

AAS: Networking

Curriculum Chair: Prof. William Widulski TECH-101A Tel # (914) 606-6235 Email: William.Widulski@sunywcc.edu

Academic Dean: Dr. Kwesi Amoa TECH-106 Tel # (914) 606-6789 Email: Kwesi.Amoa@sunywcc.edu

Developmental Courses as required based on placement scores

<input type="checkbox"/>	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below, 30.01 Choose an item.
<input type="checkbox"/>	ENG 92 Writing for College 2 – Score of 6 E Code 2, 30.02 Choose an item.
<input type="checkbox"/>	ENG 99 Writing Studio (with linked section of ENG 101+) - Score of 6 E Code 2, 30.02
<input type="checkbox"/>	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6, 20.01 .
3 <input type="checkbox"/>	ESL 122 Academic Writing 2 – Score of 7 E Code 7, 21.01
<input type="checkbox"/>	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, 40.01 Choose an
OR <input type="checkbox"/>	MATH 93 Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02 Choose an item.
	MATH 94 Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below, 40.02 Choose an item.
<input type="checkbox"/>	READ 93 Foundation of College Reading – Score of 57 and below, 10.01 Choose an item.
3 <input type="checkbox"/>	READ 105 Analytical Reading – Score of 58 and higher 11.01 Choose an item.

Core Requirements

3 <input type="checkbox"/>	ENG 101 – Writing and Research OR ENG 101H Choose an item.
3 <input type="checkbox"/>	ENG 102 – Writing and Literature OR ENG 102H Choose an item.
4 <input type="checkbox"/>	MATH 161 – Pre-calculus Choose an item.
4 <input type="checkbox"/>	MATH 181 – Calculus 1 Choose an item.
	NATURAL SCIENCE GENERAL ED REQUIREMENTS – Select a 4 credit LAB course: BIOL 101, 103, 115, 115H, 117, 117H, 121, 123, CHEM 107, 111, 113, 117, 201, 205, PHYS 101, 111, 112, 121, 122, 129 143, 143H, 151, 292
4 <input type="checkbox"/>	
	SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course: ANTHR 101, 102, 103, 201, CJ 111, ECON 101, 101H, 102, 102H, GEOG 101, HSERV 102, 200, LIN 201, POLSC 111, 111H, 115, PSYCH 101, 101H, 103, 103H, 107, 109, 110, 111, 112H, 201 SOC 101, 101H, 102, 103, 104
3 <input type="checkbox"/>	
	THE ARTS, FOREIGN LANGUAGE, or OTHER WORLD CIVILIZATIONS GENERAL ED REQUIREMENTS – Select a 3/4 credit course: ART 101, 102, 103, 104, 105, 106, 107, 108, 109, 109A, 110, 111, 112, 125, 129, 130, 133, 134, 135, 137, 138, 140, 141, 147, 201, 203, 212, 265, DANCE 101, 102, 107, 120, 121, 205, 207, FILM 100, 101, 102, 130 MUSIC 110, 110H, 111, 120, 121, 130, 131, 132, 133, 150, 230, 231, 232, 233, THEAT 111, 113, 201 ARABC 101, 102, CHINS 102, FREN 101, 102, 201, ITAL 101, 102, 103, 201, 201H, 202, 202H, 250, JAPNS 101, 102, RUSSN 101, SPAN 101, 102, 103, 104, 201, 201H, 202, 202H, 203, 204 ANTHR 120, 210, 215H, HIS 119, 128, 129, 131, POLSC 113
3 <input type="checkbox"/> /4 <input type="checkbox"/>	

	<p>AMERICAN HISTORY or WESTERN CIVILIZATION GENERAL ED REQUIREMENTS – Select a 3 credit course:</p> <p>ART 108, 109, HIS 101, 102, 104, 106, 110, 111, 112, 121*, 133**, 134**, POLSC 102, 104, 107</p> <p><i>*Students who complete this course cannot use HIS 133 or 134 to fulfill degree and/or general education requirements</i></p> <p><i>**Students who complete this course cannot use HIS 121 to fulfill degree and/or general education requirements</i></p>
3 <input type="checkbox"/>	

Degree Requirements			
4 <input type="checkbox"/>		COMSC 101 – Computer Programming 1: Prerequisite: Placement Reading score of 80 or above or passing READ 105 and MATH 181 is co-requisite. Choose an item.	
3 <input type="checkbox"/>		COMSC 106 – IT Essential Choose an item.	
3 <input type="checkbox"/>		COMSC 116 – LINUX Operating System: COMSC 101 is the prerequisite. Choose an item.	
4 <input type="checkbox"/>		COMSC 118 – Intro to Networks (CCNA1): Prerequisites: Students must demonstrate readiness for Analytical Reading and college-level mathematics by attaining appropriate scores on the Placement Exam, or by attaining passing grades in the appropriate developmental courses, or by completion of previous college-level mathematics or English courses. Some previous computer use (for email, Internet or word processing) is necessary. Choose an item.	
4 <input type="checkbox"/>		COMSC 124 – R&S Essentials (CCNA2): COMSC 118 is the prerequisite. Choose an item.	
4 <input type="checkbox"/>		COMSC 128 – Scaling Networks (CCNA3): COMSC 124 is the prerequisite. Choose an item.	
4 <input type="checkbox"/>		COMSC 132 – Connecting Networks (CCNA4): COMSC 128 is the prerequisite. Choose an item.	
3 <input type="checkbox"/>		COMSC 134 – Network Administration: COMSC 128 is the prerequisite. Choose an item.	
ELECTIVES: Select courses from list below (8 credits)			
3 <input type="checkbox"/> /4 <input type="checkbox"/>		3 <input type="checkbox"/> /4 <input type="checkbox"/>	
3 <input type="checkbox"/> /4 <input type="checkbox"/>			

SEEN BY: _____ Completed credits _____ of 64 required

Select Concentration Electives from Computer Science:

- | | | |
|---------------------------------------|------------------------------------------|------------------------------------|
| COMSC 110-Computer Programming II | COMSC 120-Internship in Computer Science | COMSC 121-IT Essentials 2: NOS |
| COMSC 123-Home Technology Integration | COMSC 130-Voice Over IP | COMSC 136-Ad Routing Configuration |
| COMSC 138-Remote Access | COMSC 142-Network Security (CS) | COMSC 201A-Data Structures |
| COMSC 207-Java Programming | COMSC 208A-GUI Development | COMSC 214-Web Programming |
| COMSC 217-Computer Architecture | | |

Electrical Technology:

- | | | |
|------------------------------------|-------------------------------|-------------------------------|
| ELEC 128-Electrical Circuits | ELEC 208-Computer Systems | ELEC 261-Computer Diagnostics |
| CIS: CIS 150-Internet Technologies | CIS 235-Server Administration | CIS 245-Computer Penetration |
| CIS 270-Computer Forensics | | |

AAS: Networking

Curriculum Chair: Prof. William Widulski TECH-101A Tel # (914) 606-6235 Email: William.Widulski@sunywcc.edu

Academic Dean: Dr. Kwesi Amoa TECH-106 Tel # (914) 606-6789 Email: Kwesi.Amoa@sunywcc.edu

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>