

# INDUSTRIAL TECHNOLOGY

# [AAS] RECOMMENDED COURSE SEQUENCING

## First

Semester [Fall I]

- COMM 1130 Public Speaking **OR** COMM 2120: Interpersonal Communication [3 Credits]
- ENGL 1110 English Composition I [3 Credits]
- MATH 1130 Survey of Math [3 Credits]
- PHYS 1115C Survey of Physics & Lab [4 Credits]
- Social & Behavioral Science, Humanities **OR** Arts [3 Credits]

**TOTAL SEMESTER HOURS: 16**

## Second

Semester [Spring I]

- INDT 103 Principles of Electricity [3 Credits]
- INDT 104 Drawings & Schematics [3 Credits]
- INDT 108 Introduction to Wind Energy [3 Credits]
- INDT 112 Fund of Materials & Design [3 Credits]
- INDT 113 Principles of Electronics [3 Credits]

**TOTAL SEMESTER HOURS: 15**

## Third

Semester [Summer]

- INDT 251 Practicum Experience [6 Credits]
- PHED 1XXX [1 Credits]

**TOTAL SEMESTER HOURS: 7**

## Fourth

Semester [Fall II]

- INDT 203 Electric Motors/Motor Controls [3 Credits]
- INDT 210 Process Control [3 Credits]
- INDT 212 Mechanical Drives. [3 Credits]
- INDT 213 Power Generation Systems [3 Credits]
- INDT 218 Wind Turb Trouble & Repair [3 Credits]
- BCIS 1110 Fund of Info Lit & Systems [3 Credits]

**TOTAL SEMESTER HOURS: 18**

## Fifth

Semester [Spring II]

- INDT 102 Quality Systems [3 Credits]
- INDT 110 Environmental Health & Safety [3 Credits]
- INDT 200 Welding Basics & Fabrication [3 Credits]
- INDT 202 Intro to Preventative Maintenance [3 Credits]
- INDT 204 Fluid Flow & Pneumatics [3 Credits]
- INDT 208 Wind Turb Mat E/M Equip [3 Credits]
- INDT 211 Mechanical Equipment [3 Credits]

**TOTAL SEMESTER HOURS: 21**

**TOTAL CREDITS REQUIRED: 77**

INDT classes are taught on a rotating block schedule system. Fall and Spring terms may be taught in different terms than shown here.