

Cybersecurity and Networking AAS (CNET)
Catalog: 2025-2026 Effective Date: 9/1/2025

CR	COURSE	COURSE TITLE	SUNY GEN ED
1-2	HRD 100, HRD 100A or HRD 110	FIRST YEAR SEQUENCE EXPERIENCE	
3	ENG 101	<i>Introduction to College Writing</i>	GCWO
3	ENG 102, ENG 103, ENG 104, ENG 105, ENG 106, ENG 107, ENG 108, ENG 109 or ENG 110	ENG 110 <i>Elements of Technical Writing</i> recommended	GCWO
3	SUNY GEN ED Mathematics (and Quantitative Reasoning)	Algebra based mathematics required	GMAT MAAG
3-4	SUNY GEN ED Natural Lab Science (and Scientific Reasoning)		GNSL
3	SUNY GEN ED Diversity: Equity, Inclusion and Social Justice		GDVR
3	SUNY GEN ED Humanities, The Arts, US History and Civic Engagement, World History and Global Awareness, Social Sciences or World Languages		GHUM GART CUSC GGLB GSSC GWRL
1	CIS102	<i>Introduction to Linux</i>	
3	CIS120	<i>PC Hardware Fundamentals</i>	
3	CIS 131	<i>Introduction to Networking</i>	
4	CIS 133 (Fall only - Prereq and Coreq Required)	<i>Network Fundamentals (CCNA1)</i>	
4	CIS 134 (Spring only - Prereq Required)	<i>LAN/WAN Technologies (CCNA2)</i>	
3	CIS 135 (Spring only - Prereq Required) or CIS136 (Fall only – Prereq required)	<i>Network Security I or IT Security Essentials</i>	
4	CIS139 (Fall only – Prereq Required)	Enterprise Networking (CCNA3)	
3	CIS 140 (Fall only - Prereq Required) or CIS 143 (Prereq Required)	<i>Introduction to Programming in a Windows Environment or Introduction to Programming</i>	
3	CIS150	<i>Topics in Computing</i>	
3	CIS 232 (Spring Only - Prereq Required) or CIS151 (Fall Only – Prereq Required)	<i>Server Administration or Server Side Scripting</i>	
4	CIS 235 (Fall only - Prereq Required)	<i>Network Security II (CCNA CyberOps)</i>	
3	CIS 237 (Spring only – Prereq Required)	<i>Database Management Systems</i>	
3	CIS 245 (Spring only - Prereq Required) or CIS278 (Prereq Required)	<i>Ethical Hacking and Defense or IT Internship</i>	
3	SUNY GEN ED Liberal Arts and Science Elective		G***
63	Minimum credits required for graduation		

Notes on Cybersecurity and Networking AAS (CNET)

COURSE	PREREQUISITES	COURSE	PREREQUISITES
CIS133	CIS 131 (pre or corequisite)	CIS150	CIS140 or CIS143
CIS134	CIS133	CIS151	CIS140 or CIS143
CIS135	Any 3-credit CIS class	CIS232	CIS131
CIS136	CIS131	CIS235	CIS134 and either CIS135 or CIS136
CIS139	CIS134	CIS237	CIS140 or CIS143
CIS140	MAT108 or higher	CIS245	CIS235 and CIS232 (corequisite)
CIS143	MAT108 or higher	CIS278	Permission of Instructor

FIRST YEAR SEQUENCE

Credits	First Semester
1-2	HRD 100, HRD 100A or HRD 110
3	ENG 101
1	CIS 102
3	CIS 131
4	CIS 133
3	SUNY GEN ED Mathematics (and Quantitative Reasoning) - (See Note 1)
Credits	Second Semester
4	CIS 134
3	CIS 135 (Spring Only) or CIS 136 (Fall Only)
3	CIS 140 (Fall Only) or CIS143
3	SUNY Gen Ed Liberal Arts and Sciences Elective
3	CIS 151 (Fall Only) or CIS 232 (Spring Only)

SECOND YEAR SEQUENCE

Credits	Third Semester
3	ENG 102-ENG 110
3	CIS 237
4	CIS 235
4	CIS 139
3-4	SUNY GEN EN Natural Science Lab Science (and Scientific Reasoning)
Credits	Fourth Semester
3	SUNY Gen Ed Diversity: Equity, Inclusion and Social Justice
3	CIS 245 or CIS 278
3	CIS 120
3	CIS 150
3	SUNY GEN ED Humanities, The Arts, US History and Civic Engagement, World History and Global Awareness, Social Sciences or World Languages

DEGREE NOTES:

- STEM based mathematics are required. SUNY Plattsburgh Computer Security baccalaureate degree requires MAT 129.

GEN ED CODE	SUNY GEN ED CATEGORY	GEN ED CODE	SUNY GEN ED CATEGORY
GMAT	Mathematics (and Quantitative Reasoning)	GDVR	Diversity: Equity, Inclusion and Social Justice
GNSC/L	Natural Sciences (and Scientific Reasoning)	GHUM	Humanities
GSSC	Social Sciences	GART	The Arts
GUSC	US History and Civic Engagement	GWRL	World Languages
GGLB	World History and Global Awareness	GCWO	Communication – Written and Oral