

INDUSTRIAL TECHNOLOGY
Clovis Community College
Associate of Applied Science
Catalog 2020-2021

NAME		DATE	
STUDENT ID#		ADVISOR	

I. GENERAL ED REQUIREMENTS (16 CR)

COMM 1130 Public Speaking OR COMM 2120 Interpersonal Comm	3	
ENGL 1110* Composition I	3	
MATH 1130* Survey of Mathematics	3	
PHYS 1115C Survey of Physics & Lab	4	
Social and Behavioral Science, Humanities, or Arts ELECTIVE: Choose from Area IV, Area V, or Area VI 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
2020- 2021 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, 2160**
- c. **PSYC 1110, 2120, 2130, 2140**
- d. **SOCI 1110, 2240, 2310**
- e. **ANTH 1140, 1180**

AREA V: Humanities

- a. **HIST 1110, 1120, 1130, 1140, 2110**
- b. **PHIL 1120, 2110, 2230**
- c. **HUMN 1110, 2110**
- d. **ENGL 1410, 2350, 2360, 2370, 2380,
2610, 2620, 2630, 2640**
- e. **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, 1210**
- e. **THEA 1110, 1130**

*** Course requires a prerequisite.**