

INDUSTRIAL TECHNOLOGY
Clovis Community College
Associate of Applied Science
Catalog 2024-2025

| | | | |
|-------------|--|---------|--|
| 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 | |
|---------------------------------------|---|--|

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 Prevent Maintenance | 3 | |
| INDT 203* Electric Motors/Motor Control | 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
2024 – 2025 Catalog**

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

AREA IV: Social/Behavioral Sciences (3 CR)

- 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 & VI: Humanities/Arts (3 CR)

- 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*
- g. ARTH 1110, 2110, 2120
- h. ARTS 1240, 1250*, 1340, 1610,
1630, 2330*, 2410, 2610*, 2630*
- i. DANC 1110
- j. MUSC 1130

* Course requires a prerequisite.