2023 INSTRUCTIONAL ANNUAL PROGRAM PLANNING WORKSHEET

CURRENT YEAR: 2023   **PROGRAM: EMERGENCY MEDICAL SERVICES**

CLUSTER: HEALTH SCIENCES AND WELLNESS, SKILLED TRADES AND TECHNOLOGY

LAST YEAR CPPR COMPLETED: 2021-2022

NEXT SCHEDULED CPPR: SPRING 2026   **CURRENT DATE: 3/2/2023**

The Annual Program Planning Worksheet (APPW) is the process for:

- reviewing, analyzing and assessing programs on an annual basis
- documenting relevant program changes, trends, and plans for the upcoming year
- identifying program needs, if any, that will become part of the program's Resource Plan (download from this folder) (Please review the Resource Allocation Rubric when preparing the resource plan)
- highlighting specific program accomplishments and updates since last year's APPW
- tracking progress on a Program Sustainability Plan if established previously

Note: Degrees and/or certificates for the *same* program *may be consolidated* into one APPW.

This APPW encompasses the following degrees and/or certificates:

A.S. Paramedic, C.A. Paramedic, C.S. Emergency Medical Technician, C.S. Emergency Medical Technician Refresher

GENERAL PROGRAM UPDATE

Describe significant changes, if any, to program mission, purpose or direction. *If there are not any, indicate: NONE.*

The EMS Programs at Cuesta College are exploring the possibility of expanding our course offerings to our local high schools by way of a Dual Enrollment Emergency Medical Responder Course. There are at least three local high schools requesting this course offering. We are hopeful that these offerings will increase FTES for Cuesta as a whole as well as for our program. Additionally, we are hopeful that students completing this course would then continue at Cuesta in our EMT and Paramedic courses, or in other programs within our Division of Nursing & Allied Health.

PROGRAM SUSTAINABILITY PLAN UPDATE

Was a Program Sustainability Plan established in your program's most recent Comprehensive Program Plan and Review?

      Yes ☐ If yes, please complete the Program Sustainability Plan Progress Report below.

   No ☒ If no, you do not need to complete a Progress Report.

If you selected yes, please complete the Program Sustainability Plan Progress Report below after you complete the Data Analysis section. That data collection and analysis will help you to update, if necessary, your Program Sustainability Plan.

DATA ANALYSIS AND PROGRAM-SPECIFIC MEASUREMENTS

Your responses to the prompts for the data elements below should be for the entire program. If this APPW is for multiple degrees and/or certificates, then you MAY want to comment on each degree and/or certificate or discuss them holistically for the entire program being sure to highlight relevant trends for particular degrees and/or certificates if necessary. Responses in this document need only reference the most recent year's available data.

A. General Enrollment (Insert Aggregated Data Chart)

The below chart shows a decline in enrollments for the 2021-2022 academic year consistent with the trend of the college as a whole post-pandemic. However, we expect to see a steady increase in enrollments going forward as more people are interested in healthcare, specifically pre-hospital medicine post-pandemic. Interest in the local high schools in such programs remains high with multiple requests to present at career fairs are received by our programs.
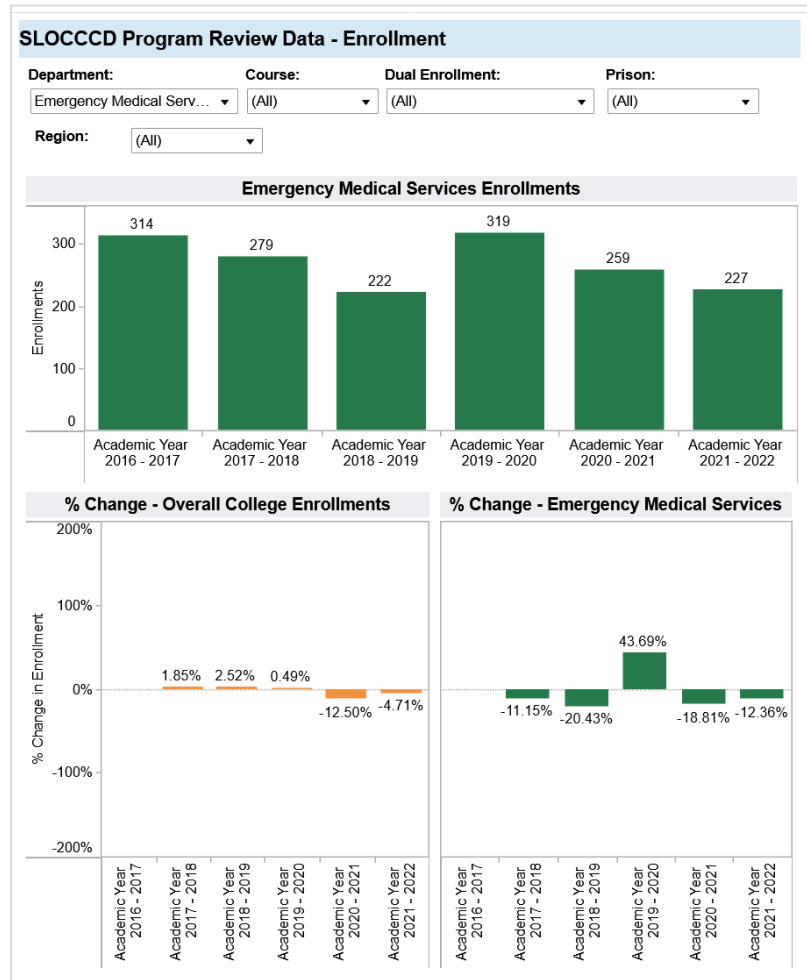
B. General Student Demand (Fill Rate) (Insert Aggregated Data Chart)

Our programs (both EMT and Paramedic) tend to see downward trends when our economy is also trending downward. Both courses demand a lot of time in and out of the classroom making it difficult for students who need to work to manage both commitments. We are hopeful that with increasing scholarship and grant funding availability more students will be able to enter the programs.
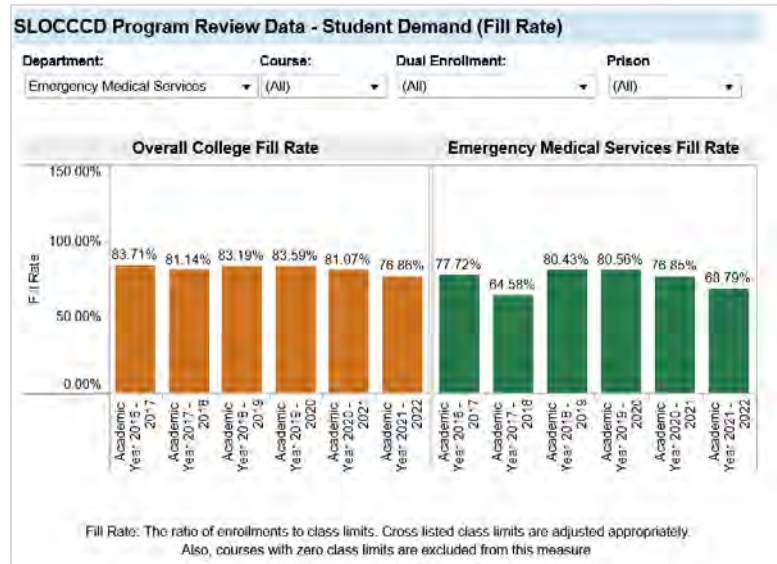
C. General Efficiency (FTES/FTEF) (Insert Aggregated Data Chart)

While our overall FTES/FTEF efficiency has decreased over our program norm, we are in line with the overall college numbers. Again, we anticipate an improvement in efficiency with continued EMT program number increases as well as the anticipated addition of the EMR course for dual-enrollment.
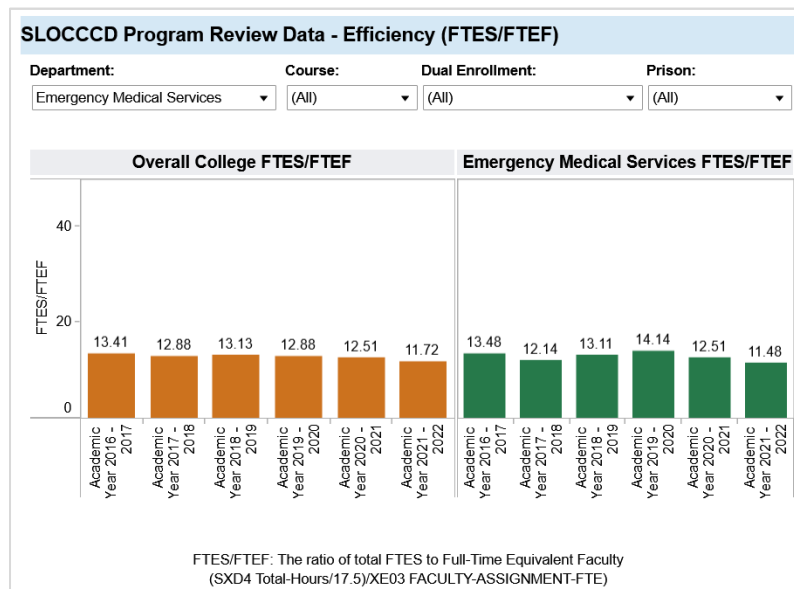
D. [Student Success—Course Completion by Modality (Insert Data Chart)](#)
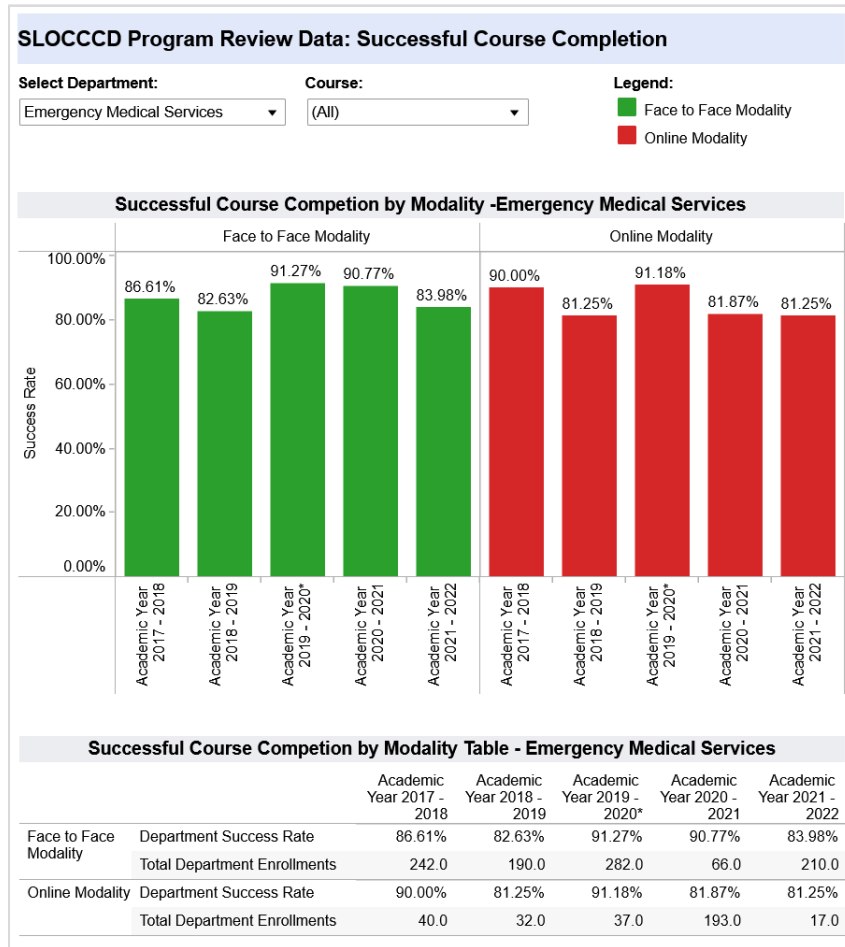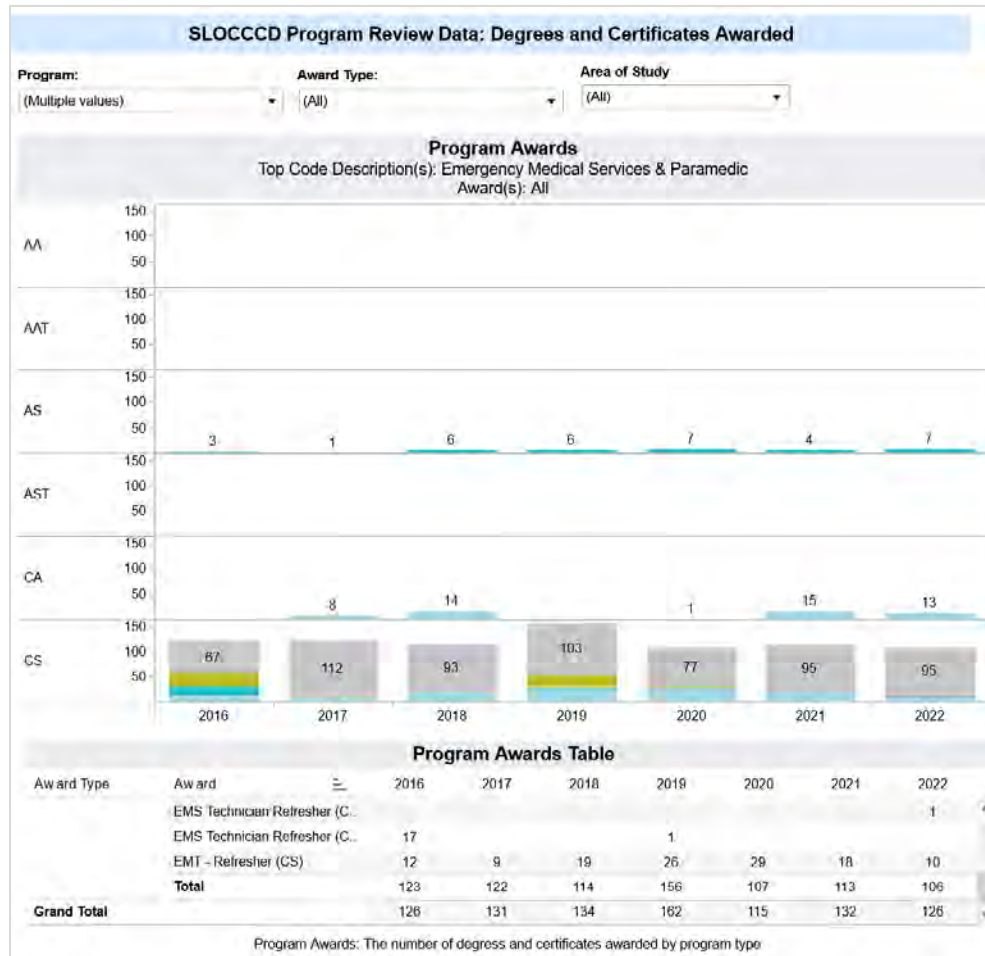
Although success in both face-to-face and online modalities were relatively the same for EMS programs in Academic Year 2021-2022, and show an overall decline compared to pre-pandemic times, it is to be noted that the only course in the EMS programs taught in the online modality (with the exception of during the early days of the pandemic when lecture was online in all programs), is the EMS Refresher Course. We have had several students over the last two years, for various reasons, be unable to attend the mandatory skills session and therefore not complete the course. We have seen an increase in both the EMT and Paramedic Programs of students unable to complete the program due to varying circumstances related to health, finances, and other commitments.

SLOCCCD Program Review Data: Successful Course Completion

Select Department: Emergency Medical Services

Course: (All)

Legend:
- Face to Face Modality (green)
- Online Modality (red)

Successful Course Competion by Modality - Emergency Medical Services

Successful Course Competion by Modality Table - Emergency Medical Services

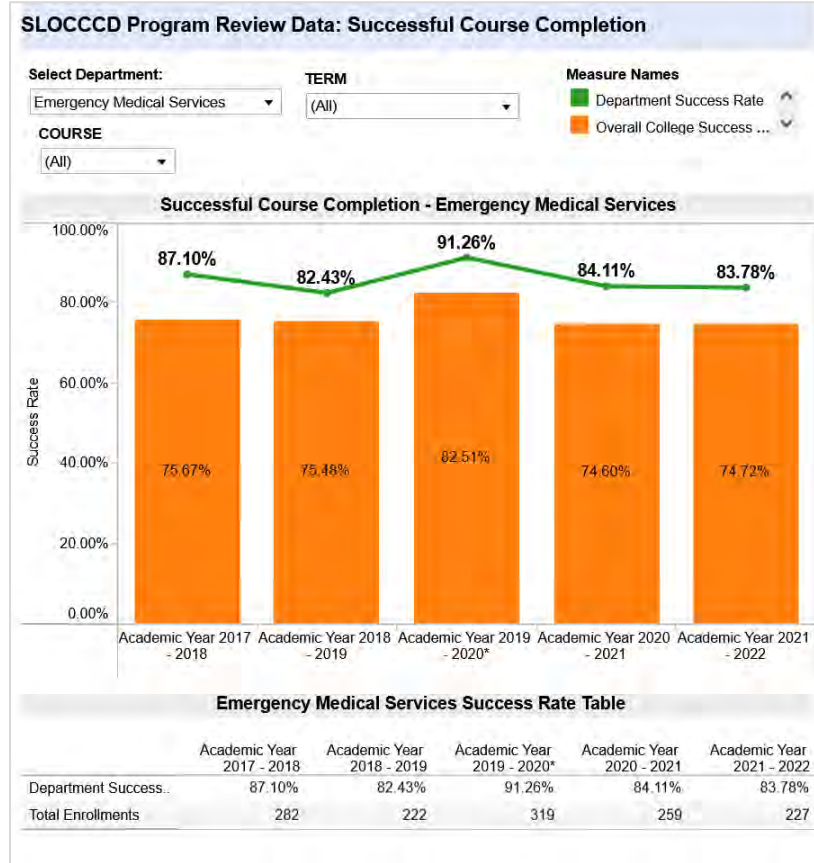|		Academic Year 2017 - 2018	Academic Year 2018 - 2019	Academic Year 2019 - 2020*	Academic Year 2020 - 2021	Academic Year 2021 - 2022
Face to Face Modality	Department Success Rate	86.61%	82.63%	91.27%	90.77%	83.98%
	Total Department Enrollments	242.0	190.0	282.0	66.0	210.0
Online Modality	Department Success Rate	90.00%	81.25%	91.18%	81.87%	81.25%
	Total Department Enrollments	40.0	32.0	37.0	193.0	17.0

E. [Degrees and Certificates Awarded (Insert Data Chart)](#)

Although we have seen decreases in fill rates and completion rates, our awarding of certificates and degrees has remained consistent. We anticipate this trend will continue moving forward.

SLOCCCD Program Review Data: Degrees and Certificates Awarded

Program Awards
Top Code Description(s): Emergency Medical Services & Paramedic
Award(s): All

Program Awards Table

Award Type	Award		2016	2017	2018	2019	2020	2021	2022
	EMS Technician Refresher (C...								1
	EMS Technician Refresher (C...		17			1			
	EMT - Refresher (CS)		12	9	19	26	29	18	10
	Total		123	122	114	156	107	113	106
Grand Total			126	131	134	162	115	132	126

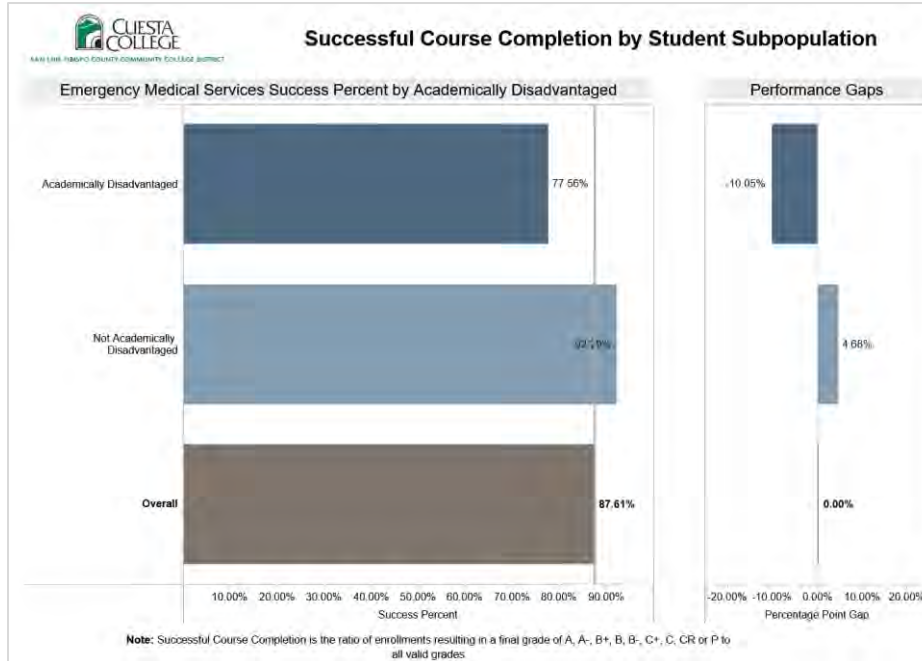Program Awards: The number of degrees and certificates awarded by program type

F. [General Student Success – Course Completion (Insert Aggregated Data Chart)](#)
    Overall, we continue to have a greater course completion aggregate percentage compared to the college as a whole. We have seen only slight decreases in the couple of years representative of the pandemic but anticipate as we continue to recover, economically in particular, we will see pre-pandemic numbers in our EMS programs.

SLOCCCD Program Review Data: Successful Course Completion

Select Department: Emergency Medical Services
TERM: (All)
COURSE: (All)

Measure Names:
- Department Success Rate
- Overall College Success ...

Successful Course Completion - Emergency Medical Services

	Academic Year 2017 – 2018	Academic Year 2018 – 2019	Academic Year 2019 – 2020*	Academic Year 2020 – 2021	Academic Year 2021 – 2022
Department Success (line)	87.10%	82.43%	91.26%	84.11%	83.78%
Overall College (bars)	75.67%	75.48%	82.51%	74.60%	74.72%

Emergency Medical Services Success Rate Table

	Academic Year 2017 - 2018	Academic Year 2018 - 2019	Academic Year 2019 - 2020*	Academic Year 2020 - 2021	Academic Year 2021 - 2022
Department Success..	87.10%	82.43%	91.26%	84.11%	83.78%
Total Enrollments	282	222	319	259	227

G. Review the [Disaggregated Student Success](#) charts; include any charts that you will reference. Describe any departmental or pedagogical outcomes that have occurred as a result of programmatic discussion regarding the data presented.

EMS programs continue to present a challenge to students who are not academically prepared for the rigors of the course. Our programs have actively sought the help of our college Academic Success Support Coaches. We have had the coaches attend our orientation sessions, first class sessions, and post workshop information and frequent reminders for our students to engage in those sessions that will help them succeed. We are very pleased with this partnership. Additionally, ESL students in our programs have the option to utilize textbooks (purchased by the success teams grant funds) in their native language. We have noticed some improvement in the ESL students' success since our last program review and hope to see this trend continue. We also have seen a closing of the gap of the success of our Veteran student population in our programs as we have had more Veterans enrolled and successfully completing.

Successful Course Completion by Student Subpopulation

Emergency Medical Services Success Percent by Academically Disadvantaged

	Success Percent
Academically Disadvantaged	77.56%
Not Academically Disadvantaged	(unclear)%
Overall	87.61%

Performance Gaps

	Percentage Point Gap
	-10.05%
	4.68%
	0.00%

Note: Successful Course Completion is the ratio of enrollments resulting in a final grade of A, A-, B+, B, B-, C+, C, CR or P to all valid grades

OTHER RELEVANT PROGRAM DATA (OPTIONAL)

Provide and comment on any other data that is relevant to your program such as state or national certification/licensure exam results, employment data, etc. If necessary, describe origin and/or data collection methods used.

Our programs are locally (EMT and Paramedic) and nationally accredited (CAAHEP and CoAEMSP – Paramedic program) and frequently review data related to our student's success on their state exam (National Registry of EMT) that leads to their ability to apply for state certification/licensure. This data is reported to our state and local EMS authority/agency as well and is accessible to the public. Below charts are indicative of our continuing success in this area as our students have consistently achieved passing rates well above the national average for both first-time and overall pass rates.

Report Date: 2/28/2023 5:54:51 PM

Report Type: Program Report (CA-40003)

Registration Level: EMT

Course Completion Date: 1st Quarter 2021 to 1st Quarter 2023

Training Program: Cuesta College Allied Health-EMT (CA-40003)

View Legend | Printer-Friendly Version

Show All | Show Only Percentages | Show Only Numbers

The results of your report request are as follows:

Attempted The Exam	First Attempt Pass	Cumulative Pass Within 3 Attempts	Cumulative Pass Within 6 Attempts	Failed All 6 Attempts	Eligible For Retest	Did Not Complete Within 2 Years
159	79% (125)	86% (137)	86% (137)	0% (0)	14% (22)	0% (0)

Attempted the exam: Number of graduates that make at least one attempt at the exam.
First attempt pass: Number and percent of those who attempt the exam that pass on the first attempt.
Cumulative pass within 3 attempts: Number and percent of those who attempt the exam who pass on the first, second, or third attempt.
Cumulative pass within 6 attempts: Number and percent of those who attempt the exam who pass on the first, second, third, fourth, fifth, or sixth attempt.
Failed all 6 attempts: Number and percent of those who fail the exam six times.
Eligible for retest: Number and percent of those who failed their last attempt, but remain eligible for retest (less than six attempts, less than two years from course completion.)
Did not complete within 2 years: Number and percent of those who fail their last attempt and are no longer eligible for retest (more than two years from course completion.)

Report Date: 2/28/2023 5:56:52 PM

Report Type: National Report

Registration Level: EMT

Course Completion Date: 1st Quarter 2021 to 1st Quarter 2023

Training Program: All

View Legend | Printer-Friendly Version

Show All | Show Only Percentages | Show Only Numbers

The results of your report request are as follows:

Attempted The Exam	First Attempt Pass	Cumulative Pass Within 3 Attempts	Cumulative Pass Within 6 Attempts	Failed All 6 Attempts	Eligible For Retest	Did Not Complete Within 2 Years
167946	68% (114592)	79% (132675)	80% (134043)	0% (170)	19% (32549)	1% (1210)

Instructional Annual Program Planning Worksheet
Approved by Academic Senate April 28, 2017 Document to be Used for Submission Spring, March 6, 2023

Report Date: 2/28/2023 5:59:18 PM

Report Type: Program Report (CA-40001)

Registration Level: Paramedic

Course Completion Date: 1st Quarter 2021 to 1st Quarter 2023

Training Program: Cuesta College-CCPP (CA-40001)

View Legend | Printer-Friendly Version

Show All | Show Only Percentages | Show Only Numbers

The results of your report request are as follows:

Attempted The Exam	First Attempt Pass	Cumulative Pass Within 3 Attempts	Cumulative Pass Within 6 Attempts	Failed All 6 Attempts	Eligible For Retest	Did Not Complete Within 2 Years
36	89% (32)	94% (34)	97% (35)	0% (0)	3% (1)	0% (0)

Report Date: 2/28/2023 6:00:45 PM

Report Type: National Report

Registration Level: Paramedic

Course Completion Date: 1st Quarter 2021 to 1st Quarter 2023

Training Program: All

View Legend | Printer-Friendly Version

Show All | Show Only Percentages | Show Only Numbers

The results of your report request are as follows:

Attempted The Exam	First Attempt Pass	Cumulative Pass Within 3 Attempts	Cumulative Pass Within 6 Attempts	Failed All 6 Attempts	Eligible For Retest	Did Not Complete Within 2 Years
26603	70% (18668)	84% (22410)	86% (22996)	0% (128)	13% (3370)	0% (112)

PROGRAM OUTCOMES ASSESSMENT CHECKLIST AND NARRATIVE

CHECKLIST:

☒ SLO assessment cycle calendar is up to date.

☒ All courses scheduled for assessment have been assessed in eLumen.

☐ Program Sustainability Plan progress report completed (if applicable).

NARRATIVE:

Briefly describe program changes, if any, which have been implemented in the previous year as a direct result of the Program or Student Services Learning Outcomes Assessment. *If no program changes have been made as results of Program or Student Services Learning Outcomes Assessment, indicate: NONE.*

NONE

PROGRAM PLANNING / FORECASTING FOR THE NEXT ACADEMIC YEAR

Briefly describe any program plans for the upcoming academic year. These may include but are not limited to the following: *(Note: you do not need to respond to each of the items below). If there are no forecasted plans for the program, for the upcoming year, indicate: NONE.*

A. New or modified plans for achieving program-learning outcomes - As noted above, we are working with our academic success coaches to help close noted equity gaps.
B. Anticipated changes in curriculum, scheduling, or delivery modality - Anticipate the addition of dual enrollment with local high schools (face-to-face courses)
C. Levels, delivery, or types of services – Anticipate the addition of dual enrollment with local high schools
D. Facilities changes - We still need to recover the lost classroom space because of the bond measure build of the 2600/2700 building. As our programs have grown, we have really felt the impact of this loss and have no dedicated lab space.
E. Staffing projections – the hiring of another FT EMS Tenure Track instructor (currently in progress) as well as a PT instructor pool and the annual hiring of our EMS program teaching assistants, will ensure we are able to manage and anticipate program growth and expansion. Although the Paramedic Program Director position has been filled with a PT faculty member (8 hours a week), the Paramedic Program remains understaffed. Our resource allocation plan shows the need for a full-time Paramedic Program Director. The program would also benefit from the Nursing & Allied Health Associate Dean position being filled as well as the Nursing & Allied Health unit plan request for a dedicated lab technician.
F. Other: None

10 S a n L u i s O b i s p o C o u n t y C o m m u n i t y C o l l e g e D i s t r i c t
I n s t r u c t i o n a l A n n u a l P r o g r a m P l a n n i n g W o r k s h e e t
Approved by Academic Senate April 28, 2017 Document to be Used for Submission Spring, March 6, 2023

PROGRAM SUSTAINABILITY PLAN PROGRESS REPORT

This section only needs to be completed if a program has an existing Program Sustainability Plan. Indicate whether objectives established in your Program Sustainability Plan have been addressed or not, and if improvement targets have been met.

Area of Decline or Challenge	Identified Objective (Paste from PSP)	Planning Steps (Check all that apply)	Has the Improvement Target Been Met?
Enrollment		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Demand (Fill Rate)		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Efficiency (FTES/FTEF)		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Success – Course Completion		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Student Success — Course Modality		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one
Degrees and Certificates Awarded		☐ Identified ☐ Resources Allocated ☐ Implemented	Select one

If Program Sustainability Plan is still necessary, provide a brief description of how you plan to continue your PSP and update your PSP to remove any objectives that have been addressed and include any new objectives that are needed.