## Business & Technology Division Degree Plan

**ELECTRICIAN TECHNOLOGY**  
Associate of Applied Science

### Placement Testing:

**Alternative Exam:**  
- Accuplacer/ASSET/COMPASS/ THEA  
  - ACT  
  - SAT  

### Developmental Courses (enter grade)

- **Reading:**  
  - None  
  - READ 70  
  - READ 80  
  - READ 90  
  - Non Course Remediation  

- **Writing:**  
  - None  
  - ENGL 71  
  - ENGL 81  
  - ENGL 91  
  - Non Course Remediation  

- **Math:**  
  - None  
  - MATH 80  
  - MATH 85  
  - MATH 90  
  - Non Course Remediation  

### Major Courses

#### First Year - Fall Semester

- ELPT 1411 - Basic Electrical Theory  
- ELPT 1419 - Fundamentals of Electricity I  
- ELPT 1325 - National Electrical Code I  
- ELPT 1429 - Residential Wiring  

#### First Year - Spring Semester

- ELPT 1420 - Fundamentals of Electricity II  
- ELPT 1445 - Commercial Wiring  
- ENGL 1301 - Composition  
- ELPT 2325 - National Electric Code II  

#### Second Year - First Semester

- SPCH 1311 - Introduction to Speech Communication  
- ELPT 2447 - Electrical Testing & Maintenance  
- ELPT 1457 - Industrial Wiring  
- ELPT 2419 - Programmable Logic Controllers I  

#### Second Year - Second Semester

- MATH 1332 - Contemporary Mathematics  
- HART 1411 - Solar Fundamentals  
- WIND 2359 - Wind Power Delivery System  
- Humanities Elective  

#### Second Year - Summer Semester

- Social/Behavioral Sciences Elective  
- *Program Elective  
- ELPT 2264 - Practicum  

*See prerequisite for list of Program Electives*
2013-2014  Electrician Technology, Associate of Applied Science

PRE-REQUISITES:

ELPT 1411 BASIC ELECTRICAL THEORY
Prerequisite: None.

ELPT 1419 FUNDAMENTALS OF ELECTRICITY I
Prerequisite: None.

ELPT 1325 NATIONAL ELECTRICAL CODE I
Prerequisite: None.

ELPT 1429 RESIDENTIAL WIRING
Prerequisite: None.

ELPT 1420 FUNDAMENTALS OF ELECTRICITY II
Prerequisite: Completion of ELPT 1411, ELPT 1419, ELPT 1325, and ELPT 1429.

ELPT 1445 COMMERCIAL WIRING
Prerequisite: Completion of ELPT 1411, ELPT 1419, ELPT 1325, and ELPT 1429.

ENGL 1301 COMPOSITION
Prerequisite: A score of 60+/E-6, E-7, E-8 or 80+/E-5 on the ACCUPLACER Exam for Writing, equivalent placement score, or completion of ENGL 0200 with a grade of "C" or better; and a score of 78 on the ACCUPLACER Exam for Reading, the completion of READ 0200 or equivalent.

ELPT 2325 NATIONAL ELECTRICAL CODE II
Prerequisite: Completion of ELPT 1411, ELPT 1419, ELPT 1325, and ELPT 1429.

SPCH 1311 INTRODUCTION TO SPEECH COMMUNICATION
Prerequisite: Completion of READ 0200 or equivalent.

ELPT 2447 ELECTRICAL TESTING & MAINTENANCE
Prerequisite: ELPT 1411, ELPT 1419, ELPT 1325, and ELPT 1429.

ELPT 1457 INDUSTRIAL WIRING
Prerequisite: ELPT 1419, ELPT 1445.

ELPT 2419 PROGRAMMABLE LOGIC CONTROLLERS I
Prerequisite: ELPT 1419, ELPT 1445.

MATH 1332 CONTEMPORARY MATHEMATICS
Prerequisite: A score of 63+ on the Elementary Algebra ACCUPLACER Exam, or a score of 63+ on the CLM ACCUPLACER Exam; or completion of MATH 0090 with a grade of "P" or "C" or better, or equivalent.

HART 1411 SOLAR FUNDAMENTALS
Prerequisite: None.

WIND 2359 WIND POWER DELIVERY SYSTEM
Prerequisite: None.

ELPT 2264 PRACTICUM
Prerequisite: ELPT 1457, ELPT 2419.

HUMANITIES ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)

SOCIAL / BEHAVIORAL SCIENCES ELECTIVE - 3 CREDITS (Depending on the course, check the catalog for pre-requisites.)

*PRE-REQUISITES FOR PROGRAM ELECTIVES:

ELMT 1402 SOLAR PHOTOVOLTAIC SYSTEMS
Prerequisite: ELPT 1457, ELPT 2419.

ELPT 2437 ELECTRICAL PLANNING & ESTIMATING
Prerequisite: ELPT 1457, ELPT 2419.