

Admission Requirements

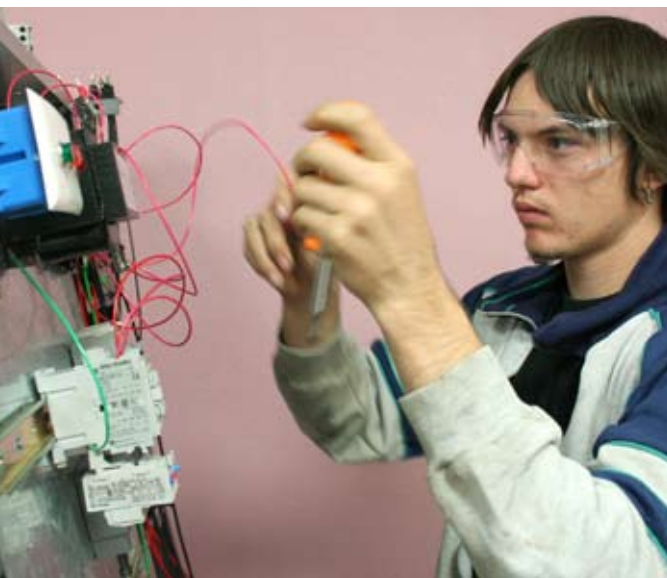
Students are admitted to Paris Junior College by furnishing a high school diploma, GED certificate, as a transfer student from another college or upon individual approval. Local placement testing is required for all new students. Students should refer to the current semester schedule or contact the Admissions Office at 903.782.0425 or 1.800.232.5804.

Financial Aid

Paris Junior College participates in all federal student aid programs with the exception of federal student loans. Students are encouraged to complete their financial aid applications in advance of enrollment. For more information, call 903.782.0429.

Student Housing

Paris Junior College offers modern residence halls for both men and women. Apartment-style housing is offered for married students. For more information, call 903.782.0402.



An AAS in two years

Paris Junior College offers an Associate of Applied Science degree in electronic technology. This two-year program is designed to prepare students to work in industry in several related areas. The student will study electricity, electronics, mathematics, schematic reading, digital electronics, microprocessor interfacing, integrated circuits, computer operations and programmable controllers. Instructional emphasis is also placed on understanding and troubleshooting various electronic systems.

Electronics Technology Paris Junior College

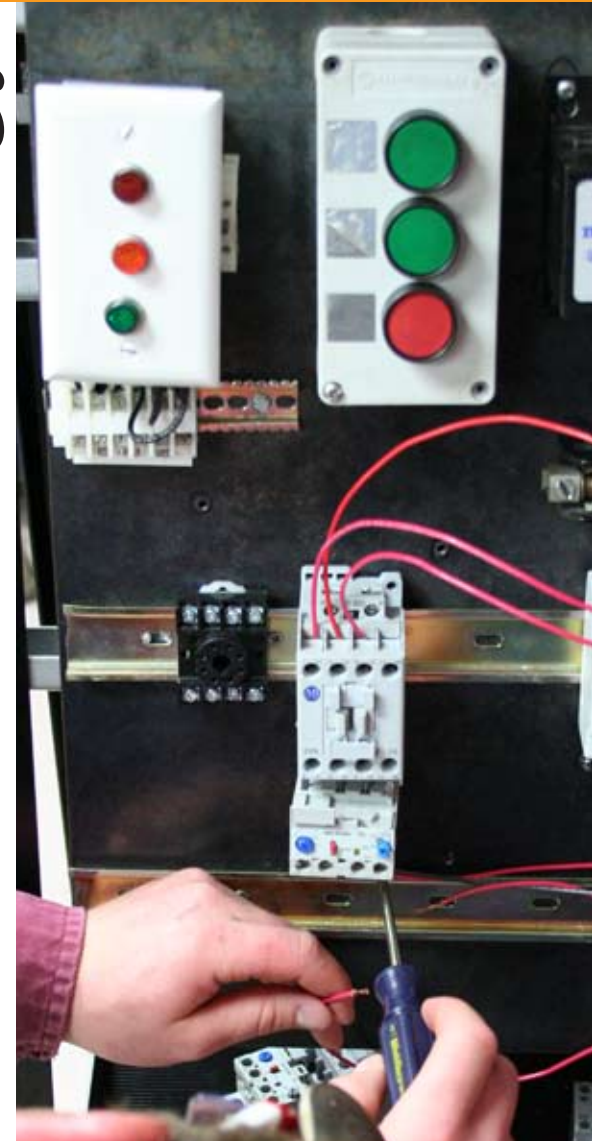
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Paris Junior College is an affirmative action and equal opportunity institution. All employees and applicants for admission or employment will be offered equal opportunity regardless of race, color, gender, religion, national origin, age or disability.

Electronics Technology



Become Skilled In Electronics: Employers Prefer To Hire Persons Who Have Completed One Or Two Years Of Formal Training Programs In Electronics.



Paris Junior College
Paris, Texas

The electronics industry needs employees

The electronics industry is always in need of well trained employees. Most employers prefer applicants with formal training in electronics, like the training students receive at Paris Junior College.

Electronic equipment repairers — also called service technicians or field service representatives — install, maintain and repair electronic equipment in offices, factories, homes, hospitals, on aircraft and in many other places. They work on televisions, radar, industrial equipment controls, computers, telephone systems and medical equipment.

Employment projections remain strong for the foreseeable future. The greatest need is for employees in industrial plants maintaining, installing and upgrading equipment. Local industry predicts a 25 percent rate of retirement over the next two to five years, leaving a major shortage of skilled personnel.

In 2005 these skilled jobs paid from \$15 to \$23 per hour in the Paris area, with some wages going as high as \$35. There are about 500 persons working in those skilled jobs locally. Graduates of the Electronics Technology Program at Paris Junior College will have the skills to enter this growing job market.



Core Courses

Circuit Analysis DC: An introductory course in circuit analysis to cover both resistive and time varying circuits. Topics include atomic theory, voltage sources, current, power, impedance, series and parallel circuits, network analysis and circuit theorems.

Circuit Analysis AC: Teaches elements of the AC circuit, with topics covering sine waves, complex numbers, capacitors, inductors, transformers, basic filters, resonance and AC circuit theorems.

Digital Electronics: Introduction to basic digital principles, binary numbers, basic Boolean algebra, flip-flops, gates, basic counter principles, logic circuitry and basic digital integrated circuits.

Introduction To Microprocessor: Includes programming, instruction sets, basic computer elements, numbering systems, computer arithmetic and basic interfacing concepts.

Solid State Electronics: A basic course of study in the theory and operation of electronic devices with emphasis on solid-state diodes and transistors. Topics include graphical and equivalent circuit analysis, basic power supplies, electronic regulators, basic transistor amplifiers, field-effect transistors, power amplifiers, oscillator and an introduction to linear integrated circuits.

Industrial Electronics: An introductory industrial electricity and control course which includes such topics as industrial symbols, starter circuits, industrial blueprint reading, blueprint drawing and methods used in troubleshooting industrial control circuits.

Linear Integrated Circuits: Introduction to the use of linear integrated circuits. Applications of differential amplifiers, operation amplifiers with feedback analog computer elements, constant current generators, oscillators, active filters and other advanced topics.

Electronic Design & Fabrication: A project course in which the student will design, fabricate, assemble and test some electronic device, circuit, unit or system of his or her choice on approval of the instructor.

