

**IMPERIAL VALLEY COLLEGE DISTRICT
REVIEW OF CAREER TECHNICAL EDUCATION TRAINING PROGRAMS
2013**

ELECTRICAL TRADES

I. Program Description

The Electrical Trades program prepares the student for continued education and training in any or all of the following electrical apprenticeship programs: Electrician, Generation Mechanic, Power Lineman, Meter Technician, System Protection Technician, SCADA/ Telecommunications Technician, and Substation-Electrician. This certificate is equivalent to the first four courses of related supplemental instruction (RSI) which are part of the four-year apprenticeship certificate programs for which Imperial Valley College (IVC) is the local educational agency (LEA) and the Imperial Irrigation District (IID) is the sponsoring employer.

A. Degree

Associate in Science, Electrical Trades

B. Certificate

Certificated of Achievement, Electrical Trades

II. Career Opportunities

Industrial Electronics

III. Industry Certification/Accreditation (to be completed by faculty)

IV. Industry Recognized Credentials (IRC) (to be completed by faculty)

V. Labor Market Demand

The Electrical Trades 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	2008	Average Job Openings per Year
Industrial Electronics	0934.20			Not listed

*Same data as 2012. No updates from State Employment Development
Occupational Employment Projections 2008-2018
Imperial County

<http://www.labormarketinfo.edd.ca.gov/CommColleges/>

B. Employment Trends (Faculty Assessment):

VI. Other Regional Programs

There are no other similar training programs in Imperial Valley.

VII. Employment and Completion

(Based on State Core Measures Report, 2011-2012, 2012-2013 & 2013-2014)

Core 2: Completions. Measures completions for Career Technical Education student concentrators. Receipt of a certificate or degree or enrollment in a California four-year public university with or without a degree is considered a completion.

Fiscal Year Planning	Program	Total Completions	IVC Completion Rate	State Avg. Completion Rate
2013-2014	Industrial Electronics	0	0	80.14%
2012-2013	Industrial Electronics	0/1	0	75.13%
2011-2012	Industrial Electronics	0	0	88.18%

PERKINS IV Program Performance Trend Report
 Core Indicator Two – Total Completions – Certifications, Degrees and Transfer
https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx

Core 3: Persistence and Transfer. The percent of Career Technical Education student concentrators (students who have successfully completed a minimum of 12 units of related Career Technical Education coursework) who persist in education at the community college level or transfer to a two or four-year institution.

Fiscal Year Planning	Program	Persistence	IVC Persistence Rate	State Avg. Persistence Rate
2013-2014	Industrial Electronics	9/9	100%	73.61%
2012-2013	Industrial Electronics	2/4	50%	76.68%
2011-2012	Industrial Electronics	5/5	100%	88.14%

PERKINS IV Program Performance Trend Report
 Core Indicator Three – Persistence and Transfer
https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx

Core 4: Student Placement. The percent of Career Technical Education students who have earnings the following year (as found in the unemployment insurance base wage file) or are in an apprenticeship program, or the military.

Fiscal Year Planning	Program	Placements	IVC Placement Rate	State Avg. Placement Rate
2013-2014	Industrial Electronics	0	0	86.20%
2012-2013	Industrial Electronics	2/2	100%	84.38%
2011-2012	Industrial Electronics	0	0	67.01%

PERKINS IV Program Performance Trend Report
 Core Indicator Four – Employment
https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx

Pursuant to the FCMAT report, CTE programs are also being evaluated for student demand, certificate and program completion, local labor demand, and a facility utilization for CTE programs in the new CTE building.

VIII. Enrollment Trends

Course	Year	Sections	Avg. Class	CAP	Fill Rate
BLDC101	2012-2013	3	20	22	92.31%
BLDC101	2011-2012	3	17.6	19	91.38%
BLDC101	2010-2011	2	16.5	18	91.67%

Course	Year	Sections	Avg. Class	CAP	Fill Rate
ELTT101	2012-2013	2	20.5	20	102.50%
ELTT101	2011-2012	1	26	20	130%
ELTT101	2010-2011	2	11.5	20	57.50%

Course	Year	Sections	Avg. Class	CAP	Fill Rate
ELTT102	2012-2013				
ELTT102	2011-2012	1	22	20	110%
ELTT102	2010-2011	2	805	20	42.50%

Course	Year	Sections	Avg. Class	CAP	Fill Rate
ELTT103	2012-2013	1	20	20	100%
ELTT103	2011-2012	2	8	20	40%
ELTT103	2010-2011	2	6.5	20	32.50%

Course	Year	Sections	Avg. Class	CAP	Fill Rate
ELTT104	2012-2013	1	9	20	45%
ELTT104	2011-2012	2	16	20	40%
ELTT104	2010-2011	1	11	20	55%

IX. Completions

	2012-2013		2011-2012		2010-2011	
	Degrees	Certificates	Degrees	Certificates	Degrees	Certificates
Electrical Trades	0	3	0	0	0	0

X. FTES/FTEF Analysis

Year	FTES	FTEF	FTES/FTEF
2012-2013	14.6	0.6	24.33
2011-2012	15.12	2.2	6.87
2010-2011	n/a	n/a	n/a

XI. Facility Utilization Plan (to be completed by faculty)

XII. SWOT Analysis (to be completed by faculty)

<i>Strengths</i>	<i>Weaknesses</i>
<i>Opportunities</i>	<i>Threats</i>

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

XIV. Recommendation (to be completed by EWD office)