

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

Fill In Form

Computer Technician Analyst Certificate

Proposed Program Title

FULLERTON COLLEGE

College

FALL 2017

Projected Program Start Date

North Orange County Community College District

District

Contact Information

DR. DOUGLAS BENOIT

Voting Member

714-992-7033

Phone Number

Dean, Business and CIS Division

Title

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

22 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 Analyst Certificate (level two) is designed for students who intend to pursue employment in network administration or computer technical support positions. This certificate option requires completion of the Computer Technician Apprentice Certificate and additionally provides advanced courses in Windows server, Linux/unix, and windows active directory. This certificate requires 22 units of required courses. A minimum grade of C is required in each course taken.

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://coecc.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@rscdd.edu)

College	Program	Who You Contacted	Outcome of Contact
Cerritos College	Business CIS	Nick Real	No response.
Citrus College	System Administration Cert	Jim Lancaster	No response.
Coastline Community College	Systems Administration Cert	Nancy Jones	No response.
East Los Angeles College	Office Systems Specialist	Christopher Whiteside	No response.
El Camino College	Systems Administration Cert	Virginia Rapp	No response.
Irvine Valley College	Systems Administration Cert	Corine Doughty	No response.
Los Angeles City College	Computer Operator Cert	Alex Davis	No response.
Orange Coast College	CIS	Lisa Knuppel	No response.
Rio Hondo College	Systems Administration	Bruce Nobel	No response.

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@rscdd.edu). (See PCAH pp. 143 and 171)

Required Courses (13 units) from Level One (Apprentice) Units

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

Required Courses (9 units) Units

CIS 285 F	Windows Server	3
CIS 289 F	Windows Active Directory	3
CIS 290 F	Linux / UNIX Operating System	3

Total Units 22

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