

# AAS: Cybersecurity

**Curriculum Chair:** Prof. John Watkins CLA-26 Tel # (914) 606-8519 Email: [John.Watkins@sunywcc.edu](mailto:John.Watkins@sunywcc.edu)

**Associate Dean:** Jeffrey Conte CLA-201 Tel# (914) 606-6795 Email: [Jeffrey.Conte@sunywcc.edu](mailto:Jeffrey.Conte@sunywcc.edu)

## Developmental Courses as required based on placement scores

<input type="checkbox"/>	<b>No Developmental Courses Required</b>
<input type="checkbox"/>	<b>ENG 91</b> Writing for College 1 – Score of 4 E Code 1 and below
<input type="checkbox"/>	<b>ENG 92</b> Writing for College 2 – Score of 6 E Code 2
<input type="checkbox"/>	<b>ESL 94</b> Academic Writing 1 – Score of 5 or 6 E Code 6
3 <input type="checkbox"/>	<b>ESL 122</b> Academic Writing 2 (3 credits) – Score of 7 E Code 7
<input type="checkbox"/>	<b>MATH 92</b> Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below
<input type="checkbox"/>	<b>MATH 93</b> Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below <b>OR</b> <b>MATH 94</b> Math Literacy – Arithmetic score 45 and above, Elementary Algebra 54 and below
<input type="checkbox"/>	<b>READ 93</b> Foundation of College Reading – Score of 57 and below
3 <input type="checkbox"/>	<b>READ 105</b> Analytical Reading (3 credits) – Score of 58 and higher

## Core Requirements

3 <input type="checkbox"/>	<b>ENG 101</b> – Writing and Research Choose an item.
3 <input type="checkbox"/>	<b>ENG 102</b> – Writing and Literature Choose an item.
3 <input type="checkbox"/> / 4 <input type="checkbox"/>	<b>MATH 130</b> – College Algebra function and Model <b>OR</b> Choose an item.
	<b>MATH 135</b> – College Algebra with Trigonometry Choose an item.
4 <input type="checkbox"/>	<b>MATH 140</b> – Statistics Choose an item.
	<b>SCIENCE ELECTIVE: One Science course with lab (BIOL), (CHEM), (PHYSC): (4 credits)</b>
4 <input type="checkbox"/>	
3 <input type="checkbox"/>	<b>PHIL 160</b> – Ethics Choose an item.
3 <input type="checkbox"/>	<b>BEHAVIORAL SCIENCE: Choose one course: (3 credit) PSYCH 101</b> – General Psychology, <b>SOC 101</b> – Introduction to Sociology, <b>or ANTHR 101</b> – Cultural Anthropology Choose an item.
	<b>PHIL 150</b> – Applied Logic <b>OR</b>
	<b>SOCIAL SCIENCE:</b> <b>Courses include:</b> History ( <b>HIS</b> ), Political Science ( <b>POLSC</b> ), Economics ( <b>ECON</b> ), and Geography ( <b>GEOG</b> ). <i>However SS 102 and SS 105 CANNOT BE USED TO FULFILL Social Science.</i>
3 <input type="checkbox"/>	
	<b>PEC/PEH/PES:</b> A combination of two courses (2 credits) either <b>PEH</b> and <b>PES</b> , or <b>PEC</b> and <b>PES</b> , or <b>PEC</b> or <b>PEH</b> , <b>PEC</b> and <b>PEC</b> . <b>PEC 110</b> (2 credits) <i>IS THE ONLY COMBINIATION COURSE THAT FULFILLS BOTH P.E. REQS.</i>
1 <input type="checkbox"/>	
	1 <input type="checkbox"/>

## Degree Requirements

3	<input type="checkbox"/>	<b>CIS 110</b> – Computer Information Systems    Choose an item.
3	<input type="checkbox"/>	<b>CIS 130</b> – Computer Hardware: <b>CIS 110 is the prerequisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 120</b> – Object Oriented Programming Logic: <b>CIS 110 is a co-requisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 135</b> – PC Operating Systems: <b>CIS 110 is the prerequisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 140</b> – Networking for Business: <b>CIS 110 is the prerequisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 155</b> – Principles of Security/Forensics: <b>CIS 110 is the prerequisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 225</b> – Database Management Systems: <b>CIS 110 is the prerequisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 240</b> – Network Security: <b>CIS 140 and CIS 155 are prerequisites.</b> Choose an item.
4	<input type="checkbox"/>	<b>ACC 119</b> – Financial Accounting    Choose an item.
3	<input type="checkbox"/>	<b>CIS 260</b> – Systems Analysis/Design: <b>CIS 225 is the prerequisite.</b> Choose an item.
3	<input type="checkbox"/>	<b>CIS 245</b> – Computer Penetration Testing: <b>CIS 135 is the prerequisite. OR</b> Choose an item.
		<b>CIS 270</b> – Computer Forensics: <b>CIS 135 and CIS 155 are prerequisites.</b> Choose an item.
3	<input type="checkbox"/>	<b>OFTEC 240</b> – Business Communication    Choose an item.

**SEEN BY:**

**Completed credits**

**of 64 required**

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Academic Plan		Completed credits of 64 required			
		Fall/Spring		Fall/Spring	
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>
Fall/Spring		Fall/Spring			
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>