



LONG BEACH
CITY COLLEGE

THE TRADES ARE BACK
BECOME A VIKING!

www.LBCC.edu



DEBUNKING THE MYTH OF CAREER TECHNICAL EDUCATION

What is Career Technical Education?

Career Technical Education (CTE) provides students of all ages with the academic and technical skills, knowledge and training necessary to succeed in future careers and to become lifelong learners. CTE is filled with a variety of programs that make students career-ready once they complete their time at Long Beach City College. Some programs require as little as three classes. Some programs take two years. Many industries are looking for these highly-skilled graduates where labor demand is high.

Shouldn't I attend a 4-year College or University?

Students can pursue a degree or certificate program in CTE and still transfer to a university. Students can also earn industry certifications that will help them land entry-level positions that could pay the costs of pursuing a four-year degree.

Here are the positions you could enter after you complete a degree or certificate at LBCC. The jobs listed are both entry-level positions and advanced career opportunities that may require additional training/education.

Median annual wages from May 2017
(Source from U.S. Bureau of Labor Statistics, Occupational Employment Statistics)

CONSTRUCTION

Construction Manager: \$91,370
Other Management: \$88,720

CULINARY

Chef: \$45,950
Food Preparation Supervisor: \$33,400

ADVANCED TRANSPORTATION

Vehicle Equipment Mechanic: \$42,130
Automotive Service Technician: \$39,550

ELECTRICAL

Electrical Engineering Technician: \$63,660
Engineering Technician: \$55,810

FASHION

Fashion Designer: \$67,420
Design Worker: \$45,250

HEALTH AND NUTRITION

Health Diagnosing Practitioner: \$79,480
Dietitian: \$59,410

WELDING

Welder: \$40,240
Metal Worker: \$38,210

ATTENDING COMMUNITY COLLEGE ISN'T A SECOND CHOICE - IT'S THE SMART CHOICE!

Long Beach City College has a large number of Career Technical Education (CTE) courses that can lead you directly into the workforce after you complete a degree or certificate in two years or less. These courses are taught by LBCC's expert faculty who have years of experience within their affiliated industry.

WHY LBCC?

The average U.S. student loan borrower has approximately \$37,172 in loans. California residents pay only \$46/unit to take a class at LBCC. The savings of attending a community college is clear.

LBCC students enjoy smaller classes, expert faculty, and two campuses with state-of-the-art facilities.

Qualified Long Beach Unified School District students are also eligible for two tuition-free years if they enroll immediately after they graduate from high school.

Let Long Beach City College be your partner to accomplish your education goals!

HOW TO APPLY

It's easy to become a Viking!

- 1 Visit www.LBCC.edu
- 2 Click on "Apply Now"

NEED SOME HELP?

The Welcome Center at Long Beach City College is a great place to start on your journey to becoming a LBCC Viking! Whether you are a first-time student, returning student, or community member, the Welcome Center is a one-stop shop that provides you with general information and services to get you connected to the LBCC community.

Staffed by our team of counselors, peer mentors, and administrative staff, the Welcome Center aims to make your introduction to the college experience go as smoothly as possible.

The Welcome Center provides services such as:

- Answering general questions
- Enrollment assistance
- Help with educational planning
- Scheduling a campus tour for you

LBCC WELCOME CENTERS

Liberal Arts Campus, Building A
Pacific Coast Campus, Building AA
LAC: (562) 938-4049 PCC: (562) 938-3649

 For more information and business hours, visit www.LBCC.edu/Welcome-Center.

2019 FALL SEMESTER IMPORTANT DATES

AUGUST 26 – DECEMBER 14
(16-WEEK SESSION)

TODAY

Registration Ongoing
6 a.m. – 2 a.m. daily

AUGUST 13, 2019

Last day to pay online by 11:30 p.m.
Or in-person by 5 p.m.

AUGUST 14, 2019

No Registration

AUGUST 15, 2019

Registration Resumes
6 a.m. – 2 a.m. daily

AUGUST 26, 2019

Classes begin
(16-week and 8-week classes)
Permission Numbers required for classes that begin the week of August 26 must be used by the deadlines.

SEPTEMBER 23, 2019

Classes begin
(12-week classes)

OCTOBER 21, 2019

Classes begin
(8-week classes)

SEPTEMBER 2, 2019

Labor Day
No classes

SEPTEMBER 26, 2019

Flex Day
No classes

NOVEMBER 11, 2019

Veterans Day
No classes

NOVEMBER 28, 2019

Thanksgiving Day
No classes

DECEMBER 14, 2019

No classes



THE TRADES ARE BACK!

Long Beach City College is proud to announce seven new and revised Career Technical Education programs for the 2019 Fall Semester that will help you start a new career or help you advance in your current one.

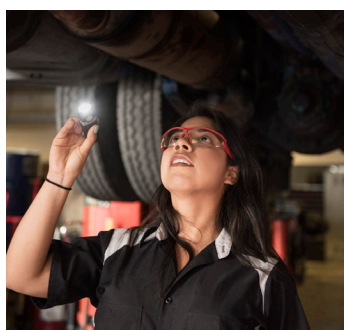


Advanced Manufacturing Technology – NEW PROGRAM

The Advanced Manufacturing Technology program prepares students for employment in the advanced manufacturing industry, including careers in aerospace, medical device industry, and automotive aftermarket. The program provides an understanding of the manufacturing industry's requirements for employment, and helps students to acquire entry-level job skills through lecture and hands-on experience. The program and instructors will be certified by the National Institute for Metalworking Skills (NIMS).

- **Associate of Science Degree:** Advanced Manufacturing Technology
- **Certificates of Achievement:** Advanced Manufacturing Technology, Advanced Manufacturing Technology Core Skills, Advanced Manufacturing and Design Technology

 www.LBCC.edu/program-advanced-manufacturing-technology



Advanced Transportation Technology – REVISED PROGRAM

The Advanced Transportation Technology program provides students with the knowledge and skills needed for today's technicians, service writers, and parts support specialists who want to enter a career in the growing field of Electric Vehicles, Hybrid Vehicles, and/or Alternative Fueled Vehicles. Students will learn the latest technology while working on vehicles ranging from passenger hybrid cars to heavy-duty Compressed Natural Gas engines.

- **Associate of Science Degree to be offered:** Advanced Transportation Technology
- **Certificates of Achievement:** Advanced Transportation Technology, Alternate Fuel Vehicles, Electric & Hybrid Vehicles

 www.LBCC.edu/program-advanced-transportation-technology



Automotive Technology – NEW PROGRAM

LBCC's classes provide students with a strong background in automotive technology, hands-on experience, and an understanding of the automotive industry's requirements for employment. LBCC prepares students for entry-level automotive positions and teaches skills in introductory general automotive repair, engine repair, electrical system repair, and automotive light diesel technology. In addition, LBCC Automotive Classes offer automotive industry certifications NC3/ Snap-On Tools and prepare students to pass the ASE Certification Exam.

- **Associate of Science Degree:** Automotive Technology
- **Certificates of Achievement:** Automotive Technology, Automotive Service, Automotive Engine and Transmission Service, Automotive Engine Performance Service
- **Certificate of Accomplishment:** Automotive Quick Service

🌐 www.LBCC.edu/program-automotive-technology

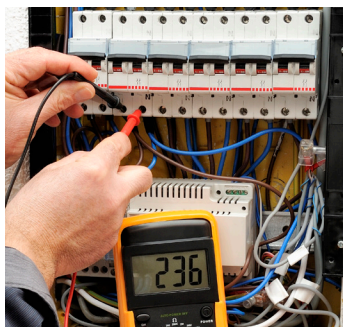


Construction Technology – NEW PROGRAM

The Construction Technology program has courses that can be divided into three major areas of emphasis: Residential Trades, Home Remodeling and Pre-apprenticeship. Knowing that a vast diversity of occupations exist within the construction industry and recognizing that individual student needs are diverse, a Certificate of Achievement can be designed that satisfies those specific needs. Attainment of the Certificate of Completion satisfies the major requirement for the Associates in Science degree in Construction Technology.

- **Associate of Science Degree:** Construction Technology
- **Certificates of Achievement:** Construction Technology, Home Remodeling
- **Certificate of Accomplishment:** Construction Pre-Apprenticeship

🌐 www.LBCC.edu/program-construction-technology



Electrical Technology – NEW PROGRAM

Long Beach City College prepares students for entry-level employment in numerous electrical and electrically related trades. Upon completion of the Electrical Technology program, the student will be able to install, maintain, and repair electrical equipment and systems in a safe and workman-like manner.

- **Associate of Science Degree:** Electrical Technology
- **Certificates of Achievement:** Electrical Technology, Electrical Apprenticeship Preparation, Automation Technician, CISCO Certified Network Installation Associate, General Industrial Electrician, NETA High V

🌐 www.LBCC.edu/program-electrical-technology



Engineering Technology – NEW PROGRAM

The Engineering Technology program provides students with an understanding of the industrial and engineering technology industry's requirements for employment, and helps them to acquire entry-level job skills through lecture and hands-on experience. Students will gain a fundamental knowledge of the engineering technology field, engineering design, principles of engineering technology, digital electronics technology and computer integrated manufacturing.

- **Associate of Science Degree:** Engineering Technology
- **Certificates of Achievement:** Engineering Technology, Engineering Automation Technology

🌐 www.LBCC.edu/program-engineering-technology



Welding Technology – NEW PROGRAM

The Welding Technology program provides the necessary technical skills, knowledge, and attitude to prepare students for their desired career and to provide advanced training in a variety of occupations in the welding and metal fabrication industry.

- **Associate of Science Degree:** Welding Technology
- **Certificate of Achievement:** Welding Technology

🌐 www.LBCC.edu/program-welding



CLOUD COMPUTING/ CYBER SECURITY

TECH WORKERS NEEDED FOR CYBER SECURITY AND CLOUD COMPUTING JOBS!
LBCC can help you enter one of these high-demand careers.

New Program – Cloud Computing

Amazon and LBCC want to train you in Cloud Computing!

The demand is staggering for qualified cloud computing professionals. As old information technology platforms are being phased out and more companies are relying on cloud computing, the demand is high for skilled workers who know how to work with this new technology.

Cloud computing allows for the storage, management, and processing of data using internet technologies (“the cloud”).

Amazon Web Services, the largest provider of cloud computing, has developed a whole new system that is taking the computer world by storm. Long Beach City College and Amazon have teamed up to provide training that will teach you how to set up cloud computers and cloud networks.

The median salary for cloud computing professionals in 2018 was well over **\$100,000**.

GET HIRED IN THE FASTEST-GROWING CAREER FIELD – CYBER SECURITY
LBCC is a National Center of Academic Excellence in Cyber Defense Education.



Computer security continues to be one of the most critical areas in technology jobs. Long Beach City College is a National Center of Academic Excellence in Cyber Defense Education (CAE2Y) by the National Security Agency (NSA). LBCC is only the third California Community College to receive this designation.

It's anticipated that there will be 3.5 million unfilled cyber security jobs by 2021 and LBCC is well-positioned

as the best place for students to help fill this labor gap in the next three years. Certain cyber-defense positions within the government require a certificate from a National Center of Academic Excellence in Cyber Defense Education. LBCC students will now be eligible for these well-paying jobs and be part of the team defending the government and other institutions from cyber-attacks.

According to the Department of Labor, information security analysts' median pay in 2018 was **\$98,350**. This certificate is your step towards that job!

INTERESTED IN CLOUD COMPUTING OR CYBER SECURITY?

Cloud Computing: John Craig (562) 938-4476 jcraig@LBCC.edu

Cyber Security: Garrett Whelan (562) 938-3244 gwhelan@LBCC.edu

LBCC OFFERS A WIDE RANGE OF CAREER TECHNICAL EDUCATION DEGREES AND CERTIFICATES INCLUDING:

- Administration of Justice ●■◆
- Advanced Manufacturing Technology ★◆
- Advanced Transportation Technology ★◆
- Alcohol and Drug Studies ■◆
- Architectural Design ★◆
- Automotive Technology ★◆
- Baking & Pastry Arts ★◆
- Business Administration ●■◆
- Computer Science ★◆
- Computer Security & Networking ★◆
- Computer Technology ★◆
- Construction Technology ★◆
- Culinary Arts ★◆
- Drafting ★◆
- Early Childhood Education ●■◆
- Electrical Technology ★◆
- Elementary Teacher Education ●
- Engineering Technology ★◆
- Family & Consumer Studies ■◆
- Fashion Design ■◆
- Film, Television & Electronic Media ●
- Fire Science ★◆
- Floral Design ■◆
- Horticulture ★◆
- Human Services ■◆
- Journalism ●■◆
- Library Technician ★◆
- Metal Fabrication Technology ★◆
- Nutrition & Dietetics ●■◆
- Public Health Science ●
- Radio/Television ■◆
- Theatre Arts ●■◆
- Vocational Nursing (VN) ★◆
- Web Development ★◆
- Welding Technology ★◆

● Associate Degree for Transfer

■ Associate of Arts Degree

★ Associate of Science Degree

◆ Certificate

EARN AN ASSOCIATE DEGREE AND TRANSFER TO A UNIVERSITY

An Associate Degree for Transfer (ADT) is a special degree offered at LBCC that gives students the opportunity to save time and money by:

1. Earning an associate degree AND
2. Guaranteeing a saved spot within the California State University system. This degree also makes it easier for LBCC students to transfer to an UC, Historically Black Colleges or Universities (HBCU), and other California colleges participating in the ADT program.

LBCC Associate Degrees for Transfer in CTE:

- Administration of Justice
- Business Administration
- Early Childhood Education
- Elementary Teacher Education
- Film, Television & Electronic Media
- Journalism
- Nutrition and Dietetics
- Public Health Service
- Theatre Arts

HIGH SCHOOL STUDENTS: GET A COLLEGE JUMP START FOR FREE!

High school students in grades 9 – 12 can dual enroll at LBCC for FREE. Students can explore a variety of courses, programs, and certificates at LBCC while still attending high school. Get an early start on earning college credit!

By taking LBCC classes, you can:

- Earn college credit and get ahead
- Earn high school credit (if approved by your high school)
- Complete certificate and/or major requirements
- Receive FREE tuition!

For more information on dual enrollment, visit www.LBCC.edu/DualEnrollment or call (562) 938-4485.



Liberal Arts Campus (LAC)

4901 East Carson Street
Long Beach, CA 90808

Pacific Coast Campus (PCC)

1305 East Pacific Coast Highway
Long Beach, CA 90806

www.LBCC.edu

f @lbcitycollege

NON-PROFIT ORG.
U.S. POSTAGE
PAID
Long Beach, CA
PERMIT 204

*****ECRWSEDDM*****
POSTAL CUSTOMER

**Ready to start
your CTE classes?**

Contact (562) 938-4380
or CTE@LBCC.edu
with questions.

TWO YEARS FREE

LBUSD students
can receive two
tuition-free years
at LBCC.

FALL SEMESTER RUNS
AUGUST 26–DECEMBER 14



REGISTER TODAY

LBCC.EDU