



Industrial Systems Technology Pathway Certificates

2023-2024 Curriculum

Curriculum Coordinator: Tony Gallardo, WMW 217A

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Student Name: _____

Completion Date: _____

Industrial Systems Technology Pathway - C50240H1

| Prefix | No | Title | Class | Lab | Clinic | Credit | Semester Offered |
|--------------------------------|-----|--------------------------|----------|-----------|----------|-----------|------------------|
| BPR | 111 | Print Reading | 1 | 2 | 0 | 2 | All |
| HYD | 110 | Hydraulics/Pneumatics I | 2 | 3 | 0 | 3 | Spring |
| MEC | 111 | Machine Processes I | 1 | 4 | 0 | 3 | Spring |
| MNT | 110 | Intro to Maint Processes | 1 | 3 | 0 | 2 | Fall and Spring |
| WLD | 121 | GMAW (MIG) FCAW/Plate | 2 | 6 | 0 | 4 | Fall and Spring |
| Total Recommended Hours | | | 7 | 18 | 0 | 14 | |

Industrial Systems Technology Pathway (Pre-Apprenticeship) - C50240H2

| Prefix | No | Title | Class | Lab | Clinic | Credit | Semester Offered |
|--------------------|-----|-------------------------|----------|----------|----------|-----------|------------------|
| HYD | 110 | Hydraulics/Pneumatics I | 2 | 3 | 0 | 3 | Spring |
| ELC | 111 | Intro to Electricity | 2 | 2 | 0 | 3 | Spring |
| MEC | 111 | Machine Processes I | 1 | 4 | 0 | 3 | Spring |
| ISC | 121 | Envir Health & Safety | 3 | 0 | 0 | 3 | Fall and Spring |
| Total Hours | | | 8 | 9 | 0 | 12 | |

Industrial Systems Technology Pathway - L1 (PCS Technical) C50240H3

| Prefix | No | Title | Class | Lab | Clinic | Credit | Semester Offered |
|--------------------------------|-----|----------------------------|----------|-----------|----------|-----------|------------------|
| BPR | 111 | Print Reading | 1 | 2 | 0 | 2 | All |
| EGR | 125 | Appl Software for Tech | 1 | 2 | 0 | 2 | All |
| ISC | 121 | Envir Health & Safety | 3 | 0 | 0 | 3 | Fall and Spring |
| MNT | 110 | Intro to Maint Procedures | 1 | 3 | 0 | 2 | Spring |
| MNT | 150 | Basic Building Maintenance | 1 | 3 | 0 | 2 | All |
| WLD | 112 | Basic Welding Processes | 1 | 3 | 0 | 2 | Fall |
| Total Recommended Hours | | | 8 | 13 | 0 | 13 | |

Industrial Systems Technology Pathway - L2 (PCS Technical) C50240H4

| Prefix | No | Title | Class | Lab | Clinic | Credit | Semester Offered |
|--------------------------------|-----|-------------------------|----------|-----------|----------|-----------|------------------|
| BPR | 121 | Blueprint Reading-Mech | 1 | 2 | 0 | 2 | All |
| ELC | 112 | DC/AC Electricity | 3 | 6 | 0 | 5 | Spring |
| HYD | 110 | Hydraulics/Pneumatics I | 2 | 3 | 0 | 3 | Spring |
| MEC | 111 | Machine Processes I | 1 | 4 | 0 | 3 | Spring |
| Total Recommended Hours | | | 7 | 15 | 0 | 13 | |

Department Chair of Industrial & Engineering Technologies

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