

Genesee Community College

494: Computer Systems and Network Technologies A A S Degree

Requirements Table

FALL 2020 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1	GCC CORE (LIBERAL ARTS & SCIENCES) LOCAL GENERAL EDUCATION REQUIREMENTS	23	As Listed
1a	MATHEMATICS Select one: MAT 121, MAT 122, MAT 136, MAT 140, MAT 141	3	1st
1b	NATURAL SCIENCE Select one SUNY Natural Sciences Course	3	2nd
1c	SOCIAL SCIENCE Select one SUNY Approved Social Sciences Course	3	3rd
1d	HISTORY Select one GCC Local General Education History Course	3	4th
1e	HUMANITIES, ARTS, LANGUAGE Select one SUNY Approved Humanities, The Arts, or Foreign Language Course	3	3rd
1f	BASIC COMMUNICATION 1 ENG 101	3	1st
1g	BASIC COMMUNICATION 2 ENG 102, 105, 106 or SPE 108 or 109	3	4th
1h	LIB ARTS & SCI ELECTIVE Met by Mathematics Requirement	0	N/A
1i	HEALTH/PE/ATH - Select two credits from any HED, PED or ATH option	2	4th
2	PROGRAM REQUIREMENTS	39	As Listed
2a	CSN115 Introduction to Operating Systems	3	1st
2b	CSN121 Network Fundamentals	3	1st
2c	CSN151 Computer Repair	3	1st
2d	CIS125 Programming and Problem Solving	3	2nd
2e	Select one: MAT 121, MAT 122, MAT 136, MAT 140, MAT 141, MAT 142	3	2nd
2f	BUS221 Introduction to Project Management	3	2nd
2g	CSN221 Inter/Intra Networking (Spring Only)	3	2nd
2h	Restricted Elective 1 Select one: CIS113, CIS116, CIS120, CIS204, CIS215, CIS219, CSN130	3	3rd
2i	CSN201 Client Operating Systems (Fall Only)	3	3rd

ITEM	REQUIREMENT	CREDITS	SEMESTER
2j	CSN209 Overview of Computer and Network Security (Fall Only)	3	3rd
2k	CSN202 Server Operating Systems (Spring Only)	3	4th
2l	CSN217 Information Technology Internship	3	4th
2m	Restricted Elective 2 Select one: CIS112 (Spring Only), CIS113, CIS116, CIS120, CIS204, CIS215, CIS219, CIS221(Spring Only), CSN130	3	4th
3	TOTAL CREDITS REQUIRED TO COMPLETE DEGREE	62	Upon Completion
3a	Semester 1 Total Credits	15	1st
3b	Semester 2 Total Credits	15	2nd
3c	Semester 3 Total Credits	15	3rd
3d	Semester 4 Total Credits	17	4th
4	GENERAL CURRICULUM INFORMATION	0	N/A
4a	Proficiency Requirements: As outlined in Procedure 321- Placement and Proficiency Requirements (see GCC Placement and Proficiency Guide for details), all students are required to demonstrate proficiency in reading, math, and writing skills prior to earning a college degree or certificate from Genesee Community College.	0	Prior to Completion
4b	Minimum QPI: 2.00	0	Prior to Completion