

**Final Report Program Information by TOP Code**

District/College: CERRITOS CCD/CERRITOS COLLEGE  
 Program Title: Computer Systems Analysis

Agreement No.: 17-C01-006  
 TOP Code: 070730

Briefly describe the program improvement issue(s) concerning this TOP code.  
 All core indicators are N/A or N/R. The department needs to market its Systems Analysis courses and survey students about times and formats for the courses. The department needs to continue to investigate including more Systems Analysis courses into new pathways. The department needs to make our new ALC (Advanced Learning Classroom) fully functional. Systems Analysis often involves the use of team activities. The ALC should be an ideal classroom for team activities the the offering of "flipped" classes

Briefly describe how the issue(s) will be addressed.  
 The Systems Analysis Certificate of Achievement and AA degree has been updated and approved. The department needs to continue looking for ways to tie Systems Analysis into an IT Pathway and additional Information Technology courses in general. 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. We will purchase interactive whiteboards to further enable team activities in the ALC and provide enrichment activities for students in Systems Analysis classes.

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).  
 Our Advanced Learning Classroom (ALC) in room MCIS 206 is still not fully functional. We are making progress but it is slow. This classroom once fully functional will be ideal for Systems Analysis classes because it is designed to allow students to work in teams. The classroom will help other classes that are scheduled in it by allowing "flipped" classes with an emphasis on instruction on the lab component of the class.

3. Describe accomplishments/best practices derived from the project (Narratives limited to 1000 characters).  
 Our Systems Analysis courses would benefit by providing more sections using a traditional instruction format rather than as online sections. students need to be able to work together in team settings. This is hard to accomplish effectively in an online section.

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: \$4,034

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