# INDUSTRIAL TECHNOLOGY

## Clovis Community College

**Associate of Applied Science**

### Catalog 2015-2017

|  |  |  |  |
| --- | --- | --- | --- |
| NAME |  | DATE |  |
| STUDENT ID# |  | ADVISOR | alexandra.penland@clovis.edu |

**I. GENERAL ED REQUIREMENTS (15 CR)**

|  |  |  |
| --- | --- | --- |
| ∆CIS 120 Intro to Application Software | 3 |  |
| COMM 101 Interp Comm **OR**COMM 102 Public Speaking | 3 |  |
| ENG 102\* English Composition | 3 |  |
| MATH 108\* Contemp Bus Math  | 3 |  |
| ***SOCIAL/BEV SCIENCE ELECTIVE:*** |  |  |
| ***(Choose from Area IV or Area V on the New Mexico Lower Division General Education Core.)*** |  |  |
|  | 3 |  |

**II. RELATED REQUIREMENTS (11 CR)**

*(∆ Related Requirements must be completed with a “C” or better)*

|  |  |  |
| --- | --- | --- |
| BAD 151 Introduction to Business | 3 |  |
| BOFT 115 Employment Strategies | 3 |  |
| HPE (Activity) | 1 |  |
| PHYS 113 Survey of Physics & Lab | 4 |  |

**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 |  |

**PLANT OPERATIONS & EQUIPMENT *Program Requirements Continued***

*(∆ Program Requirements must be completed with a “C” or better)*

|  |  |  |
| --- | --- | --- |
| INDT 212 Mechanical Drives | 3 |  |
| INDT 213 Power Generation Systems | 3 |  |
| INDT 251\* Practicum Experience | 6 |  |

**TOTAL CREDITS REQUIRED**

**(Plant Operations & Equipment**

**Concentration) 74 CR**

**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**

**(Wind Energy Concentration) 74 CR**

**\*Course requires a prerequisite.**

**∆ 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 (3 CR)**

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**(Students are required to choose up 3 credit hours from Areas IV & V)**

**AREA IV: Social/Behavioral Sciences**

1. **ECON 221\*, 222\***
2. **PSCI 102, 202**
3. **PSY 101, 106, 201, 202**
4. **SOC 101, 212, 215**
5. **ANTH 111, 123, 233, 243**

**AREA V: Humanities/Fine Arts**

1. **HIST 101, 102, 121, 122, 203**
2. **PHIL 201, 202, 211, PHIL/REL 212**
3. **HUM 221, 222**
4. **ENG 202, 203, 204, 205, 211, 221, 222, 223, 224**
5. **ART 101, 102\*, 106, 107\*, 131, 210, 214\*, 215\*,**

 **217, 221, 222\*, 231, 232\*, 261, 262, 271, 272\***

1. **DNC 101**
2. **MUS 101, 113**
3. **THTR 111, 275**
4. **FR 101, 102\***
5. **GER 101, 102\***
6. **SPAN 101, 102\***

**\* Course requires a prerequisite.**