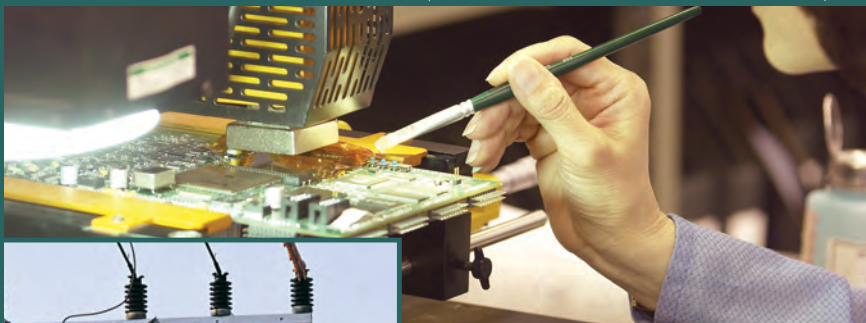


ELECTRICAL ENGINEERING TECHNICIAN





ELECTRICAL ENGINEERING TECHNICIAN

<http://www.fusiongrant.org/educational.php>

Description:

Electrical engineering technicians help design, develop, test, and manufacture electrical and electronic equipment such as communication equipment; radar, industrial, and medical monitoring or control devices; navigational equipment; and computers. They may work in product evaluation and testing, using measuring and diagnostic devices to adjust, test, and repair equipment.

Median Wage (as of 2005):

\$48,710

Level of Education:

A.A.S, on-the-job training or B.S.

Job Outlook (through 2014):

9-17% growth in numbers of jobs

Colleges & Universities:

Cornell University – Electrical Engineering

Morrisville State College (SUNY) – Electrical Engineering Technology

Rochester Institute of Technology (RIT) – Electrical Engineering Technology

Wayne Finger Lakes BOCES

Finger Lakes Community College (FLCC) – Engineering Science

Keuka College – Chemistry; Mathematics; Physics

Employers:

Manufacturing Firms – T & D Equipment; Gillette Corp.; Proctor & Gamble

Colleges & Universities – Nanobiotechnology Center (Cornell University), Infotonics Technology Center, Inc. (multiple universities); Rochester Institute of Technology (RIT)

Computer and Electrical Firms – RG&E; Dell computers; Apple Computers, Inc.; Coby Electronics Corp.

Federal and State Governments – U.S. Department of Energy; U.S. Department of Labor, U.S. Department of Homeland Security; etc.

High School/College Courses to Take:

Engineering, Mechanics

Electrical, Mechanical, Materials Engineering

Physics

Mathematics

Design courses, Art



Cornell University