Electrical/Electronics Technology A.A.S Degree (A35220)

Student_____ **Advisor:** Dennis Turner
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English Requirements (6 credit hours)
___ENG 111 (3) Expository Writing
___ENG 115 (3) Oral Communication

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

Math Requirements (3 credit hours)
___MAT 115 (3) Mathematical Models **or**
   MAT 120 (3) Geometry & Trigonometry

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

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General Education Requirements (6 credit hours)
___ACA 115 (1) Success & Study Skills
___CIS 111 (2) Basic PC Literacy
___BUS 230 (3) Small Business Management

Social Behavioral Sciences (3 credit hours)
___Select One: GEO 111, HIS 121, HIS 122, HIS 131, HIS 132, HIS 221, POL 120, PSY 118, *PSY 150, *PSY 243,
          *SOC 210, *SOC 213, *SOC 220

Humanities/Fine Arts (3 credit hours)
___Select One: ART 111, *HUM 115, * HUM 120, *HUM 121, *HUM 160, *HUM 211, MUS 110, *REL 110

Electives (2 credit hours)
___Select Two credit hours: COE 111(1), COE 112 (2) COE 113(3), *ELC 229(2), ISC 112(2), ISC 261(3)

Signifies Courses with a pre-requisite

Major Courses (42 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   Pre-Requisite: ELC 128 or instructor approval
___ELC 117(4) Motors & Controls
___ELC 118(2) National Electric Code
___ELC 125(2) Diagrams & Schematics
___ELC 127(2) Software for Technicians   Pre-Requisite: ELC 117 or ELC 125 or instructor approval
___ELC 128(3) Introduction to PLC   Pre-Requisite: ELC 125 or instructor approval
___ELC 228(4) PLC Applications   Pre-Requisite: ELC 128 or instructor approval
___ELN 131(4) Semiconductor Applications
___ELN 133(4) Digital Electronics