seminar	1
Writing		4

Winter

Course	Description	Credits
Arts & Letters		3
CIS 126	C++ Programming II	3
CIS 126L	C++ Programming II Lab	1
CIS 130	Computer Organization	3
CIS 279	Network Operating Systems	3
CIS 279L	Network Operating Systems Lab	1
CIS 280	Coop Wk Exp: Computer Technology Engineer	1

Spring

Course	Description	Credits
CIS 120	Embedded C	3
CIS 120L	Embedded C Lab	1
CIS 131	Computer Architecture	3
CIS 285	Cybersecurity Operations	3
CIS 285L	Cybersecurity Operations Lab	1
CIS 286	Ethical Hacking	3
CIS 286L	Ethical Hacking Lab	1

Total Credits: 96