

Genesee Community College
 453–Computerized Drafting & Design–A.A.S.
 SEMESTER COURSE PLANNING WORKSHEET
 2009-2010

Suggested First Semester	Credits	Suggested Second Semester	Credits
EGR101	4	EGR102	4
EGR118	3	EGR119	3
ENG101 (By Placement)	3	EGR108 or EGR103	3
MAT121	3	MAT122	3
RESTRICTED ELECTIVE	3	SOCIAL SCIENCE ELECTIVE	3
Total	16	Total	16
Suggested Third Semester	Credits	Suggested Fourth Semester	Credits
EGR105	3	EGR106	3
EGR220	3	EGR230 or COE214	3
ENG106	3	RESTRICTED ELECTIVE	3
PHY121	4	HUMANITIES ELECTIVE	3
RESTRICTED ELECTIVE	3	SOCIAL SCIENCE ELECTIVE	3
HEALTH/PE/REC	1	HEALTH/PE/REC	1
Total	17	Total	16

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 go to the Career & Transfer Center for further information.

453	Degree Requirements for Computerized Drafting & Design 2009-2010	A.A.S.
1	COMMUNICATIONS	6
	ENG101 English Communications 1	3
	ENG106 Technical Writing	3
2	FINE ARTS/HUMANITIES/LANGUAGE	3
	Select one: <u>SUNY Approved Arts course or SUNY Approved Humanities course or SUNY Approved Foreign Language course</u>	3
3	SOCIAL SCIENCE/HISTORY	6
	Select two from: <u>SUNY Approved Social Sciences courses or SUNY Approved American History courses or SUNY Approved Western Civilizations courses or SUNY Approved World Civilizations courses</u>	6
4	MATH/SCIENCE	10
	Mathematics Elective–Select from: MAT121 & MAT122 or MAT136 & MAT140 or MAT140 & MAT141 or MAT141 & MAT142	6
	PHY121 College Physics 1	4
5	ENGINEERING SCIENCE	38
	EGR101 Engineering Drawing 1	4
	EGR102 Engineering Drawing 2	4
	EGR105 Engineering Design Graphics 1	3
	EGR106 Engineering Design Graphics 2	3
	EGR108 Manufacturing Processes or EGR103 Architectural Drawing	3
	EGR118 Computer Assisted Drafting 1	3
	EGR119 Computer Assisted Drafting 2	3
	EGR220 3-D Solids & Modeling (Pictorial Drawing)	3
	EGR230 Design Problems or COE214 Co-op Education	3
	Restricted Electives–Select from: ART105, ART106, ART210, CHE***, CIS*** (Except CIS100, 101, or 102), CSN***, EGR***, EGR103, EGR117, EGR222, MAT129, MAT141, MAT142	9
6	HEALTH/PE/REC	2
	HED***, PED***, REC***	
	TOTAL	65
	Reading & Math Proficiency Required	
	Minimum QPI: 2.00	

Revised: 5/30/00, 11/30/00, 4/17/01, 5/10/02, 9/10/02, 3/19/03, 4/1/04, 2/17/05, 3/9/06, 2/22/07, 4/7/08, 1/26/09, 2/20/09