

# Instructional Units Program Review Year Five Update - Process Technology Department Latest Version

This cycle is for Instructional Units to complete the Year Five Update of the Program Review Cycle.

## Instructional Units Program Review Year Five Update

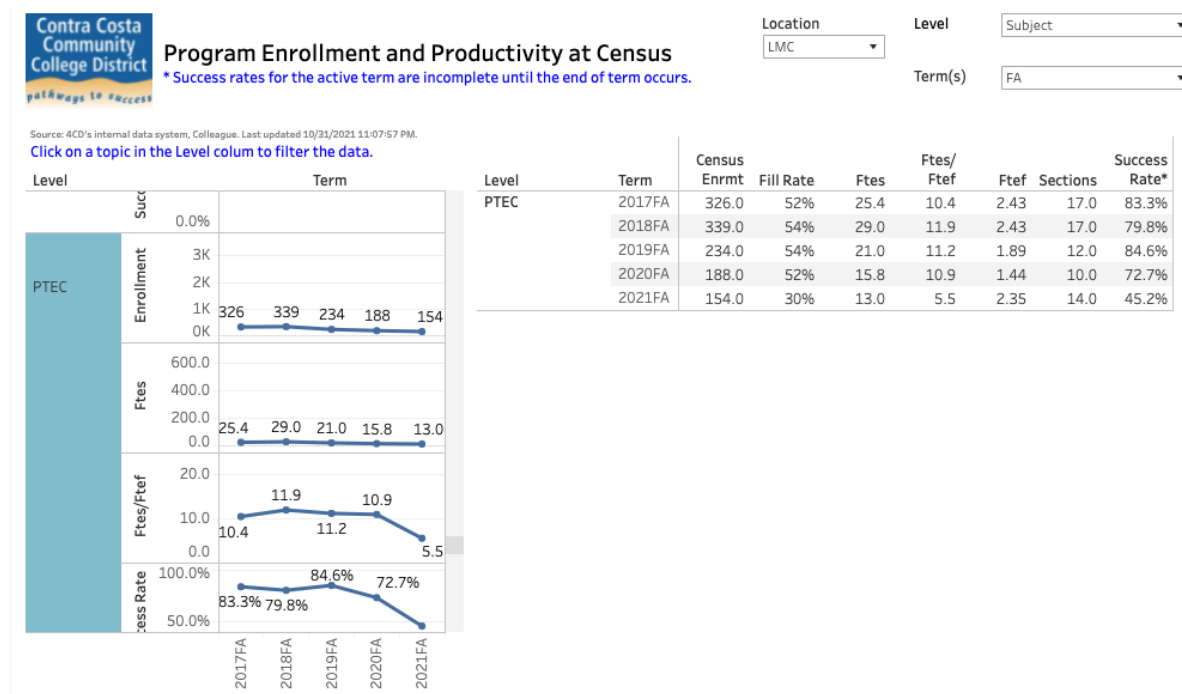
### 1. Program Update : Version by Franco, Dennis on 02/14/2022 20:02

1a. Provide any important changes or updates within your program since your Program Review Year Three Update (2019-20). (New degrees, new curriculum, staffing changes, etc.)

No Value

1b. Please address the following enrollment data provided for your program.

1.b.1. What are the enrollment trends over the past 3 years, beginning with Fall 2018? (Please address census enrollment, census fill rate, and productivity (FTES/FTEF))



1b. Please address the following enrollment data provided for your program.

1.b.2. What does the data suggest in terms of future needs/directions?

No Value

1c. Provide a brief update on the timeline for your program's goals as listed in your Program Review Year Three Update (2019-2020). If your program's goals are in progress or modified, please include action steps and responsible parties in your explanation.

Goals	Completed/ Abandoned/ In Progress/ Modified	Impact/ Explain/ Action Steps	Timeline/ Responsible Parties
For 2019			
Goal 1: Develop Hands-on Diaphragm Pump lab (in outdoor lab)			
Goal 3: Develop online course content for PTEC-25, PTEC-35			
For 2020			
Goal 1: Extend outdoor lab to add chemical trailer offloading simulator			
Goal 2: Develop and implement a marketing program to promote the program to CBO's			
Goal 3: Complete development of PTEC-25/35 Online Courses			

Goal 4: Participate in NAPTA Troubleshooting contest			
Goal 5: Implement a Control Room Environment where PTEC students can operate small scale unit operations			

**FOR CTE PROGRAMS ONLY**

1c. Community and Labor Market Needs (Link Ed Code 78016 ([http://leginfo.ca.gov/faces/codes\\_displaySection.xhtml?lawCode=EDC&sectionNum=78016](http://leginfo.ca.gov/faces/codes_displaySection.xhtml?lawCode=EDC&sectionNum=78016)), Title 5, 51022 ([https://govt.westlaw.com/calregs/Document/I69DDBCC0B6CB11DFB199EEE3FF08959C?viewType=FullText&listSource=Search&originationContext=Search+Result&transitionType=SearchItem&contextData=\(sc.Search\)&navigationPath=Search%2fv1%2fresults%2fnavigation%2f0ad7140b000016c911a16d7fb7f969b%3fNav%3dREGULATION\\_PUBLICVIEW%26fragmentIdentifier%3dI69DDBCC0B6CB11DFB199EEE3FF08959C%26startInde](https://govt.westlaw.com/calregs/Document/I69DDBCC0B6CB11DFB199EEE3FF08959C?viewType=FullText&listSource=Search&originationContext=Search+Result&transitionType=SearchItem&contextData=(sc.Search)&navigationPath=Search%2fv1%2fresults%2fnavigation%2f0ad7140b000016c911a16d7fb7f969b%3fNav%3dREGULATION_PUBLICVIEW%26fragmentIdentifier%3dI69DDBCC0B6CB11DFB199EEE3FF08959C%26startInde)))

SOC Description	2022 Jobs	2027 Jobs	2022 - 2027 % Change	Avg. Annual Openings	Median Hourly Earnings	Pct. 25 Hourly Earnings	Pct. 75 Hourly Earnings	Typical Entry Level Education	Regional Completions (2020)
51- Petroleum Pump System Operators, Refinery Operators, and Gaugers	1,743	1,438	(18%)	162	\$45.63	\$40.83	\$50.02	High school diploma or equivalent	0
51-9011 Chemical Equipment Operators and Tenders	531	514	(3%)	56	\$23.86	\$18.85	\$27.57	High school diploma or equivalent	4
51-8091 Chemical Plant and System Operators	227	194	(15%)	21	\$24.36	\$19.35	\$34.04	High school diploma or equivalent	4
	2,500	2,145	(14%)	239					

**FOR CTE PROGRAMS ONLY**

1d. Advisory Board Update and Analysis (CTE related only) Include dates of Advisory Board meetings in 2020-2021, and those completed or planned in 2021-2022.

No Value

Goals and Objectives	Modified	In Progress	Abandoned	Completed
Goal 1. Strengthen a culture of equity, diversity, inclusion, and racial justice. (District #2 and #4)				
Goal 2. Increase and maximize equitable opportunities for students to successfully complete courses and programs. (District #1 and #2)				
Goal 3. Increase opportunities that will prepare students to enter high-demand and living-wage occupational fields. (District #3)				
Goal 4. To better support students in accomplishing their academic and career goals – from entry to completion/transition – and to enhance course-level and program-level achievement, expand and deepen educational, workforce, and community partnerships. (District #3)				
Goal 5: Effectively utilize institutional resources to meet the needs critical to the College mission. (District #4 and #5)				

2. Vision for Success Goals Update : Version by Franco, Dennis on 02/14/2022 20:02

2a. The following table lists the *Vision for Success* indicators that we must align to as a College and as a District. Please look at your program data (Tableau) for each of the following *Vision for Success* indicators. Please address all indicators that are relevant to your program and provide a status update on your program goals from your Program Review Year Three Update. Please include action steps if your goal(s) has been modified and an explanation if your goal(s) has been abandoned. \*

*\*NOTE - Please copy and paste the table below in your response and complete accordingly.*

Vision for Success Indicators and ACCJC Indicator	Program Set Goals (from PR Year 3 Update)	Status (Indicate Modified, Completed, or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
Course Success					
Degrees ( AA, AS, ADT)					
Certificates of Achievement					
Unit Reduction					
CTE Jobs					

Vision for Success Indicators and ACCJC Indicator	Program Set Goals (from PR Year 3 Update)	Status (Indicate Modified, Completed, or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
Course Success	85.7%	74.9%			
Degrees ( AA, AS, ADT)	28	8			

Certificates of Achievement	22.8	3			
Unit Reduction	79	81			
CTE Jobs					

2b. The *Vision for Success Goal 5 - Equity* is designed to reduce the equity achievement gap on course success for disproportionately impacted (DI) student populations. The College has identified the following three disproportionately impacted (DI) populations: African-American, economically disadvantaged students (low income), and foster youth students.

Please review your program data (Tableau) for each of the aforementioned DI populations, and provide a status update on your program goal(s) for your previously selected DI population(s) in your Program Review Year Three Update. If your goal(s) has been modified please include action steps and if your goal(s) has been abandoned please provide an explanation.\*

*\*NOTE - Please copy and paste the table below in your response and complete accordingly.*

Course Success by DI Population	Program Set Goals (PR Year 3 Update)	Status (Indicate Modified, Completed or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
African American					
Low Income					
Foster Youth					

Course Success by DI Population	Program Set Goals (PR Year 3 Update)	Status (Indicate Modified, Completed or Abandoned)	Timeline	Responsible Parties	Action Steps/ Explanation
African American	81.9%	71.1%			
Low Income	87.5%	81.9%			
Foster Youth	87.0%	64.7%			

### 3. Assessment Status Update and CSLO Assessment Effectiveness : Version by Kean, Michael on 09/30/2021 19:15

a. Please review the data provided on the assessment status of courses in your discipline for Cycle Two (2017/18-2020/21). For any courses that were not assessed in Cycle Two please list them in the table below in your response including why they were not assessed, when you are going to assess them, and who is going to assess them.\*

*\*NOTE - Please copy and paste the table below in your response and complete accordingly (add extra rows if needed).*

Course Name/ Number	Reason course was not assessed	When course will be assessed	Faculty Responsible for Course Assessment
<b>Course Name/Number</b>	<b>Reason course was not assessed</b>	<b>When course will be assessed</b>	<b>Faculty Responsible for Course Assessment</b>
PTEC-004 PTEC Career Exploration	Not Taught	No plan to assess	n/a
PTEC-007 Career Skills	Unknown	Fall 2021 Term, exact date TBD	Jim Martin
PTEC-060 Career Prep	Unknown	Fall 2021 Term, exact date TBD	Jim Martin

b. Discuss the results of any CSLO assessments performed this year. What changes, if any, are planned to improve student success (ex. pedagogy, assessment instruments are not appropriate to measure, CSLO rewritten etc.)?

Moving to standardize canvas shells based on BEOI format

### 4. Course Outline of Record Updates : Version by Kean, Michael on 09/30/2021 19:16

Please review the data provided in eLumen for the status of the Course Outline of Records (COORs) in your discipline. Please indicate in the table below any COOR(s) for your discipline that has not been updated and identify the faculty member responsible for submitting the updated COORs) to the Curriculum Committee by November 1, 2021.\*

*\*NOTE - Copy and paste the table below in your response and complete accordingly (add extra rows if necessary).*

Course (Enter Course Name ex. ENGL-100)	Faculty Responsible for COOR Update
PTEC-004 PTEC Career Exploration	n/a
PTEC-007 Career Skills	Jim Martin
PTEC-060 Career Prep	Jim Mariting

### Impact of Resource Allocation