

PROGRAM APPROVAL APPLICATION
NEW or SUBSTANTIAL CHANGE or LOCALLY APPROVED
(This application may not exceed 3 pages)

Fill In Form

Construction Technology

Fall 2017

Proposed Program Title

Projected Program Start Date

Long Beach City College

Long Beach Community College District

College

District

Contact Information

Mollie Smith

Dean, CTE

Voting Member

Title

562-938-3057

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Phone Number

Email

Goal(s) of Program (Check all that apply):

- Career Technical Education (CTE) Transfer Other

Type of Program (Check all that apply):

- Certificate of Achievement 12-17 (or 17-27 quarter) units Certificate of Achievement 18+ semester (or 27+ quarter) units
 Associate of Science Degree Associate of Arts Degree

Reason for Approval Request (Check One):

- New Program Substantial Change Locally Approved

Program Information

46-0415 Recommended [Taxonomy of Program \(TOP\) Code](#)

Units for Major-Degree

Total Units for Degree

17 Required Units-Certificate

Written Form

1. Insert the description of the program as it will appear in the catalog. (See PCAH pp. 142 and 170)

Students are prepared for entry-level employment in the Construction Industry and for entrance into registered apprenticeship programs in the building and construction trades. The Construction Technology courses prepares a student with a solid entry level foundational set of skills and knowledge that is applicable across all skilled trades. Entry level apprenticeship in trades such as electrician, carpenter, sheet metal worker, plumber, sprinkler fitter, cement mason and other building and construction trades.

2. Provide a brief rationale for the program.

A shift in the nation's economy has resulted in job growth opportunities and the need of technical and industry-educated graduates are in high demand in the progressively changing construction industry. In 2014, there were 9 program completions and 414 job openings. LBCC has an informal agreement with the Electrician's Union that completers will automatically move to the second semester of the apprenticeship program.

3. Summarize the Labor Market Information (LMI) and employment outlook (including citation for the source of the data) for students exiting the program. (See PCAH pp. 85-88, 136, 147, 148, 165, 168, and 176)

In 2016, there were 9, 736 unique job postings that reflects 4% increase from 2015-16. The median salary is \$28.33/hour.

Carpenter positions are forecasted to increase by 559 openings through 2020 with a median hourly rate of \$17.71 per hour. There are 4 colleges in the Los Angeles County region with 236 completions in 2014-15, indicating a regional need for a construction technology program.

Reference:
 EMSI Q2 2016 Data Set
 California Labor Market Information Department

4. List similar programs at other colleges in the Los Angeles and Orange County Region which may be adversely impacted. (There is space for 10 listings, if you need more, please contact laocrc@sccollege.edu)

Notice of Intent was emailed on 3/17/16

College	Program	Who You Contacted	Outcome of Contact
Coastline CC	Construction Inspection	Jones, Nancy	No comment
El Camino	Construction Technology	Rapp, Virginia	No comment
Fullerton	Construction Technology	Benoit, Douglas	No comment
LA Trade	Carpentry & Construction Tech	Wilson Marcia	No comment
LA Valley	Construction Management	Nalepa, Laurie	No comment
Mt. SAC	Construction Inspection	Blake-Judd, Jemma	No comment
Orange Coast	Construction Technology	Coleman, Susan	No comment
Pasadena	Construction Technology	Davila, Salomon	No comment
Saddleback	Construction Inspection	Teng, Anthony	No comment
Santiago Canyon	Construction Technology	Lawson, Von	No comment

5. List all courses required for program completion, including core requirements, restricted electives and prerequisites. (There is space for 20 listings, if you need more, please contact laocrc.sccollege.edu). (See PCAH pp. 143 and 171)

Courses	Course Number	Course Title	Units
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Required	ELECT 253	OSHA for Construction Safety	2
Required	CONST 210	Construction Technology Lab	4
Required	CONST 201A	Mathematics for the Trades	3
Required	CONST 207	Blueprint reading for the Construction Trades	3
Required	CONST 208	Apprenticeship Exam Preparation	1
Required	CONST 206	Workplace Competency Skills	3
Required	FORK 801	Forklift	1

6. Include any other information you would like to share.

NOI: April 2016

Packet mailed: 8/9/2016