Cyber Security AAS Career Ready Pathway (21 Months)

Guided pathways are recommended course sequences for earning a certificate or degree. Waubonsee's academic and career advising and counseling professionals are available to guide students on their path to graduate.

Fall	Credits	Prerequisite	Semester Offered	☑
ENG101 First-Year Composition I **or** ENG152 Business Communication	3	ENG101: C or better in ENG085 or ENG095, transitional English in high school or college placement measures. ENG152: None	FA | SP | SU	☐
MTH Elective	3	See Catalog	FA | SP | SU	☐
CIS107 Information Technology Fundamentals	3	None	FA	☐
CIS109 Introduction to Scripting	3	None	FA	☐
CIS115 Introduction to Programming	3	Recommended: C or better in MTH069 or MTH072 or placement by appropriate measures. Recommended Corequisite: CIS116	FA | SP| SU	☐
Total	**15**			

Spring	Credits	Prerequisite	Semester Offered	☑
ENG102 First-Year Composition I **or** ENG153 Technical Writing	3	ENG102: C or better in ENG101. ENG153: None	FA | SP | SU	☐
CIS118 Information Technology Professional	3	None	FA | SP	☐
CIS122 Networking Essentials	3	None	FA | SP	☐
CIS125 Information Technology Code of Ethics and Compliance	3	None	FA | SP	☐
CIS200 Cloud Technology	3	None	SP	☐
Total	**15**			

Fall	Credits	Prerequisite	Semester Offered	☑
COM100 Fundamentals of Speech	3	None	FA | SP | SU	☐
CIS131 Security Awareness	3	Recommended: CIS122	FA	☐
CIS137 CISCO I	3	None	FA	☐
CIS180 Linux Operating System	3	None	FA | SP	☐
CIS206 Managing Networking Environments	3	CIS122	FA	☐
Total	**15**			

Spring	Credits	Prerequisite	Semester Offered	☑
Social and Behavioral Sciences Elective	3	None	FA | SP | SU	☐
CIS208 Penetration Testing	3	CIS131	SP	☐
CIS210 Ethical Hacking	3	CIS180	SP	☐
CIS211 Firewalls and VPNs	3	CIS180	SP	☐
CIS237 CISCO II	3	CIS137	SP	☐
Total	**15**	**Questions? Call (630) 466-2361 or email**		
Degree Total	**60**	**advising@waubonsee.edu**		

Part-time Cyber Security AAS Career Ready Pathway (4 Years)

Fall (year one)	Credits	Prerequisite	Semester Offered	☑
CIS107 Information Technology Fundamentals	3	None	FA	☐
CIS109 Introduction to Scripting	3	None	FA	☐
Total	**6**			

Spring (year one)	Credits	Prerequisite	Semester Offered	☑
CIS118 Information Technology Professional	3	None	FA | SP	☐
CIS122 Networking Essentials	3	None	FA | SP	☐
Total	**6**			

Summer (year one)	Credits	Prerequisite	Semester Offered	☑
ENG101 First-Year Composition I **or** ENG152 Business Communication	3	ENG101: C or better in ENG085 or ENG095, Transitional English in high school or college placement measures. ENG152: None	FA | SP | SU	☐
CIS115 Introduction to Programming	3	Recommended: C or better in MTH069 or MTH072 or placement by appropriate measures. Recommended Corequisite: CIS116	FA | SP| SU	☐
Total	**6**			

Fall (year two)	Credits	Prerequisite	Semester Offered	☑
CIS125 Information Technology Code of Ethics and Compliance	3	None	FA | SP	☐
CIS131 Security Awareness	3	CIS122	FA	☐
Total	**6**			

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Spring (year two)	Credits	Prerequisite	Semester Offered	☑
CIS180 Linux Operating System	3	None	FA | SP	☐
CIS208 Penetration Testing	3	CIS131	SP	☐
Total	**6**			

Summer (year two)	Credits	Prerequisite	Semester Offered	☑
ENG102 First-Year Composition I **or** ENG153 Technical Writing	3	ENG102: C or better in ENG101 ENG153: None	FA | SP | SU	☐
MTH Elective	3	College placement measures	FA | SP | SU	☐
Total	**6**			

Fall (year three)	Credits	Prerequisite	Semester Offered	☑
Social and Behavioral Sciences Elective	3	None	FA |SP | SU	☐
CIS137 CISCO I	3	None	FA	☐
Total	**6**			

Spring (year three)	Credits	Prerequisite	Semester Offered	☑
CIS211 Firewalls and VPNs	3	CIS180	SP	☐
CIS237 CISCO II	3	CIS137	SP	☐
Total	**6**			

Fall (year four)	Credits	Prerequisite	Semester Offered	☑
COM100 Fundamentals of Speech	3	None	FA | SP | SU	☐
CIS206 Managing Networking Environments	3	CIS122	FA	☐
Total	**6**			

Spring (final semester)	Credits	Prerequisite	Semester Offered	☑
CIS200 Cloud Technology	3	None	SP	☐
CIS210 Ethical Hacking	3	CIS180	SP	☐
Total	**6**	**Questions? Call (630) 466-2361 or email**		
Degree Total	**60**	**advising@waubonsee.edu**		