

Final Report Program Information by TOP Code

District/College: CERRITOS CCD/CERRITOS COLLEGE
Program Title: Software Applications

Agreement No.: 17-C01-006
TOP Code: 070210

Briefly describe the program improvement issue(s) concerning this TOP code. Most core indicators are N/A or N/R for this Top Code. The department needs to address difficulties in learning mobile application development and the creation and editing of web pages. The department needs to modify existing classes to use NetLab simulation software. In addition, the department needs to make our ALC (Advanced Learning Classroom) functional. There were insufficient funds available to complete this classroom in the new MCIS building the department moved into over winter 2016 break. Students have expressed an interest in A+ classes for exposure to Apple Macintosh software/hardware. Currently we do not have any macs available for these classes to study and experiment on.			
Briefly describe how the issue(s) will be addressed. The department has acquired 20 tablets (a mix of nVidia K1 Shield and Google Pixel C). The department will acquire additional Android tablets with different screen resolutions to facilitate development for multiple screen resolutions. A new web development client-side application development certificate/degree will provide opportunities for students to take a range of web development classes. The department will have to determine the best times to schedule these classes. We are ordering HDMI switches and cables and digital displays to provide limited functionality for our ALC. We have put forth a budget item as part of our program review to pay for software and hardware to make the ALC a professional teaching and learning environment. The department has ordered additional notebook computers to provide enough devices for 30 active users. The department will research the use of interactive whiteboards to facilitate instruction and student team activities. The department would like to order new Macintosh computers and make existing macs in one of our labs available for use in our A+ classes. The use of NetLab will be extended from Cybersecurity classes to A+ and computer networking classes.			
Final Report Summary:			
1. Was the program improvement issue(s) addressed and/or planned objectives met (Narratives limited to 1000 characters)? If the response in Section 1 is No or Partially describe the barriers and/or lessons learned in Section 2. If the response in Section 1 is Yes or Partially describe the accomplishment and/or effective practices derived from the project in Section 3			
Select <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partially			
2. Describe any barriers encountered and lessons learned (Narratives limited to 1000 characters).			
3. Describe accomplishments/best practices derived from the project (Narratives limited to 1000 characters).			
MCIS 206, our Advanced Learning Classroom (ALC) is still not ready to be used as intended. New tables have been ordered. Hopefully the room can be made fully operational in the 2018-2019 school year. The department needs to determine how best to offer our JavaScript courses. This course usually has to be cancelled due to low enrollment. New Macintosh computers in MCIS 204 caused the department to buy new cables to use with these systems. The newest Mac computers have replaced the mini DisplayPort ports with Thunderbolt-3 ports. The department created a new Client-Side Web Page Development certificate and a new degree. 4-Macintosh computers have been provided to the the A+ program. These systems will give students the ability to familiarize themselves with the Macintosh operating system. They will also give stuents an opportunity to open the systems up and inspect/repair/replace components in the system. Macintosh computers in MCIS 204 were replaced with new Macintosh systems.			
Requirement for Uses of Funds	MET	UNMET	NOW MET
1. Strengthening the academic, and career and technical skills of students participating in CTE programs through the integration of academics with CTE programs. [§135(b)(1)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Link CTE at the secondary and the postsecondary levels, including by offering elements of not less than one program of study described in §122(c)(1)(A). [§135(b)(2)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Provide students with strong experience in and understanding of all aspects of an industry, which may include work-based learning experiences. [§135(b)(3)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Develop, improve, or expand the use of technology in CTE, which may include training to use technology, providing students with the skills needed to enter technology fields, and encouraging schools to collaborate with technology industries to offer internships and mentoring programs. [§135(b)(4)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Provide in-service and pre-service professional development programs to faculty, administrators, and career guidance and academic counselors involved in integrated CTE programs, on topics including effective integration of academics and CTE, effective teaching skills based on research, effective practices to improve parental and community involvement, effective use of scientifically based research and data to improve instruction. Professional development should also ensure that faculty and personnel stay current with all aspects of an industry; involve internship programs that provide relevant business experience; and train faculty in the effective use and application of technology. [§135(b)(5)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Develop and implement evaluations of the CTE programs carried out with Perkins I-C funds, including an assessment of how the needs of special populations are being met. [§135(b)(6)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Initiate, improve, expand and modernize quality CTE programs, including relevant technology. [§135(b)(7)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Provide services and activities that are of sufficient size, scope and quality to be effective. [§135(b)(8)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Provide activities to prepare special populations, including single parents and displaced homemakers enrolled in CTE programs, for high-skill, high-wage or high-demand occupations that will lead to self-sufficiency. [§135(b)(9)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Describe specific future activity(ies) intended to address the remaining unmet requirement(s) (Narratives limited to 4000 characters):			
Final Report of Expenditure by TOP Code: \$3,515			
<input checked="" type="checkbox"/> Professional Dev. (including stipends)	<input checked="" type="checkbox"/> Instructional Materials Purchase/Replacement (including software)		
<input checked="" type="checkbox"/> Instructional Equipment Purchase/Replacement	<input type="checkbox"/> Project Administration		
<input type="checkbox"/> Facility rental/lease (off-campus location)	<input type="checkbox"/> Programs/Services for Special Populations		
<input type="checkbox"/> Curriculum Development	<input checked="" type="checkbox"/> Consultants or Other Contracted Services		