

**IMPERIAL VALLEY COLLEGE DISTRICT
REVIEW OF CAREER EDUCATION TRAINING PROGRAMS
2019**

ELECTRICAL TECHNOLOGY

I. Program Description

The Electrical Technology major and certificate is designed to provide students with the comprehensive understanding and manipulative skills, technical knowledge, and related trade information required to become technicians or operators in Industrial technology and energy related industries or light manufacturing equipment. This program will allow students to comply with the necessary requirements for certification up to Grade I level. Once the student becomes a state certified operator, he or she will qualify to seek employment in the industrial technology disciplines anywhere in the State. Imperial Valley College has partial program certification from the Division of Labor Standards for Electrician Certification.

Specialization Certificate in Electrical Wiring is designed to provide students and entry level operators seeking higher grade level and specific understanding and skills, technical knowledge, and related trade information on electrical installations. It will prepare students in electrical residential installations. Once the student finishes this program, he or she will qualify to seek employment in the electrical and energy sector anywhere in the State.

Specialization Certificate in Electronics is designed to provide students and entry level seeking higher grade level and specific understanding and skills, technical knowledge, and related trade information on electronic equipment based on semiconductor devices and microchips, including data acquisition equipment and software for virtual instrumentation.

A. Degree
Associate in Science, Electrical Technology

B. Certificate
Certificated of Achievement, Electrical Technology
Certificated of Achievement, Electrical Technology – Electrical Wiring Specialization
Certificated of Achievement, Electrical Technology – Electronics Specialization

II. Career Opportunities

- Electricians
- Commercial Electrical Installer
- Electrical Maintenance Technician
- Helpers-Electricians
- Electrical Installer
- Solar Engineer

III. Labor Market Demand

The Electrical Technology program at Imperial Valley College meets a documented labor market demand. Employment trends for this field are derived from a variety of sources. These are listed below:

A. Employment Trends (Employment Development Department):

Occupation	TOP Code	SOC Code	Average Job Openings per Year
Electricians	0952.20	472111	108

*Center of Excellence Imperial County Regional Labor Market Assessment 2016

IV. Other Regional Programs

There are no other similar training programs in Imperial Valley.

V. Employment (Perkins Core Indicator)

	Job Placement
	2016-2017
Electrical Technology	86%
ET: Electrical Wiring Specialization	86%
ET: Electronics Specialization	86%

VI. Completions/Success

	Degrees		Certificates	
	2017-2018	2018-2019	2017-2018	2018-2019
Electrical Technology	6	5	11	11
ET: Electrical Wiring Specialization	NA	NA	2	2
ET: Electronics Specialization	NA	NA	0	1

VII. Program Evaluation (to be completed by EWD office)

Electrical Technology Program meets the requirements stipulated under the California Education Code, Division 7, Part 48, Chapter 1, Article 1, Section 78016.