



Career and Technical Education (CTE) Pathway
Industrial Systems Technology Diploma (D50240P1)

1) General Education Requirements

>Take 6 credits from:

ENG-111	Writing and Inquiry
MAT-143	Quantitative Literacy

Pre-requisite

DRE-098	3.00 SHC
DRE-098, DMA-010-050	3.00 SHC

2) Technical Core

Required Core Courses

>Take 7 credits from:

HYD-110	Hydraulics/Pneumatics I
MNT-110	Intro to Maintenance Procedures
WLD-112	Basic Welding Processes

None	3.00 SHC
None	2.00 SHC
None	2.00 SHC

Electricity

>Take 5 credits from:

ELC-112	DC/AC Electricity
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DRE-098 & DMA-030	5.00 SHC
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Prints and Diagrams

>Take 2 credits from:

BPR-111	Print Reading
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None	2.00 SHC
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Metalworking and Fabrication

>Take 3 credits from:

MEC-111	Machine Processes I
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None	3.00 SHC
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Safety

>Take 2 credits from:

ISC-112	Industrial Safety
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DRE-098	2.00 SHC
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3) Concentration Requirements

Prg Mgr Industrial Systems

>Take 8 credits from:

ELC-113	Residential Wiring
ELC-117	Motors and Controls

DRE-098 & DMA-030	4.00 SHC
ELC-112 or ELC-113	4.00 SHC

4) Other Major Requirements

Required Courses

>Take 8 credits from:

CIS-111	Basic PC Literacy
ELC-128	Intro to PLC
MEC-130	Mechanisms

DRE-098	2.00 SHC
None	3.00 SHC
None	3.00 SHC

TOTAL SEMESTER HOURS CREDIT (SHC)

(41.00 SHC)

Comments:

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