

# 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 126/126L	C++ Programming 2	4
CIS 130	Computer Organization	3
CIS 279/279L	Network Operating Systems	4

<b>Arts &amp; Letters</b>		<b>3</b>
<b>TEX 280</b>	<b>Coop Wk Exp: Seminar</b>	<b>1</b>

***Spring***

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

**Total Credits: 96**