AAS: Networking

Curriculum Chair: Prof. Stephen Leone TECH-154 Tel # (914) 606- Email: Stephen.Leone@sunywcc.edu
Academic Dean: Dr. Raymond Houston TECH-106 Tel # (914) 606-6789 Email: Raymond.Houston@sunywcc.edu

	Developmental Courses as required based on placement scores
☐	**ENG 91** Writing for College 1 – Score of 4 E Code 1 and below, **30.01**
☐	**ENG 92** Writing for College 2 – Score of 6 E Code 2, **30.02**
☐	**ENG 99** Writing Studio with linked ENG 101+ - Score of 6 E Code 2, **30.02** OR successful completion of ENG 91
☐	**ESL 94** Academic Writing 1 – Score of 5 or 6 E Code 6, **20.01**.
3☐	**ESL 122** Academic Writing 2 – Score of 7 E Code 7, **21.01**
☐	**MATH 92** Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, **40.01**
OR ☐	**MATH 93** Beginning Algebra – Arithmetic score 45 and above, Elementary Algebra 54 and below, **40.02**
	MATH 94 Foundations of Mathematical Reasoning – Arithmetic score 45 and above, Elementary Algebra 54 and below, **40.02**
☐	**READ 93** Foundation of College Reading – Score of 57 and below, **10.01**
3☐	**READ 105** Analytical Reading – Score of 58 and higher **11.01**

	Core Requirements
3☐	**ENG 101** – Writing and Research **OR ENG 101H**
3☐	**ENG 102** – Writing and Literature **OR ENG 102H**
4☐	**MATH 161 –** Pre-calculus **MATH 135 is the prerequisite.**
4☐	**MATH 181 –** Calculus 1 **MATH 161 is the prerequisite.**
	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, **PHYSC** 101, 111, 112, 121, 122, 129 143, 143H, 151, 292
4☐	
	SOCIAL SCIENCES GENERAL ED REQUIREMENTS – Select a 3 credit course: **ANTHR** 101, 102, 102H, 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☐	
	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, 107H, 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, **ENG** 227
3☐/4☐	

September 27, 2018 AG

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

	Degree Requirements
4☐	**COMSC 101 –** Computer Programming 1: **Prerequisite: Placement Reading score of 80 or above or passing READ 105 and MATH 181 is co-requisite**.
3☐	**COMSC 106 –** IT Essential
3☐	**COMSC 116** – LINUX Operating System: **COMSC 101 is the prerequisite.**
4☐	**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.**
4☐	**COMSC 124 –** R&S Essentials (CCNA2): **COMSC 118 is the prerequisite.**
4☐	**COMSC 128 –** Scaling Networks (CCNA3): **COMSC 124 is the prerequisite.**
4☐	**COMSC 132 –** Connecting Networks (CCNA4): **COMSC 128 is the prerequisite.**
3☐	**COMSC 134 –** Network Administration: **COMSC 128 is the prerequisite.**
	ELECTIVES: Select courses from list below (8 credits)
3☐/4☐	3☐/4☐
3☐/4☐	

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		

September 27, 2018 AG

Westchester Community College
State University of New York

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Academic Plan		**Completed credits**		**of 64 required**	
		Fall/Spring		**Fall/Spring**	
Class	**Credits**	**Class**	**Credits**	**Class**	**Credits**
		Fall/Spring		**Fall/Spring**	
Class	**Credits**	**Class**	**Credits**	**Class**	**Credits**

September 27, 2018 AG