

Instructional Units Program Review Year Five Update - Computer Sciences 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 Giambattista, Louie on 02/10/2022 23:03

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.)

1. Clayton Smith retired in Spring 2020.
2. Ali Karahroudy was hired and started in Fall 2022.
3. The Computer Support Specialist and Computer Applications Specialist Certificate of Achievements and Associate of Arts Degrees were merged into the Computer Applications Support Specialist certificates and degrees.

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))

The enrollment data have been fairly consistent, with little variance, since the fall of 2018. The average numbers were, for: census enrollment 478 students, census fill rate 74%, average FTES of 71, and FTES/FTEF of 16.9. The trend has been fairly flat since 2018.

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?

Given all the added disruptions and complications with the COVID virus, the data suggests that our program and course offerings still in demand and we are managing are teaching resources effectively.

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.

Goal 1: Research and develop a Cybersecurity program. Status: Completed.

Goal 2: Continue with ITTP Pathways development. Status: Still in progress. It was on hold pending a new full-time faculty hire. A new full-time faculty, Ali Karahroudy, was hired and started in Fall 2021.

Goal 3: Develop a course for high demand pathways. Status: Abandoned. No one could remember what this was referring to.

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1c. Community and Labor Market Needs (Link Ed Code 78016 (http://leginfo.legislature.ca.gov/faces/codes_displaySection.xhtml?lawCode=EDC§ionNum=78016), Title 5, 51022 ([https://govt.westlaw.com/calregs/Document/169DDBCC0B6CB11DFB199EEE3FF08959C?viewType=FullText&listSource=Search&originationContext=Search+Result&transitionType=SearchItem&contextData=\(sc.Search\)&navigationPath=Search%2f1%2fresults%2fnavigation%2f0ad7140b000016c911a16d7fb7f969b%3fnav%3dREGULATION_PUBLICVIEW%26fragmentIdentifier%3d169DDBCC0B6CB11DFB199EEE3FF08959C%26startInde](https://govt.westlaw.com/calregs/Document/169DDBCC0B6CB11DFB199EEE3FF08959C?viewType=FullText&listSource=Search&originationContext=Search+Result&transitionType=SearchItem&contextData=(sc.Search)&navigationPath=Search%2f1%2fresults%2fnavigation%2f0ad7140b000016c911a16d7fb7f969b%3fnav%3dREGULATION_PUBLICVIEW%26fragmentIdentifier%3d169DDBCC0B6CB11DFB199EEE3FF08959C%26startInde)))

In the four near-by counties, the data shows an estimated 15.5% (from 2021-2026) overall increase in jobs where the national average is 9.5%. Where a vast majority of those jobs in San Francisco and Alameda Counties. Approximately, 20% of the jobs offered in the near-by counties, in 2021-2022, were for jobs relating to our terminal technology certificates and degrees. The others were suited for more people with BA level degrees. Occupations related to our terminal degrees, such as Computer Network and User support shows an estimated average 13% increase, from 2021-2026.

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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 Computer Science advisory board meetings were held 2020.

We merged the LMC's and DVC's computer science advisory board into one meeting. We met on November 18th, 2021. We will continue to meet as one advisory board on the the 13th week of each fall and spring semester.

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)				
Recommended Actions	Goal 2: Continue with ITTP Pathways development Action Steps: To be determined by Ali Karahroudy Responsible Party: Ali Karahroudy Timeline: To be determined by Ali Karahroudy 0 linked SLOs 0 resource requests			

Goals and Objectives	Modified	In Progress	Abandoned	Completed
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 Giambattista, Louie on 02/10/2022 23:03

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	64%	Completed	N/A	Louie Giambattista Ali Karahroudy	Achieved a 64.6% rate. No further action is planned.
Degrees (AA, AS, ADT)	Computer Science (AST) - 4 Support Specialist (AS) - 8	Completed Completed	N/A N/A	Louie Giambattista Ali Karahroudy	Completed 20 AST and 25 AS degrees. No further action is planned.
Certificates of Achievement	Application & Support Specialist - 4	Completed	N/A		Completed 20 certificates. No further action is planned.
Unit Reduction					
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 disadvantage 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
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African American	52.7%	Completed	N/A	Louie Giambattista Ali Karahroudy	Completed. No further action is planned.
Low Income	64.8%	Completed	N/A	Louie Giambattista Ali Karahroudy	Achieved 65.6%. No further action is planned.
Foster Youth	61.0%	Completed	N/A	Louie Giambattista Ali Karahroudy	Achieved 63.5%. No further action is planned.

3. Assessment Status Update and CSLO Assessment Effectiveness : Version by Giambattista, Louie on 02/10/2022 23:03

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

All required courses were assessed.

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.)?

No current courses are planned to be changed to improve student success. However, we do plan on investigating new courses and programs that may better align with industry needs.

4. Course Outline of Record Updates : Version by Giambattista, Louie on 02/10/2022 23:03

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 COOR(s) 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
Course (Enter Course Name ex. ENGL-100)	Faculty Responsible for COOR Update
COMSC-010	Ali Karahroudy
COMSC-011	Ali Karahroudy
COMSC-012	Ali Karahroudy
COMSC-037	Ali Karahroudy
COMSC-040	Ali Karahroudy
COMSC-091	Ali Karahroudy
COMSC-120	Ali Karahroudy
COMSC-121	Ali Karahroudy

Impact of Resource Allocation