

Genesee Community College
 494–Computer Systems and Network Technologies–A.A.S.
 SEMESTER COURSE PLANNING WORKSHEET
 2009-2010

Suggested First Semester	Credits	Suggested Second Semester	Credits
ENG101 (By Placement)	3	CIS125	3
MAT ELECTIVE	3	MAT ELECTIVE	3
CSN115 Introduction to Operating Systems	3	NATURAL SCIENCE ELECTIVE	3-4
CSN120	4	BUS221	3
CSN150	4	CSN A ELECTIVE	3
Total	17	Total	15-16
Suggested Third Semester	Credits	Suggested Fourth Semester	Credits
CSN RESTRICTED ELECTIVE	3	CSN C ELECTIVE	3
CSN B ELECTIVE	3	ENG106	3
CSN208	4	SOCIAL SCIENCE/HISTORY ELECTIVE	3
SOCIAL SCIENCE/HISTORY ELECTIVE	3	CSN217	3
ARTS/HUMANITIES/LANGUAGE	3	HEALTH/PE/REC	2
Total	16	Total	14

CSN Electives: Students must complete Series 1 or Series 2 CSN Electives:

	Series One	Or	Series Two
CSN A	CSN201	Or	CSN205
CSN B	CSN202	Or	CSN206
CSN C	CSN220	Or	CSN207

General Curriculum Information

English (by placement): Satisfactory completion of the writing skills exam is a prerequisite for ENG101. Students who do not satisfactorily complete the writing exam must register for ENG091 and/or ENG100 prior to completing their six (6) hour English sequence.

Mathematics (by placement): Mathematics placement is based on the ACT, ASSET, or COMPASS placement test.

Reading Proficiency Requirement: All students will be required to demonstrate proficiency in reading through testing prior to earning a degree or certificate. Students who do not meet the required standard will be expected to begin remediation immediately.

Cooperative Education: A Cooperative placement may be available after completion of 30 hours of course work. Please see faculty for further information.

494	Degree Requirements for Computer Systems and Network Technologies 2009-2010	A.A.S.
1	COMMUNICATIONS	6
	ENG101 English Communications 1	3
	ENG106 Technical Writing	3
2	FINE ARTS/HUMANITIES/FOREIGN LANGUAGE	3
	Select one: <u>SUNY Approved Arts course, SUNY Approved Humanities course, or SUNY Approved Foreign Language course</u>	
3	SOCIAL SCIENCE/HISTORY	6
	Select two: <u>SUNY Approved American History, SUNY Approved Western Civilizations course, SUNY Approved World Civilizations course, or SUNY Approved Social Sciences course</u>	
4	MATH	6
	Math Elective--Select from: MAT121 & MAT122 or MAT136 & MAT140 or MAT140 & MAT141 or MAT141 & MAT142	
5	NATURAL SCIENCE ELECTIVE	3-4
	Select one: <u>SUNY Approved Natural Science course</u>	
6	RESTRICTED ELECTIVES	3
	Select from: CIS112, CIS116, CIS120, CIS203, CIS208, CIS217/COM217, CIS215, CIS219, CIS221, CSN201, CSN205, COM216	
7	BUSINESS/COMPUTER INFORMATION SYSTEMS	6
	BUS221 Introduction to Project Management	3
	CIS125 Programming and Problem Solving	3
8	COMPUTER SYSTEMS AND NETWORK TECHNOLOGIES	27
	CSN115 Introduction to Operating Systems	3
	CSN150 Computer Repair	4
	CSN120 Networking Technologies	4
	CSN Electives: Students must complete Series 1 or Series 2 CSN Electives:	
	CSN A – CSN201 Network Client Operating Systems or CSN205 Intra-Networking	3
	CSN B - CSN202 Network Operating Systems or CSN206 Network Segmentation	3
	CSN C – CSN220 Inter/Intra Networking or CSN207 WAN Technologies	3
	CSN208 Overview of Computer and Network Security	4
	CSN217 Internship/Cooperative Learning Experience	3
9	HEALTH/PE/REC	2
	HED***, PED***, REC***	
	TOTAL	62-63
	Reading and Math Proficiency Required	
	Minimum QPI: 2.00	

Revised: 5/30/00, 4/16/01, 4/27/01, 4/30/01, 5/3/01, 5/10/02, 9/10/02, 2/21/03, 4/21/03, 8/27/03, 2/19/04, 2/17/05, 3/10/06, 2/26/07, 2/21/08, 1/6/09, 1/26/09, 2/20/09