



HANFORD | TULARE | VISALIA

Proposal for Paramedic program at COS

- Industry partners have requested COS investigate or start a Paramedic program for about 5 year.
- Primary industry – Fire Departments; FIRE-medic has a higher employment rate; students who complete the COS Fire Academy need the Paramedic training to get jobs in Visalia Fire Department.
- Over 80% of the 911 calls are medical in nature; more efficient for first responders to be able to respond.
- First responders/Ambulance companies – also have requested COS explore this option. Paramedics are preferred hires over EMT.
- Currently COS offers a 6 unit EMT program and the ___ unit Fire Technology program; we would better serve our students for improved employability and higher wages Paramedic was available.
- Kaweah Health – supports a Paramedic program at COS

Regional Offerings

- West Hills does offer a Paramedic program; not highly utilized by local employers; COS will be faster paced;
- Currently COS approved Saddleback college to host a Paramedic cohort in Visalia with American Ambulance; this will be expiring after one year
- Fresno City ???
- Merced College just got regional approval to start one

Post Secondary supply for paramedics

	Bakersfield					129		129
	Cerro Coso					15		15
	Columbia	0		0		1	1	3
125000 - Emergency Medical Services	Merced					28		28
	Modesto					33		33
	Porterville					63		63
	Sequoias					42	20	62
	Bakersfield	2			5			7
125100 - Paramedic	Fresno City				1			1
	West Hills Lemoore	3	3	8				14
TOTAL		5	3	8	6	310	21	354

Labor Market Information

- Congressional Letter on EMS Workforce shortage – Oct 2021
- Our paramedics and emergency medical technicians (EMTs), as well as the organizations that they serve, take on substantial risk every day to treat and transport patients that call 9-1-1. But our nation's EMS system is facing a crippling workforce shortage, a long-term problem that has been building for more than a decade. It threatens to undermine our emergency 9-1-1 infrastructure and deserves urgent attention by the Congress.
- The most sweeping survey of its kind — involving nearly 20,000 employees working at 258 EMS organizations — found that overall turnover among paramedics and EMTs ranges from 20 to 30 percent annually. With percentages that high, ambulance services face 100% turnover over a four- year period. Staffing shortages compromise our ability to respond to healthcare emergencies, especially in rural and underserved parts of the country.
- The pandemic exacerbated this shortage and highlighted our need to better understand the drivers of workforce turnover. There are many factors. Our ambulance crews are suffering under the grind of surging demand, burnout, fear of getting sick and stresses on their families. In addition, with COVID-19 halting clinical and in-person trainings for a long period of time, our pipeline for staff is stretched even more.
- <https://ambulance.org/2021/10/04/workforceshortage/>

Labor Market Information – Central Valley

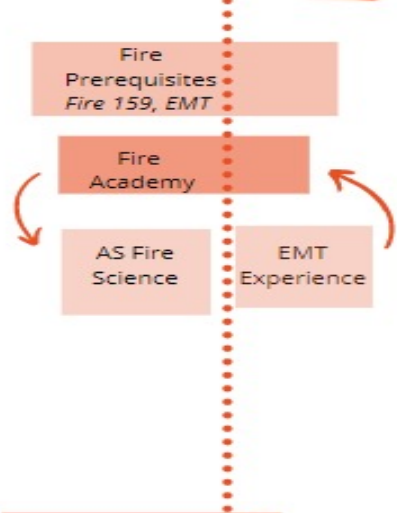
- Occupational Demand-The NCV/NML sub region employed 1,223 workers in paramedic occupations in 2020 (Exhibit 1). The largest occupation is emergency medical technicians and paramedics with 1,223 workers in 2020. This occupation is projected to grow by 6% over the next five years and has the greatest number of projected annual openings, 106.
- Exhibit 1. Paramedic employment and occupational projections in the NCV/NML subregion

Jobs from 2020-2025	Annual openings	5-Year Change	5-Year % Change
• EMT/Paramedics	1,223 1,302 79	6%	106
• TOTAL	1,223 1,302 79	6%	106

Benefits to COS Students

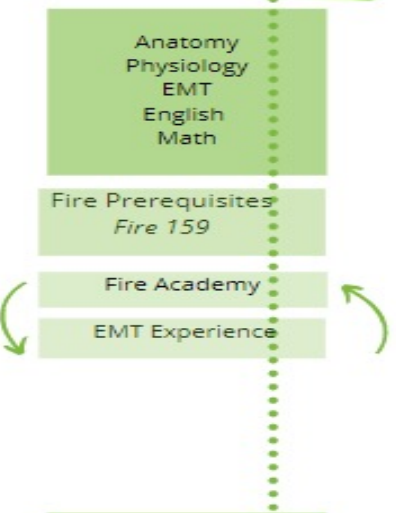
- Guided/GIANT Pathway for Fire Technology and EMT students
- Provides an alternative pathway for pre-nursing students who are not being accepted into the RN program- provides a optional career path into Paramedic
- Division – Fire and Police Pathway
- Located in Hanford in order to align with Fire Technology program
- No space available in Hospital Rock
- One EMT offering in Visalia and one EMT offering in Hanford each semester will provide the pipeline of students needed to fill the cohort

Firefighting Path



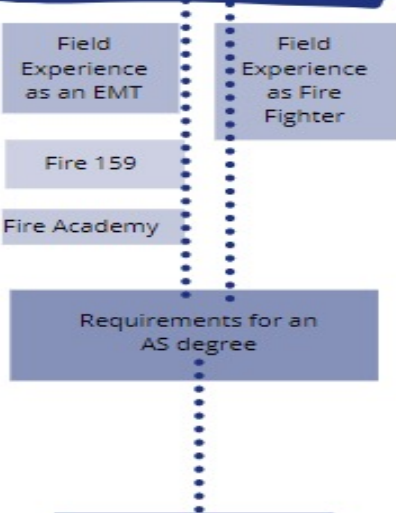
Includes:
3 unit A/P Combo Class;
1 unit Applied A/P Class
AS Degree requirements met above

Allied Health Path



Includes:
1 unit Applied A/P Class
AS Degree requirements not met above

Credit for Prior Learning Path



Includes:
3 unit A/P Combo Class;
1 unit Applied A/P Class
AS Degree requirements not met

Proposed program -*Fast paced modular format*

Summer 2023

- Applied Anatomy/Physiology for Paramedic – 4 units
- Paramedic Preparation – 4 units

Fall 2023

- Paramedic Theory – 14 units

Spring 2024

- Paramedic Internship – 12 units/clinical hours

Proposed costs

- Full time Paramedic faculty/program coordinator \$100,000/year
- Full time faculty benefits \$35,000/year
- Medical Director to oversee clinical experiences \$15,000/year
- Adjunct faculty – 4 @ \$25,000 \$100,000/year
- Equipment \$200,000-300,000-initial investment

SW 6 funds allocated up to \$350,000 for development
VTEA/Perkins eligible for ongoing equipment

Proposed Timeline

Activity	Lead	Target Term					
		Spring 2022	Summer 2022	Fall 2022	Spring 2023	Summer 2023	Fall 2023
Curriculum form	Jonna	█					
Skelton Outline Finalized	Paramedic	█					
Advisory Meeting	Kristin	█					
Space/Office Allocation	Kristin		█				
Draft courses	All		█				
Input into Courseleaf	Paramedic			█			
Courseleaf Launch	Paramedic			█			
Start Recruitment	Kristin/Jonna			█			
Application Deadline	All				█		
Program Launch	All					█	
Accreditation Process Started	All						█

Program Goals

- Recruit a diverse applicant pool
- Utilize prerequisites to ensure student success
- Graduate up to 24 Paramedics each spring starting spring 2024
- Pass rate on the national skills demo of 90%
- Employment rate at 90% of those seeking Paramedic or Fire-medical jobs within 6 months of completion.

COLLEGE OF THE SEQUOIAS