

# INDUSTRIAL TECHNOLOGY

Clovis Community College  
Associate of Applied Science  
Catalog 2021-2022

NAME		DATE	
STUDENT ID#		ADVISOR	

## I. GENERAL ED REQUIREMENTS (16 CR)

COMM 1130 Public Speaking <b>OR</b> COMM 2120 Interpersonal Comm	3	
ENGL 1110* Composition I	3	
MATH 1130* Survey of Mathematics	3	
PHYS 1115C Survey of Physics & Lab	4	
<b>Social and Behavioral Science, Humanities, or Arts ELECTIVE:</b> Choose from <b>Area IV, Area V, or Area VI</b> on the Clovis Community College Lower Division General Education Core.		
	3	

## II. RELATED REQUIREMENTS (4 CR)

*(Related Requirements must be completed with a "C" or better)*

BCIS 1110 Fund of Info Lit & Systems	3	
PHED (Activity)	1	

## PLANT OPERATIONS & EQUIPMENT (48 CR)

### III. OTHER PROGRAM REQUIREMENTS: 3 CR

*(Program Requirements must be completed with a "C" or better)*

INDT 200 Welding Basics & Fabrication	3	
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### IV. PROGRAM REQUIREMENTS: 45 CR

*(Program Requirements must be completed with a "C" or better)*

INDT 102 Quality Systems	3	
INDT 103 Principles of Electricity	3	
INDT 104 Drawings & Schematics	3	
INDT 110 Environmental Health & Safety	3	
INDT 112* Fund of Materials & Design	3	
INDT 113* Principles of Electronics	3	
INDT 202 Intro to Prevent Maintenance	3	
INDT 203* Electric Motors/Motor Control	3	
INDT 204 Fluid Flow & Pneumatics	3	
INDT 210* Process Control	3	
INDT 211 Mechanical Equipment	3	
INDT 212 Mechanical Drives	3	
INDT 213 Power Generation Systems	3	
INDT 251* Practicum Experience	6	

## WIND ENERGY (48 CR)

### III. PROGRAM REQUIREMENTS: 48 CR

*(Program Requirements must be completed with a "C" or better)*

INDT 102 Quality Systems	3	
INDT 103 Principles of Electricity	3	
INDT 104 Drawings & Schematics	3	
INDT 108 Introduction to Wind Energy	3	
INDT 110 Environmental Health & Safety	3	
INDT 113* Principles of Electronics	3	
INDT 202 Intro to Preventative Maintenance	3	
INDT 203* Electric Motors/Motor Controls	3	
INDT 204 Fluid Flow & Pneumatics	3	
INDT 208* Wind Turb Mat E/M Equip	3	
INDT 210* Process Control	3	
INDT 212 Mechanical Drives	3	
INDT 213 Power Generation Systems	3	
INDT 218* Wind Turb Trouble & Repair	3	
INDT 251* Practicum Experience	6	

### TOTAL CREDITS REQUIRED

**(Plant Operations & Equipment Concentration) 68 CR**

### TOTAL CREDITS REQUIRED

**(Wind Energy Concentration) 68 CR**

\*Course requires a prerequisite.

Δ Course requires a "C" or better

(Fifteen semester hours towards degree or certificate must be completed at CCC with a 2.0 cumulative CCC grade point average.)

**Social and Behavioral Science/Humanities and Fine Arts ELECTIVE  
2021- 2022 Catalog**

(Students are required to choose 3 credit hours from Area IV, V, or VI)

**AREA IV: Social/Behavioral Sciences**

- a. ECON 1110, 2110\*, 2120\*
- b. POLS 1120
- c. PSYC 1110, 2120, 2130, 2140
- d. SOCI 1110, 2240, 2310
- e. ANTH 1140, 1180

**AREA V: Humanities**

- a. ENGL 1410, 2310, 2350, 2360, 2370, 2380,  
2610, 2620, 2630, 2640
- b. HIST 1110, 1120, 1130, 1140, 1150, 1160, 2110
- c. HUMN 1110, 2110
- d. PHIL 1120, 2110, 2230
- e. RELG 1110, 1126, 1510, 2130, 2140, 2220, 2230
- f. SPAN 1110, 1120\*

**AREA VI: Arts**

- a. ARTH 1110, 2110, 2120
- b. ARTS 1240, 1250\*, 1340, 1610,  
1630, 2330\*, 2410, 2610\*, 2630\*
- c. DANC 1110
- d. MUSC 1130

\* Course requires a prerequisite.