

453: Computerized Drafting & Design A A S Degree Requirements Table

FALL 2020 to CURRENT

ITEM	REQUIREMENT	CREDITS	SEMESTER
1	GCC CORE (LIBERAL ARTS & SCIENCES) LOCAL GENERAL EDUCATION REQUIREMENTS	24	As Listed
1a	MATHEMATICS MAT121, MAT122, MAT136, MAT140, MAT141 or MAT142	3	1st
1b	NATURAL SCIENCE PHY121 College Physics 1 or PHY122 College Physics 2	4	3rd
1c	SOCIAL SCIENCE <u>Select one SUNY Approved Social Sciences Course</u>	3	4th
1d	HISTORY Select one: GEO101, HIS101, 102, 104, 105, 203, or 204	3	4th
1e	HUMANITIES, ARTS, LANGUAGE Select one: PHO103 or PHO118	3	4th
1f	BASIC COMMUNICATION 1 ENG101 College Composition	3	1st
1g	BASIC COMMUNICATION 2 ENG106 Technical Writing	3	2nd
1h	LIB ARTS & SCI ELECTIVE Met by Mathematics Requirement	0	N/A
1i	HEALTH/PE/ATH Select 1 credit from any HED, PED or ATH option	1	2nd
1j	HEALTH/PE/ATH Select 1 credit from any HED, PED or ATH option	1	4th
2	PROGRAM REQUIREMENTS	39	As Listed
2a	MAT 121, MAT 122, MAT 136, MAT 140, MAT 141 or MAT 142	3	2nd
2b	EGR101 Engineering Drawing 1 (Fall Only)	3	1st
2c	EGR102 Engineering Drawing 2 (Spring Only)	3	2nd
2d	EGR103 Architectural Drawing (Spring Only)	3	2nd
2e	EGR105 Engineering Design Graphics 1 (Fall Only)	3	3rd
2f	EGR108 Manufacturing Processes (Fall Only)	3	1st
2g	EGR117 Engineering Blueprint Reading (Spring Only)	3	4th
2h	EGR118 Computer Assisted Drafting1 (Fall Only)	3	1st
2i	EGR119 Computer Assisted Drafting 2 (Spring Only)	3	2nd
2j	EGR215 Commercial Building with REVIT (Spring Only)	3	4th
2k	EGR220 3-D Solids and Modeling (Fall Only)	3	3rd
2l	COE214 Cooperative or Internship Experiences or BUS217 Cooperative Education	3	3rd
2m	Restricted Elective: Select one from ART207, ART209, ART210, any CHE, CIS (except 102), CSN, EGR, PHY, or MAT(except 108, 116 or 117) course.	3	3rd

ITEM	REQUIREMENT	CREDITS	SEMESTER
3	TOTAL CREDITS REQUIRED TO COMPLETE DEGREE	63	Upon Completion
3a	Semester 1 Total Credits	15	1st
3b	Semester 2 Total Credits	16	2nd
3c	Semester 3 Total Credits	16	3rd
3d	Semester 4 Total Credits	16	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