

Final Report Program Information by TOP Code

District/College: CERRITOS CCD/CERRITOS COLLEGE
Program Title: Computer Networking

Agreement No.: 17-C01-006
TOP Code: 070810

Briefly describe the program improvement issue(s) concerning this TOP code.
Core indicator 2 (Completions) is down significantly. Core indicators: 3 (persistence and transfer), 4 (employment), and 5a (nontraditional participation) also show small declines. There is a great need to focus on student success and completions. The department is planning to participate in a new dual-enrollment program and in the development of a new Information Technology Pathway. The department should extend the use of NetLab to the Cisco networking courses.

Briefly describe how the issue(s) will be addressed.
The department needs to resolve heating/cooling challenges in the CIS server room in the new MCIS building. All requirements for the room were not met when CIS moved into the MCIS building and started using the new server room. Current problems include equipment overheating and insufficient circulation of air. This problem affects the use of the new NetLab servers. A dual-enrollment program for A+ students has been created with Norwalk High School. The department is currently engaged in the development of a new Information Technology Pathway. Newer equipment needs to be ordered to provide a competitive environment and to meet the requirements of the Cisco Network program which provides curriculum which is used in our courses and reduced pricing on networking hardware and software. This program will also be enhanced by completing the work which needs to be done to make the ALC (Advanced Learning Classroom) a flexible and professional learning environment for teaching and learning. The use of the NetLab software will improve students persistence and transfer and provide the skills needed for better employment opportunities.

Final Report Summary:
1. Was the program improvement issues(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 Yes No 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).
The CIS department worked on an IT Pathway with Norwalk High School. There were not sufficient qualified students available to justify the pathway. The department will try to broaden the pathway to include other local high schools. Additional work needs to be completed in classroom MCIS 206 which is our Advanced Learning Classroom (ALC) to extend its functionality. A new HVAC system was installed by the District on the roof of the MCIS building to resolve heating/cooling issues in the A+/CISCO server room. New equipment was ordered to replace systems in classroom MCIS 205.

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: \$3,717

<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
<input type="checkbox"/> Program Marketing and Outreach	<input checked="" type="checkbox"/> Other(specify) <u>CTE Coordinator assist in ad</u>