DON BOSCO TECH

MISSION OF DON BOSCO TECH

As a response to the teachings of Christ and inspired by St. John Bosco, Don Bosco Technical Institute is committed to serving the youth of Los Angeles with preference for the poor and needy.

Following in the Salesian tradition, Don Bosco Tech seeks to be a school, a church, a playground and a home for young people. It does this with a spirit that reflects the principals of Reason, Religion and Kindness which St. John Bosco demonstrated in his own work for young people.

The mission of Don Bosco Tech is to form a critical thinker who is technically proficient and academically capable. Don Bosco Tech develops people who are spiritually aware and value life–long learning, leadership, and service.

GOALS OF DON BOSCO TECH

Don Bosco Technical Institute seeks to develop in its students the virtues of honesty, integrity, responsibility, trust and loyalty and strives to foster in them a commitment toward religious and moral convictions.

Don Bosco Technical Institute will provide instruction in technology which is characterized by both breadth and depth.

Don Bosco Technical Institute will offer an academic curriculum which will enhance a student's opportunities to pursue additional education, provide a foundation for life–long learning and adaptability to change, and complement the technological programs.

Don Bosco Technical Institute will promote the personal, social and emotional growth of its students.

Don Bosco Technical Institute will strive to be of assistance to the industrial and business community by providing facilities, resources, and expertise for technical training and educational programs.

ACCREDITATION

Don Bosco Technical Institute is an independent, private, non-profit institution.

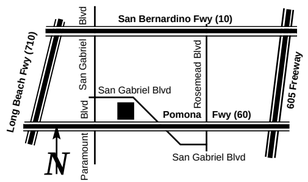
Don Bosco Technical Institute is accredited by the Western Association of Schools and Colleges. The high school is accredited by the Schools Commission; the college is accredited by the Accrediting Commission for Community and Junior Colleges.

Classified with: United States Department of Education as a two-year institution of higher education; California State Department of Education; Veterans Administration

A Member of: National Catholic Education Association; American Association of Community and Junior Colleges; American Association of Collegiate Registrars and Admissions Officers.

ADMISSIONS

For information, contact the Director of Admissions at: (626) 940-2011.



DON BOSCO TECHNICAL INSTITUTE
1151 San Gabriel Boulevard
Rosemead, California 91770
Phone: (626) 940-2000
Fax: (626) 940-2001
www.boscotech.edu

Electronics & Computer

DON BOSCO TECH
A SALESIAN EDUCATIONAL COMMUNITY

WHAT IS ELECTRONICS?

Electronics is the field of manipulating electrical currents and voltages using passive and active components connected together to create useful circuits. Electronic circuits range from a simple resistor to central-processing units (CPUs) that can contain more than a million transistors. It is also a $550 billion industry that is projected to increase 10 to 20 percent in employment, according to the U.S. Bureau of Labor Statistics.

No American's life is untouched by electronics and computer technology and their integration into every aspect of society and the economy. Desktop computers do the work of the last decade's mainframe. Chips and ICs control telephones, television sets, and spacecraft. Microwaves cook meals and are the vehicle for a million voice, data and video transmissions an instant.

WHO USES ELECTRONICS?

Everyone is using electronics right now! From the watches we wear to the cellular phones we talk on to when we listen to the radio in the morning all the way until we turn off the lights at night before we go to bed, electronics is prevalent in our daily lives. Kids use it to play their favorite video games while adults use it to help calculate their taxes. Musicians use it to record their music. Lawyers use it to schedule their cases. Doctors use it to monitor patients' heart rates. The military uses it to control missile-guidance systems. They are also widely used in the area of robotics. Without electronics, we would still be stuck in the dark ages.

WHAT DO WE OFFER?

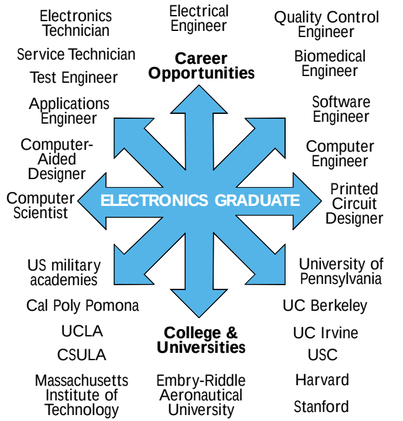
The curriculum in Electronics & Computer Technology is geared to prepare students for entry into an electrical/electronic engineering and technology program on the university or college level. The curriculum includes the following course offerings: DC & AC circuit theory, computer programming, solid state circuits, integrated circuits, digital circuits, electronic communications, and microprocessor applications.

Laboratory work offers extensive exposure to circuit construction, testing procedures, and operation of professional electronics equipment to prepare students as engineering technicians in industry. In addition, students are required to write technical reports that explain their projects and defend their results – ideal preparation for careers in research and development or other fields that demand precise data analysis.

OPPORTUNITIES IN ELECTRONICS

Graduates of the Electronics & Computer Technology program are working at some of the area's most successful companies, like IBM, Compaq/Hewlett-Packard, Raytheon, Boeing, Xerox, Lockheed Martin, Northrop Grumman, Jet Propulsion Laboratory, Southern California Edison, Beckman Instruments, and the Los Angeles Department of Water & Power.

Besides preparing students for college or careers in industry, the Electronics & Computer Department attempts to develop moral citizens who are aware of technology's impact upon society and who accept the ethical responsibilities which derive from that awareness.



For More Information, Contact:
Electronics & Computer Technology Department
Technology Department Chair.
Phone: (626) 940-2041