



## CATALOG YEAR: 2021-2022 DRAFTING & DESIGN TECHNOLOGY

### FIRST SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Fundamentals of Drafting & Design	DRFT	1000	4
Introduction to CADD	CADD	1100	5
Introduction to Computer Technology	CSCI	1010	3
English Composition I (required only for those students pursuing the AAS)	ENGL	1010	3
<b>SEMESTER CREDIT HOURS</b>			<b>TD 12    AAS 15</b>

### SECOND SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Advanced CADD	CADD	1200	5
<b>Students who complete all courses above qualify to earn the Certificate of Technical Studies (CTS) Draft/Design Tech: Engineering Aid (17 credit hours)</b>			
Print Reading for Industry	PRNT	1000	3
Introduction to Speech (required only for those students pursuing the AAS)	SPCH	1200	3
College Algebra (required only for those students pursuing the AAS)	MATH	1100	3
<b>SEMESTER CREDIT HOURS</b>			<b>TD 8    AAS 14</b>

### THIRD SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Introduction to Drafting Disciplines	DRFT	1300	4
3-D CADD Concepts	CADD	1300	5
Plant Equipment	PTEC	1630	2
Plant Equipment Lab	PTEC	1631	2
Physical Science (required only for those students pursuing the AAS)	PHSC	1010	3
<b>SEMESTER CREDIT HOURS</b>			<b>TD 13    AAS 16</b>

### FOURTH SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS
Advanced Drafting Disciplines	DRFT	1500	4
Plant 3D and BIM	CADD	1700	5
TEC Electives (PTEC 2030, PTEC 2070, DRFT 2999)	****	****	3
Social Science Elective- Choose from ECON 2010, ECON 2020, SOCL 2000, PSCY 2010, or GEOG 2010 (required only for those students pursuing the AAS)	****	****	3
<b>SEMESTER CREDIT HOURS</b>			<b>TD 12    AAS 15</b>

**CTS- Draft/Design Tech: Eng Aide (17) = 17 credit hours**

**TD- Drafting & Design Tech = 45 credit hours**

**AAS- Drafting & Design Tech = 60 credit hours**

**DRAFTING & DESIGN TECHNOLOGY  
PRE-REQUISITES &  
CO- REQUISITES**

**FIRST SEMESTER**

<b>COURSE NAME</b>	<b>CO-REQUISITE</b>	<b>PRE-REQUISITE</b>
DRFT 1000	CADD 1100	
CADD 1100	DRFT 1000	

**SECOND SEMESTER**

<b>COURSE NAME</b>	<b>CO-REQUISITE</b>	<b>PRE-REQUISITE</b>
CADD 1200	PRNT 1000	CADD 1100, DRFT 1000
PRNT 1000	CADD 1200	CADD 1100, DRFT 1000

**THIRD SEMESTER**

<b>COURSE NAME</b>	<b>CO-REQUISITE</b>	<b>PRE-REQUISITE</b>
DRFT 1300	CADD 1300	CADD 1100, DRFT 1000, CADD 1200, PRNT 1000
CADD 1300	DRFT 1300	CADD 1100, DRFT 1000, CADD 1200, PRNT 1000
PTEC 1630	PTEC 1631	
PTEC 1631	PTEC 1630	

**FOURTH SEMESTER**

<b>COURSE NAME</b>	<b>CO-REQUISITE</b>	<b>PRE-REQUISITE</b>
DRFT 1500	CADD 1700	CADD 1100, DRFT 1000, CADD 1200, PRNT 1000, DRFT 1300, CADD 1300
CADD 1700	DRFT 1500	CADD 1100, DRFT 1000, CADD 1200, PRNT 1000, DRFT 1300, CADD 1300