

LOW VOLTAGE SYSTEMS TECHNICIAN

DEGREES, CERTIFICATES AND AWARDS

Certificate of Achievement

DESCRIPTION

This Certificate provides opportunities for students interested in the installation in both residential and commercial settings, maintenance and repair of a broad spectrum of electronic-based equipment classified as low voltage. The Low Voltage Systems Technician (LVST) also installs remote monitoring systems in commercial applications and can retrofit current systems with remote monitoring technology. The LVST program uses the National Center for Construction Education Research (NCCER) curricula that includes competency-based assessments. NCCER is a national industry-recognized credential with the Department of Apprenticeship Standards.

PROGRAM LEARNING OUTCOMES

1. Understand and demonstrate the necessary skills to become employed in the alarm, telecommunications, and entertainment electronics industries.

CERTIFICATE OF ACHIEVEMENT PROGRAM

The **Certificate of Achievement** program is designed for students with personal or occupational goals who wish early employment. To qualify for the Certificate, a student must satisfy the following requirements: (1) complete all courses listed for a particular certificate.; (2) achieve a "C" average (2.0 GPA) for all courses used to complete the certificate; and, (3) file a Certificate Application form with Admissions and Records by the appropriate deadline(s) identified on the application.

CAREER OPPORTUNITIES

- Electrical and Electronic Engineering Technician
- Electronic Home Entertainment Equipment Installer and Repairer
- Home Automation Installer and Repair Technician
- Security and Fire Alarm Systems Installers
- Electrical Engineering Technologist
- Electrical Engineering Technician
- Electronics Engineering Technologist
- Access Control Systems Installations, Repair, and Programming
- CCTV Installation and Repair, Hardwire and Wireless
- Sound and Entertainment Home Systems, Installation and Repair
- Fiber Optics Installation and Repair Technician

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that IVC offers a full array of financial aid programs – grants, work study, scholarships, and fee waivers (we do not participate in the federal loan programs). These programs are available to both full and part time students who are seeking a degree or certificate. For those who qualify, financial aid is available to help with tuition, fees, books and supplies, food, housing, transportation, and childcare. Please log onto our website for additional information: www.imperial.edu/students/financial-aid-and-scholarships/

LOW VOLTAGE SYSTEMS TECHNICIAN

CERTIFICATE PROGRAM

LOW VOLTAGE SYSTEMS TECHNICIAN

Sixteen (16.0) units required for the certificate.

ALL COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

I. Required courses for the certificate.

BLDC	101	Safety Standards (Cal/OSHA) 30-Hour Card	3.0
EWIR	090	Low Voltage Systems	3.0
EWIR	092	Smart Home Instrumentation	3.0
EWIR	094	Wireless Telecommunications	3.0
EWIR	096	Fiber Optics	3.0
WE	220	Internship	1.0

Total Certificate Units **16.0**