CURRENT YEAR: 2018 - 2019 PROGRAM: EMERGENCY MEDICAL SERVICES
CLUSTER: MATH & SCIENCES
LAST YEAR CPPR COMPLETED: 2017-2018
NEXT SCHEDULED CPPR: 2021-2022
CURRENT DATE: 2/21/2019

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
- 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.*

NONE.

PROGRAM SUSTAINABILITY PLAN UPDATE

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

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

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

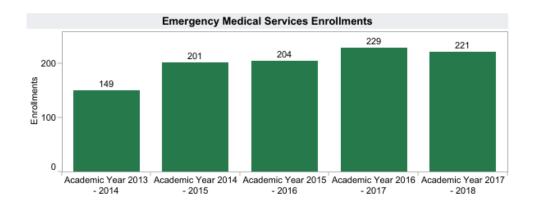
If you selected yes, please complete the Program Sustainability Plan Progress Report below after you complete the Data Analysis section. That data collection and analysis will help you to update, if necessary, your Program Sustainability Plan.

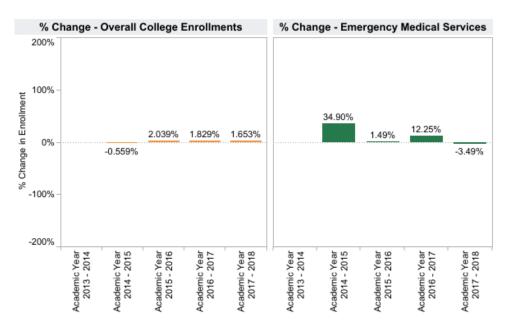
DATA ANALYSIS AND PROGRAM-SPECIFIC MEASUREMENTS

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.

Enrollment





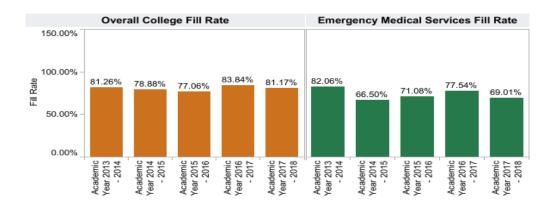


Enrollment: Duplicated count of students who completed greater than 0 units in positive attendance courses or were present on census for all other accounting methods.

EMS enrollment trended down slightly in 2018 as we did not start a Paramedic Program until spring 2019. Previously we started the new Paramedic Program cohort (EMS 210) in the fall of each academic year. This is not a trend we expect to continue as we have also added a 3rd section of EMS 201 which will boost enrollment in the EMS programs.

General Student Demand (Fill Rate)





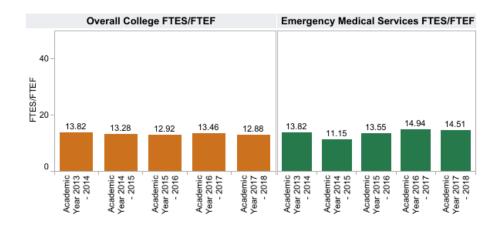
Fill Rate: The ratio of enrollments to class limits. Cross listed class limits are adjusted appropriately.

Also, courses with zero class limits are excluded from this measure.

Enrollment in our Paramedic Program was low (only 12 students started with a cap of 24) last academic year. This prompted a change to a spring start and we began the current cohort (spring of 2019 with 19 students). We also saw quite a bit of attrition (non-academic) in our EMT courses in the fall of 2018.

General Efficiency (FTES/FTEF) (Insert Aggregated Data Chart)



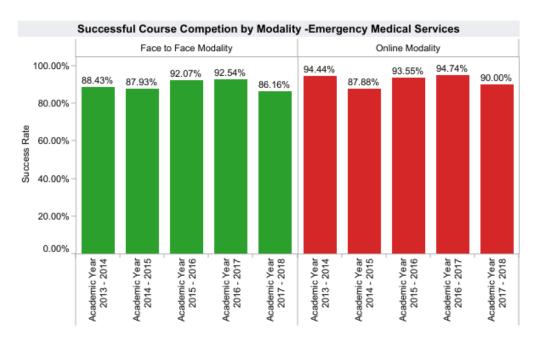


FTES/FTEF: The ratio of total FTES to Full-Time Equivalent Faculty (SXD4 Total-Hours/17.5)/XE03 FACULTY-ASSIGNMENT-FTE)

We have seen an overall improvement in EMS programs due to the addition of a 3rd EMT section to our course offerings. We anticipate this trend will continue as our Paramedic program has improved its fill rate and the EMT courses continue to fill.

Student Success—Course Modality (Insert Data Chart)





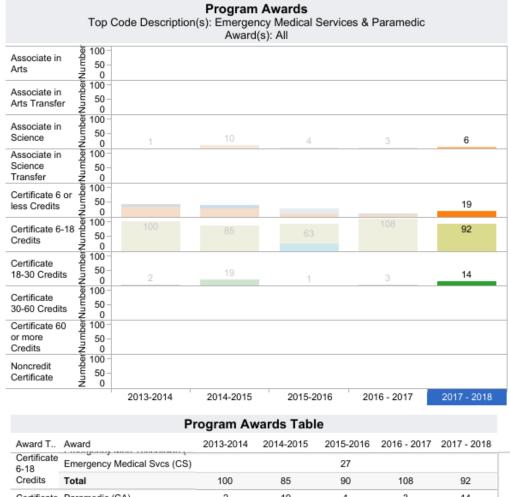
Successful Course Competion by Modality Table - Emergency Medical Services								
		Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017	Academic Year 2017 - 2018		
Face to Face	Department Success Rate	86.96%	88.07%	91.97%	92.81%	86.52%		
Modality	Total Department Enrollments	276.0	243.0	249.0	292.0	239.0		
Online	Department Success Rate	94.44%	88.24%	93.55%	94.74%	90.00%		
Modality	Total Department Enrollments	36.0	34.0	31.0	19.0	40.0		

We continue to see an overall positive success rate in all modalities of course offerings. We anticipate this trend will also continue this academic year.

Degrees and Certificates Awarded (Insert Data Chart)

SLOCCCD Program Review Data: Degrees and Certificates Awarded





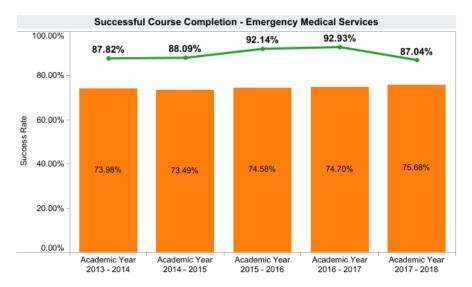
Program Awards Table								
Award T	Award	2013-2014	2014-2015	2015-2016	2016 - 2017	2017 - 2018		
Certificate 6-18	Emergency Medical Svcs (CS)			27				
Credits	Total	100	85	90	108	92		
	Paramedic (CA)	2	19	1	3	14		
18-30 Cr	Total	2	19	1	3	14		
Grand Tot	al	146	153	123	124	131		

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

We have seen an uptick in the awarding of our A.S. in Paramedicine Degree and anticipate those numbers will continue to increase. EMS program certificates continue to be awarded at an appropriate rate to keep pace with local and distant industry needs.

General Student Success - Course Completion (Insert Aggregated Data Chart)





Emergency Medical Services Success Rate Table									
	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017	Academic Year 2017 - 2018				
Department Success	87.82%	88.09%	92.14%	92.93%	87.04%				
Total Enrollments	312	277	280	311	279				

Success: The Percentage of student enrollments resulting in a final grade of "C" or better

We continue to see overall success rates consistent with trends over the last 5 years and anticipate this trend will continue.

Success by individual program/course is listed below. The large number of EMT (EMS 201) students result in a lower overall success rate as this course is 9.5 units and academically demanding bringing our overall EMS success numbers down. Both EMS 102 (refresher) and our Paramedic Program Courses have success rates of at least 90%.

SLOCCCD Program Review Data: Successful Course Completion

Select Department:

Emergency Medical Services

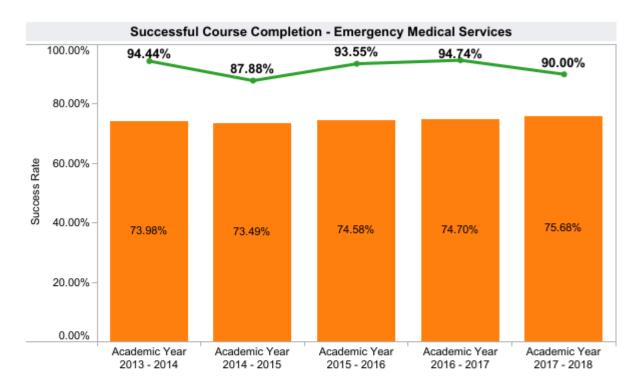
COURSE

EMS102

Measure Names

Department Success Rate

Overall College Success Rate



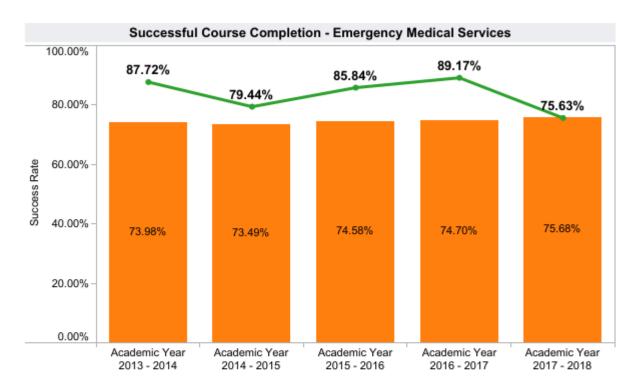
Emergency Medical Services Success Rate Table

	Academic Year 2013 - 2014	Academic Year 2014 - 2015	Academic Year 2015 - 2016	Academic Year 2016 - 2017	Academic Year 2017 - 2018
Department Success	94.44%	87.88%	93.55%	94.74%	90.00%
Total Enrollments	36	33	31	19	40

Success: The Percentage of student enrollments resulting in a final grade of "C" or better

SLOCCCD Program Review Data: Successful Course Completion

Select Department: COURSE Measure Names
Emergency Medical Services EMS201 Department Success Rate
Overall College Success Rate



Emergency Medical Services Success Rate Table Academic Year Academic Year Academic Year Academic Year Academic Year 2013 - 2014 2014 - 2015 2015 - 2016 2016 - 2017 2017 - 2018 Department Success.. 85.84% 87.72% 79.44% 89.17% 75.63% Total Enrollments 114 107 113 120 119

Success: The Percentage of student enrollments resulting in a final grade of "C" or better

SLOCCCD Program Review Data: Successful Course Completion

Select Department:

Emergency Medical Services

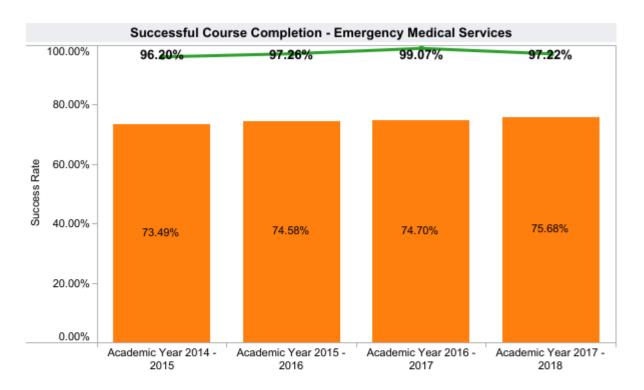
COURSE

Multiple values

Measure Names

Department Success Rate

Overall College Success Rate



Emergency Medical Services Success Rate Table

	Academic Year 2014 -	Academic Year 2015 -	Academic Year 2016 -	Academic Year 2017 -
	2015	2016	2017	2018
Department Success	96.20%	97.26%	99.07%	97.22%
Total Enrollments	79	73	107	73

Success: The Percentage of student enrollments resulting in a final grade of "C" or better

OTHER RELEVANT PROGRAM DATA (OPTIONAL)

Below are the pass rates for both our EMT and Paramedic program completers sitting for the National Registry of Emergency Medical Technician's exam which is used as the certifying exam by the state of California. The reports are inclusive of overall pass rates (since 2007) and current (2018).

NREMT - EMS Educators - Pass/Fail Report

https://www.nremt.org/nremt/EMS Ed/emsEdPassFailCognitive Disp.asp



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NREMT - EMS Educators - Pass/Fail Report

https://www.nremt.org/nremt/EMS_Ed/emsEdPassFailCognitive_Disp.asp



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NREMT - EMS Educators - Pass/Fail Report

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https://www.nremt.org/nremt/EMS_Ed/emsEdPassFailCognitive_Disp.asp

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The Registry	EMS Certification	Topics			ation Fo	_		Contact Us
	New Report							Return to To
CoAEMSP Psychomotor Results	attempts, less that	t: Number and pe n two years from within 2 years:	rcent of thos course comp Number and	e who faile letion.)	d their last a	six times, attempt, but remain elig fail their last attempt an		A
Psychomotor Results by Course Date	fourth, fifth, or sixt	h attempt.				no attempt the exam w	ho pass on	the first, second, third
Candidate Progress	third attempt.							
Topic Area Performance						am that pass on the firs no attempt the exam w		the first second or
Pass/Fail Report	Attempted the ex							
Cognitive Exam Results E Course Date	1404		(157)	(0)		2)		
Reports Cognitive Exam Results E Exam Date	Attempted Atter Pas	npt Within 3	Pass Within 6 Attempts	Failed All 6 Attempts	For Retest	Did Not complete Within 2 Years		
Manage Candidates		Cumulative	Cumulative			Did Nat		
Request Exam Materials	The results of you	r report request a	re as follows					
Locate A Psychomoto Exam				ily Number	S			
Program Director New	S View Legend P	rinter-Friendly Ver	rsion					
Home	Training Program	n:		Cuesta	College-CC	PP (CA-40001)		
	Course Complete					1st Quarter 2019		
PROGRAM DIRECTOR	Registration Lev	el:		Parame	dic			
CANDIDATE MY CERTIFICATION	Report Type:			Progran	n Report (C	A-40001)		
GENERAL INFO	Report Date:			2/19/20	19 3:15:20	PM		
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Fax: 1-614-888-8920

Rocco V. Morando

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43229 f y in

Maps, Stats & Data

NCCP Recertification

Paramedic Portfolio

Paramedic | NRP

Cognitive Exams

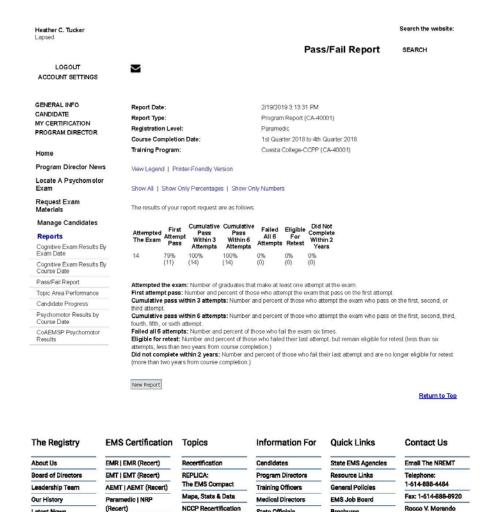
Psychomotor Exams

(Recert)

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NREMT - EMS Educators - Pass/Fail Report

https://www.nremt.org/nremt/EMS Ed/emsEdPassFailCognitive Disp.asp



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Columbus, Ohio 43229 f y in

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(Recert)

Cognitive Exams

Psychomotor Exams

Latest News

Research

PROGRAM OUTCOMES ASSESSMENT CHECKLIST AND NARRATIVE

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- SLO assessment cycle calendar is up to date.
- ☐ 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. None.
- B. Other than the addition of the 3rd EMT section in fall of 2018 (continued in spring 2019) and the move to a spring start of our Paramedic Program we do not anticipate any other changes for this academic year.
- C. None.
- D. We hope to secure a classroom (2205) to be utilized as a full-time skills lab.
- E. Anticipate the need to hire personnel to assist with lab preparation as well as to run the ambulance simulator and a high-fidelity training manikin to be implemented to meet the new testing requirements of our accrediting body.
- F. Other: None.

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.

			Has	the
Area of Decline or	Identified Objective	Planning Steps	Improve	ment
Challenge	(Paste from PSP)	(Check all that apply)	Target Met?	Been
		☐ Identified		
Enrollment		☐ Resources Allocated		
		\square Implemented		
Student Demand		\square Identified		
Student Demand (Fill Rate)		☐ Resources Allocated		
(Fill Rate)		☐ Implemented		
Tff: along a		☐ Identified		
Efficiency (FTES/FTEF)		☐ Resources Allocated		
(11123/11111)		☐ Implemented		
Student Success –		\square Identified		
Course Completion		☐ Resources Allocated		
Course Completion		\square Implemented		
Student Success—		☐ Identified		
Course Modality		☐ Resources Allocated		
Course Modality		\square Implemented		
Degrees and		☐ Identified		·
Certificates		☐ Resources Allocated		
Awarded		\square Implemented		

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.