

Final Report Program Information by TOP Code

District/College: CERRITOS CCD/CERRITOS COLLEGE
Program Title: Pharmacy Technician

Agreement No.: 17-C01-006
TOP Code: 122100

Briefly describe the program improvement issue(s) concerning this TOP code.
•Core Indicators are below the state-negotiated levels in Core Indicator 2 – “Completions” and Core Indicator 3 – “Persistence and Transfer.” Overall the Department Core indicators from 2015-16 show 13 below negotiated levels, with only six areas below negotiated levels in 2016-17, and seven areas below negotiated levels for this year. •Core indicators indicate that the program needs to focus on Persistence and Transfer. However, we offer a terminal degree, our students rarely transfer. There is no CSU or UC Bachelor’s Degree program in Pharmacy. Since this is true, activities will continue to stress Persistence especially for single parent, non-traditional, and economically disadvantaged students. •Core indicators for Persistence and transfer, while still below negotiated targets, are improved for single parent and economically disadvantaged participants. •The issue for the program in past years has been Employment, especially employment of non-traditional and single parent students. This year and last year the program is well above all negotiated targets for employment.

Briefly describe how the issue(s) will be addressed.
•The department will continue to (1) gather region-wide effective strategies/practices on improving retention, completion and nontraditional recruitment in pharmacy technology, (2) continue to work with Research and Development to improve its data collection methods, and (3) recruit and implement strategies to retain non-traditional students. •The Department currently participates in college-sponsored recruitment activities for non-traditional and other underrepresented student populations: Senior Preview Day, meetings with students from local high schools, and by teaching students taking Health Occupations 100: Health of Underserved Communities. •The Department has already implemented the following: Collaboration with (1) Cerritos Adult Education programs and (2) Southeast ROP programs to target non-traditional and economically disadvantaged students. Articulation agreements have been signed and plans are also in place to enroll student who have completed ROP classes in pharmacy technology. •Perkins funds will continue to be used for supplies, marketing, faculty professional development, and to replace outdated equipment with current industry standards. This should increase core indicators over time. •The College will continue to determine student barriers for enrollment in a non- traditional career field and overcome those barriers by presenting both a non- traditional career event for both female and males to allow students career exploration and to meet CTE Faculty •We will continue to encourage student to seek additional CTE services including Career Services, Adult Educations and other services available on campus. •As part of the College’s Academic Affairs Strategic Plan, printed materials have been made available which specifically target recruitment of economically disadvantaged, non-traditional, and single parent students. (Road Maps)

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).
• Classes were implemented for high school students in the Bellflower HS District. Students attend class at the HS and at Cerritos College. • A new tutorial class added to the 2016-17 schedule, was expanded in 2017-19 and allows more open lab time for students in all lab sections. • New and large equipment was purchased this year for lab classes. • The department website update was completed. • Online surveys for graduates, clinical sites, and employers have been sent are we are awaiting feedback. • The Division and Department continue to participate in efforts to recruit non- traditional students on campus. • The Division and Department continue to outreach to and meet with representatives from local high schools, adult schools, and community colleges to assist in articulating courses to Cerritos College. • Faculty members have been asked to speak before the CA Board of Pharmacy, the LA County Strong Workforce group, and national advocacy groups for pharmacy technicians.

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: \$17,295

<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