

Cybersecurity and Networking AAS Curriculum Map

Year One

Fall

Course	Description	Credits
CGS 100	College Survival	3
CIS 145/145L	Hardware Installation Support	4
CIS 151/151L	Networking 1	4
WRI 121Z	Composition I	4

Winter

Course	Description	Credits
CIS 140/140L	Linux Fundamentals	4
CIS 146/146L	Software Installation Support	4
CIS 152/152L	Networking 2	4
Writing		4

Spring

Course	Description	Credits
CIS 142/142L	Introduction to Programming C#	4
CIS 275/275L	Database 1	4
CIS 281	Coop Wk Exp: Computer Technology Engineer 2	2
CIS 284/284L	Network Security Fundamentals	4
Math		4

Year Two

Fall

Course	Description	Credits
CIS 116/116L	C++ Programming 1	4
CIS 153/153L	Scaling Networks	4
CIS 162/162L	Introduction to Digital Logic	4
Social Science		3

Winter

Course	Description	Credits
Arts & Letters		3
CIS 126/126/L	C++ Programming 2	4
CIS 130	Computer Organization	3
CIS 279/279L	Network Operating Systems	4
TEX 280	Coop Wk Exp: Seminar	1

Spring

Course	Description	Credits
CIS 120/120L	Embedded Systems	4
CIS 131	Computer Architecture	3
CIS 280	Coop Wk Exp: Computer Technology Engineering	2
CIS 285/285L	Cybersecurity Operations	4
CIS 286/286L	Ethical Hacking	4

Total Credits: 96