

## Electrical/Electronics Technology Diploma (D35220)

**Student** \_\_\_\_\_ **Advisor:** Dennis Turner  
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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 credit hours)

\_\_\_ ACA 115 (1) Success & Study Skills  
\_\_\_ CIS 111 (2) Basic PC Literacy

### Major Courses (34 credit hours)

\_\_\_ ELC 112(5) DC/AC Electricity  
\_\_\_ ELC 113(4) Basic Wiring I  
\_\_\_ ELC 114(4) Basic Wiring II  
\_\_\_ ELC 115(4) Industrial Wiring  
\_\_\_ ELC 117(4) Motors & Controls  
\_\_\_ ELC 118(2) National Electric Code  
\_\_\_ ELC 125(2) Diagrams & Schematics  
\_\_\_ ELC 127(2) Software for Technicians  
\_\_\_ ELC 128(3) Introduction to PLC  
\_\_\_ ELC 228(4) PLC Applications

Pre-Requisite: ELC 128 or instructor approval

Pre-Requisite: ELC 117 or ELC 125 or instructor approval

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Pre-Requisite: ELC 128 or instructor approval