

Industrial Systems Technology Diploma (D50240)

Student _____ **Advisor:** Ryal Watkins
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English Requirements (3 credit hours)

___ ENG 111 (3) Expository Writing

Math Requirements (3 credit hours)

___ MAT 115 (3) Mathematical Models **or**
___ MAT 120 (3) Geometry & Trigonometry

Math Placement _____

Reading Placement _____

Writing Placement _____

___ MAT 060 (4) Essential Mathematics
___ MAT 070 (4) Introductory Algebra

___ RED 080 (4) Intro to College Reading
___ RED 090 (4) Improved College Reading

___ ENG 080 (4) Writing Foundations
___ ENG 090 (3) Composition Strategies

***Developmental courses/pre-requisites may be waived by placement tests or appropriate transfer credit**

General Education Requirements (3-4 credit hours)

___ ACA 115 (1) Success & Study Skills
___ CIS 111 (2) Basic PC Literacy **OR**
___ CIS 110(3) Introduction to Computers

Major Requirements (30 credit hours)

___ BPR 130(2) Blueprint Reading/Construction
___ ELC 112(5) DC/AC Electricity
___ ELC 115(4) Industrial Wiring
___ ELC 117(4) Motors & Controls
___ ELC 125(2) Diagrams & Schematics
___ ELC 128(3) Intro to Programmable Logic (PLC)
___ HYD 110(3) Hydraulics/Pneumatics I
___ ISC 128(2) Industrial Safety
___ MEC 111(3) Machine Processes I
___ MNT110(2) Intro to Maintenance Procedures
___ WLD 112(2) Basic Welding Process

Pre-Requisite: ELC 128 or Instructor Approval