Approved / Registered Programs

- ✓ Accounting / Bookkeeping
- ✓ Administrative Medical Technician
- ✓ Computer Programming
- ✓ Electronic Engineering Technician
- ✓ Microsoft Office Assistant
  (Computer Applications)
- ✓ Network Engineering
- ✓ PC Specialist / A+
- ✓ Web Development

Guaranteed Results

There is a lot of information out there that could take you years to gather on your own. In a short period of time, we'll give you the best and only the most relevant and valuable information to help you be the best you can be. We guarantee that upon completion of our courses, you will gain more knowledge, confidence as well as experience in the subject you studied that can be applied immediately to help you succeed.

State License

Knowledge Innovations Academy is a private institution approved to operate by the California Bureau for Private Postsecondary Education (BPPE). The institution is compliant with the minimum standards contained in the California Private Postsecondary Education Act (CEC) of 2009 and Division 7.5 of Title 5 of the California Code of Regulations. CEC is governed by the Bureau for Private Postsecondary Education. Information about the Bureau can be found at www.bppe.ca.gov.

Knowledge Innovations Academy is approved to accept participants from federal and state unemployment programs such as company tuition reimbursement, NOVA, TAA, Workers' Compensation, Workforce Innovation and Opportunity Act (WIOA) and Employment Development Department (EDD).
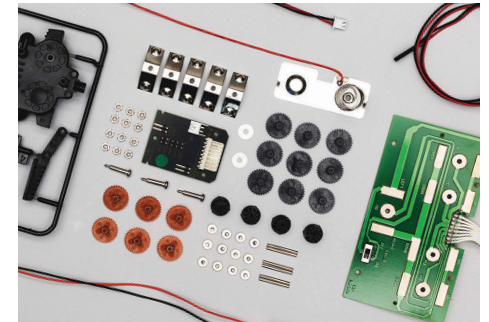
Contact Us

Tel: (408) 239-5520
Email: KIAinfo@acwp.org
www.KIAcademyUSA.org

Knowledge Innovations Academy

2268 Quimby Rd. # E, San Jose, CA 95122

ELECTRONIC ENGINEERING TECHNICIAN
PROGRAM

KNOWLEDGE INNOVATIONS academy

(408) 239-5520

(Au Lac Institute)

Program Objective

Upon completion of this EET program, students will understand basic Electronic components, DC/AC circuits and theorem, concepts, and fundamentals and operations of Electronic (Analog/Digital) circuits and devices. Students will also be able to do Electronic experiments, operate, test and take measurements with various equipment, as well as troubleshoot and repair Electronic PCBs and systems.

Career Opportunities

Electronics Technician, Electronics Engineering Assistant, ICT Troubleshooting Technician, Troubleshooting Technician, Equipment Maintenance Technician and Field Service Engineer.

Courses Offered
Computer Basics

Detailed presentation of microcomputer hardware and software and the Windows operating system and environment, create simple documents using word processing software, and how to effectively use the internet and write email.

We Welcome

Corporate Tuition - Reimbursement - Workers Compensation - California Training Benefits - ETP - CalWorks - Trade Adjustment Assistance (TAA) - Vocational Rehab

Assembly

Introduces students to assembly work including electronic component identification and handling, color code alphanumeric code, EIA code reading, Prep and PCB loading techniques, THT and SMT soldering and desoldering technique, and wiring and harnessing techniques.

Intro to EET and Math Review

Introduces students to the core EET program structure, history of electronics, the electronic technician professions and the electronics industry. Reviews Electronic math and how to use a scientific calculator.

Electronic Technician Part 1:
Analog

Introduces basic concepts theories, and fundamentals of Electric and Magnetic fields; Basic Electronic components and applications; and Analysis and solving DC and AC circuits using Electronic theorems and laws. Includes the study of various types of basic Analog circuits and devices.

Electronic Technician Part 2:
Digital

Students will learn about basic Digital circuits and systems; Introductions to Binary, Octal, Hexadecimal, Decimal number systems, Boolean expressions; principles of digital circuit operations and integrations including Integrated Circuit Logic Gates, Sequential Circuits (Flip-Flops, etc.), and various types of other Digital circuits and devices.

Electronic Technician Part 3:
Advanced Circuit Applications

Introduction to some complex Electronic circuits and systems (Linear and Switching, Communication circuits, etc.) Electronic Experiments, Electronic labs, CircuitMaker simulation software, and troubleshooting techniques.