CALIFORNIA COMMUNITY COLLEGES
LAOC|RC
los angeles | orange county | regional consortia

www.laocrc.org
714.480.7564
laocrc@rsccd.edu

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

Fill In Form

Computer Technician Apprentice Certificate
Proposed Program Title

FALL 2017
Projected Program Start Date

FULLERTON COLLEGE
College

North Orange County Community College District
District

Contact Information

DR. DOUGLAS BENOIT
Voting Member

Dean, Business and CIS Division
Title

714-992-7033
Phone Number

dbenoit@fullcoll.edu
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

0702.00	Recommended Taxonomy of Program (TOP) Code
	Units for Major-Degree
	Total Units for Degree
13	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)**

   The Computer Technician Apprentice Certificate (level one) is designed to provide students with the fundamentals of operating systems, networks and the certification process. The program will prepare students who intend to pursue employment in entry-level network administration or computer technical support positions. This certificate requires 13 units of required courses. A minimum grade of C is required in each course taken.

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2. **Provide a brief rationale for the program.**

New program based on state initiative to help improve jobs for information workers. This is the first part of a stackable certificate to encourage students to continue learning.

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)**

		2014 Jobs	2017 Jobs	2014-17 Change	% Change 2014-17	Openings (New + Replacements)	Annual Openings	10% Hourly Earnings	Median Hourly Earnings
15-1151	Computer User Support Specialists	68,615	75,654	7,039	10.30%	10,556	3,522	$16.52	$27.19
15-1152	Computer Network Support Specialists	20,971	22,308	1,338	6.40%	2,391	797	$22.08	$42.56

The three-year average supply from regional colleges is 135 per year.
Regional annual openings for the two SOC codes listed are 1000 indicating a gap of 865 hires.
Source: http://coeccc.net/supply-demand/ For Orange County

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@rsccd.edu)**

College	Program	Who You Contacted	Outcome of Contact
Cerritos College	Business CIS	Nick Real	
Citrus College	System Administration Cert	Jim Lancaster	
Coastline Community College	Systems Administration Cert	Nancy Jones	
East Los Angeles College	Office Systems Specialist	Christopher Whiteside	
El Caminio College	Systems Administration Cert	Virginia Rapp	
Irvine Valley College	Systems Administration Cert	Corine Doughty	
Los Angeles City College	Computer Operator Cert	Alex Davis	
Orange Coast College	CIS	Lisa Knuppel	
Rio Hondo College	Systems Adminstration	Bruce Nobel	

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@rsccd.edu). (See PCAH pp. 143 and 171)**

Required Courses (13 units)   **Units**

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CIS 107 F	Introduction to Operating Systems	3
CIS 180 F	Introduction to Networking Concepts	4
CIS 181 F	Computer Certification Preparation	3
CIS 281 F	Introduction to Networking Hardware	3
	Total Units	**13**

6. Include any other information you would like to share