



Pittsburg State University  
**College of Technology Program Guide**

Degree: Associate of Applied Science  
 Major: Electrical Technology  
 Emphasis/Option:  
 Minor (if required):

As of Fall 2014

**First Year**

**First Semester (16 hours)**

ET 181: Residential Wiring Methods .....	5
ET 182: Residential Wiring Methods Laboratory I .....	3
ET 183: Fundamentals of Electricity .....	3
ET 184: Special Project .....	2
ENGL 101: English Composition .....	3

**Second Semester (16 hours)**

ET 185: Electrical Machinery and Equipment .....	5
ET 186: Electrical Machinery and Equipment Laboratory I .....	3
ET 187: Electrical Estimating and Blueprint Reading .....	3
ET 188: Special Project .....	2
COMM 207: Speech Communication .....	3

**Summer Session (8-9 hours)**

ET 299: Cooperative Industrial Training (Electrical Internship) .....	6
Approved general education elective .....	2-3

Note: The "on-the-job" Internship (ET 299) is required of all Electrical Technology students.

**Second Year**

**Fourth Semester (16 hours)**

ET 282: Motor Control Fundamentals .....	5
ET 283: Motor Control Fundamentals Laboratory I .....	3
ET 284: National Electrical Code .....	3
ET 285: Special Project .....	2
PSYCH 155: General Psychology .....	3
or POLS 101: U.S. Politics .....	3
or PHIL 208: Logic .....	3

**Fifth Semester (17 hours)**

ET 286: Industrial and Commercial Wiring Methods .....	5
ET 287: Industrial and Commercial Wiring Methods Laboratory I .....	3
ET 288: Journeyman Electrical Certification .....	3
ET 289: Special Project .....	3
Approved general education elective .....	2-3

Total minimum hours for Associate of Applied Science Degree with a Major in Electrical Technology (73 hours)

Students may enter the program at the first or second semester, per space availability.

**GENERAL EDUCATION REQUIREMENTS  
(14-18 hrs.)**

**Basic Skills 6 hours**

COMM	207	Speech Communication.....	3
ENGL	101	English Composition.....	3

**Core Courses (Select one) 3 hours**

PSYCH	155	General Psychology .....	3
or	POLS	101 U.S. Politics.....	3
or	PHIL	208 Logic .....	3

**Approved General Education Electives for Electrical  
Technology Program, chosen from two different programs  
(prefixes):**

**Minimum**

MATH	110	College Algebra with Review .....	5
MATH	113	College Algebra.....	3
MATH	133	Quantitative Reasoning .....	3
MATH	143	Elementary Statistics .....	3
PHYS	171/172	Physical Science and Laboratory .....	4
MGMKT	101	Introduction to Business .....	3
ACCTG	201	Financial Accounting .....	3
CIS	130	Computer Information Systems .....	3
GT	190	Introduction to Technological Systems.....	2
ECON	191	Issues in Today's Economy .....	3

Notes

NOTE: The information contained herein is intended to be used for the planning of a student's academic program and does not constitute a contract. While this guide was prepared with the latest information, courses, graduation requirements, and curricula are subject to change.

When a student attains 85 semester hours of credit (including current enrollment) the student must apply for a degree check in the Office of the Registrar (Degree Checking Section), Room 102 Russ Hall.

**MINIMUM GENERAL REQUIREMENTS:** The minimum requirements for graduation include 124 semester hours of which 60 hours must be from a four year university. In addition, 45 semester hours must be upper division and 30 hours in residence at PSU (including 24 of the last 30). Minimum GPA for non-education degree is 2.0 overall [2.0 in major], secondary education degree is 2.5 overall [2.75 in major], and early/late childhood/unified degree is 2.80 overall [3.0 in major]. A minimum GPA of 2.0 in any minor and in residence coursework is required. General Education and all degree requirements are provided in the online catalog. Refer to individual departments for specific requirements.