

Certificate: Computer Aided Drafting

Curriculum Chair: Prof. Tom Curanovic TEC-134 Tel # (914) 606-6942 Email: Tom.Curanovic@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

<input type="checkbox"/>	ENG 91 Writing for College 1 – Score of 4 E Code 1 and below, 30.01
<input type="checkbox"/>	ENG 92 Writing for College 2 – Score of 6 E Code 2, 30.02
<input type="checkbox"/>	ENG 99 Writing Studio with linked ENG 101+ - Score of 6 E Code 2, 30.02 OR successful completion of ENG 91
<input type="checkbox"/>	ESL 94 Academic Writing 1 – Score of 5 or 6 E Code 6, 20.01 .
3 <input type="checkbox"/>	ESL 122 Academic Writing 2 – Score of 7 E Code 7, 21.01
<input type="checkbox"/>	MATH 92 Pre-Algebra – Arithmetic score 44 and below, Elementary Algebra 54 and below, 40.01
OR <input type="checkbox"/>	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
<input type="checkbox"/>	READ 93 Foundation of College Reading – Score of 57 and below, 10.01
3 <input type="checkbox"/>	READ 105 Analytical Reading – Score of 58 and higher 11.01

Program of Study

3 <input type="checkbox"/> / 4 <input type="checkbox"/>	College-level math by placement (see below) – (3/4 credits) MATH 135 – College Algebra with Trigonometry, MATH 130 – College Algebra: Functions & Models or higher		
2 <input type="checkbox"/>	CIVIL 101A – Architectural Drawing		
3 <input type="checkbox"/>	CIVIL 103 – Introduction to Technology		
3 <input type="checkbox"/>	MECH 162 – CAD 1		
3 <input type="checkbox"/>	MECH 163 – CAD 2: MECH 162 is the prerequisite.		
3 <input type="checkbox"/>	MECH 265 ¹ – CAD 3 3D Modeling: MECH 162 and 163 are the prerequisites.		
3 <input type="checkbox"/>	CAD ELECTIVE: MECH 267, 268, 270, 272		
	TECHNICAL ELECTIVES: Select any two courses (6 credits). MECH 144 – Manufacturing 1 ELEC 119 – Basic Electricity, ELEC 128 – Electrical Circuits (MATH 93 or High School Algebra are the prerequisite), MECH 289 – Manufacturing Process (Offered in Spring Semester) or CIVIL 115 – Construction Methods and Materials and Lab.		
3 <input type="checkbox"/>		3 <input type="checkbox"/>	

SEEN BY:

Completed credits of 27 required

NOTES:

Students who do not place into ENG 101 – Writing and Research must complete a minimum of READ 105 – Analytical Reading in order to earn this certificate.

¹ If a student needs to register for both MECH 163- CAD 2 and MECH 265- CAD 3D during the same semester prior approval of the curriculum chair is needed. MECH 163- CAD 2 is one of the pre-requisite for MECH 265- CAD 3D.

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Academic Plan		Completed credits				of 27 required
		Fall/Spring		Fall/Spring		
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	
Fall/Spring		Fall/Spring				
<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	<u>Class</u>	<u>Credits</u>	