



CAMPUS: STANTON  
DEPARTMENT: AET/CET/CMT/SET/GET/CAD

**RECOMMENDED COURSE SEQUENCE SHEET**  
Effective: 201051

<b>Name:</b>		<b>CPT Test Scores</b>		<b>Suggested</b>		<b>Required Pre-tech (Based on Test Scores)</b>						
<b>ID #:</b>		<b>RDG</b>				<input type="checkbox"/> ESL					<input type="checkbox"/> MAT 005	
<b>Academic Advisor:</b>		<b>ENG</b>		<input type="checkbox"/> GET 075				<input type="checkbox"/> RDG 005		<input type="checkbox"/> MAT 012		
<b>Counselor:</b>		<b>ARH</b>		<input type="checkbox"/> SSS 101		<input type="checkbox"/> ENG 005		<input type="checkbox"/> RDG 051		<input type="checkbox"/> MAT 015		
<b>Matriculation Date:</b>		<b>ALG</b>		<input type="checkbox"/> SSS 102		<input type="checkbox"/> ENG 051		<input type="checkbox"/> RDG 120		<input type="checkbox"/> MAT 075		

Curriculum: **COMPUTER AIDED ENGINEERING DRAFTING & DESIGN TECHNOLOGY** Curriculum Code Designation: **CADAASCAD**

COURSE NUMBER AND TITLE	CL	L	CR	SEMESTER		GR	PREREQUISITES	CO-REQ.
				Offered	Completed			
RDG -120 or Test Score	3	0	3	Fall, Spring			*Placement Test	

FIRST SEMESTER (FALL)								
EDD-110, Intro to Engineering	2	2	3	Fall			*MAT-012, *ENG-051, *RDG-051	
EDD-141, Engineering Drafting & Design I	2	5	4	Fall			*MAT-012, *ENG-051, *RDG-051	
CIS-107, Computer Applications	2	2	3	Fall, Spring			None	
MAT-181, Algebra & Trigonometry I ***	4	0	4	Fall, Spring			*Placement Test	
MET-123, Modern Manufacturing Techniques	2	4	3	Fall			*RDG-051, MAT-012	
<b>TOTAL</b>	<b>12</b>	<b>13</b>	<b>17</b>					

SECOND SEMESTER (SPRING)								
EDD-142, Engineering Drafting & Design II, 8 wks.	2	2	3	Spring			EDD-141	
EDD-171, Intro. CAD Using AutoCAD, 8 wks.	2	2	3	Spring, Fall			EDD-141 or Department Approval	
EDD-233, Engineering Drafting & Design III, 8 wks.	2	2	3	Spring			EDD-142, EDD-171	
EDD-271, Adv. CAD Using AutoCAD, 8wks.	2	2	3	Spring, Fall			EDD-171	
ENG-121, Composition	3	0	3	Spring, Fall			*ENG-051, *RDG-051	
MAT-182, Algebra & Trigonometry II***	4	0	4	Spring, Fall			MAT-181	
<b>TOTAL</b>	<b>15</b>	<b>8</b>	<b>19</b>					

THIRD SEMESTER (FALL)								
EDD-234, Eng. Drafting & Design, Piping/HVAC	2	2	3	Fall			EDD-142, EDD-271	
EDD-246, Eng. Drafting & Design, Structural	2	2	3	Fall			EDD-142, EDD-271	
EDD-272, Solid Modeling	2	2	3	Fall			EDD-142, EDD-271 or Dept. Approval	
ENG-122, Tech. Writing & Communication	3	0	3	Fall, Spring			ENG-122	
PHY-171, Physics I	3	2	4	Fall, Spring			MAT-181	
Soc Sci**	3	0	3	Fall, Spring			*ENG-051, *RDG-051	
<b>TOTAL</b>	<b>15</b>	<b>8</b>	<b>19</b>					

FOURTH SEMESTER (SPRING)								
MET-132, Statics (8 weeks)	3	0	3	Spring, Fall			PHY 171	
MET-242, Strengths of Materials (8 weeks)	2	2	3	Spring, Fall			MET-132	
Soc Sci**	3	0	3	Fall, Spring			*ENG-051, *RDG-051	
EDD-161, Intro. to CAD (MicroStation)	2	2	3	Spring			EDD-141 or Department Approval	
EDD-245, Eng. Draft. & Design, Electrical	2	2	3	Spring			EDD-142, EDD-271	
EDD-249, Engineering Design Process	2	2	3	Spring			EDD-142, EDD-272	
<b>TOTAL</b>	<b>13</b>	<b>8</b>	<b>17</b>					
<b>GRAND TOTAL</b>			<b>72</b>					

Note: \* Placement Test  
\*\* Social Science electives (HIS111 or 112) or (ECO111 or 122) or PSY121 or SOC111 or POL 111 or CLT110  
\*\*\* ( Math requirement is (MAT-181 and MAT 182) or MAT 185 or MAT-281