

**IMPERIAL COMMUNITY COLLEGE DISTRICT**  
**REVIEW OF CAREER TECHNICAL EDUCATION TRAINING PROGRAMS**  
**2016**

**EMERGENCY MEDICAL SERVICES**

**I. Program Description**

The Emergency Medical Services program prepares the student for licensure as a Paramedic (EMT-P) and to care for the sick and injured at the scene of an emergency and/or during transport to a healthcare facility.

**A. Degree**

Associate in Science, Emergency Medical Services (Paramedic)

**B. Certificate**

Certificated of Achievement, Emergency Medical Services (Paramedic)

**II. Career Opportunities**

Emergency Medical Technicians  
 Paramedics

**III. Industry Certification/Accreditation**

Our program is accredited by the Committee on Accreditation of Allied Health Professions in cooperation with the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions

**IV. Industry Recognized Credentials (IRC)**

California State Emergency Medical Technician License  
 California State Emergency Medical Technician-Paramedic License  
 National Registry of EMT's certification

**V. Labor Market Demand**

The Emergency Medical Services program at Imperial Valley College meets a documented labor market demand. Employment trends for this field are derived from a variety of sources. These are listed below:

**A. Employment Trends**

Occupation	TOP Code	SOC Code	2012	Average Job Openings per Year
Emergency Medical Technicians and Paramedics	1251.00	292041	80	3*

\*State Employment Development

**B. Employment Trends Assessment**

For the past 10 years, all of our graduates have been able to find full time employment. Many of our graduates are taking their training to the highest level of EMS career through higher education and leadership roles such as the County EMS Manager. Students may enter as employed Firefighter-EMT and by way of our Paramedic Training Program, now are Firefighter-Paramedics. The students benefit from this in that they get a sizable wage increase. Our community benefits by a higher standard of care by these providers.

**VI. Other Regional Programs**

There are no other similar training programs in Imperial Valley. IVROP does offer a lower level introductory-type of course

**VII. Employment and Completion**

(Based on State Core Measures Report, 2012-2013, 2013-2014 & 2014-2015)

**Core 2:** Completions. Measures completions for Career Technical Education student concentrators. Receipt of a certificate or degree or enrollment in a California four-year public university with or without a degree is considered a completion.

Fiscal Year Planning	Program	Total Completions	IVC Completion Rate	State Avg. Completion Rate
2014-2015	Paramedic	17/18	94.44%	83.11%
2013-2014	Paramedic	22/22	100%	85.25%
2012-2013	Paramedic	11/13	84.62%	90.21%

PERKINS IV Program Performance Trend Report  
 Core Indicator Two – Total Completions – Certifications, Degrees and Transfer  
[https://misweb.cccco.edu/perkins/Core\\_Indicator\\_Reports/Summ\\_coreIndi\\_TOPCode.aspx](https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx)

**Core 3:** Persistence and Transfer. The percent of Career Technical Education student concentrators (students who have successfully completed a minimum of 12 units of related Career Technical Education coursework) who persist in education at the community college level or transfer to a two or four-year institution.

Fiscal Year Planning	Program	Persistence	IVC Resistance Rate	State Avg. Completion Rate
2014-2015	Paramedic	18/24	75%	74.99%
2013-2014	Paramedic	21/24	87.50%	79.49%
2012-2013	Paramedic	8/16	50%	85.58%

PERKINS IV Program Performance Trend Report  
 Core Indicator Three – Persistence and Transfer  
[https://misweb.cccco.edu/perkins/Core\\_Indicator\\_Reports/Summ\\_coreIndi\\_TOPCode.aspx](https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx)

**Core 4:** Student Placement. The percent of Career Technical Education students who have earnings the following year (as found in the unemployment insurance base wage file) or are in an apprenticeship program, or the military.

Fiscal Year Planning	Program	Placements	IVC Placement Rate	State Avg. Completion Rate
2014-2015	Paramedic	11/11	100%	82.87%
2013-2014	Paramedic	18/18	100%	91.19%
2012-2013	Paramedic	9/9	100%	93.52%

PERKINS IV Program Performance Trend Report  
Core Indicator Four – Employment

[https://misweb.cccco.edu/perkins/Core\\_Indicator\\_Reports/Summ\\_coreIndi\\_TOPCode.aspx](https://misweb.cccco.edu/perkins/Core_Indicator_Reports/Summ_coreIndi_TOPCode.aspx)

Pursuant to the FCMAT report, CTE programs are also being evaluated for student demand, certificate and program completion, local labor demand, and a facility utilization for CTE programs in the new CTE building.

## VIII. Enrollment Trends

Course	Year	Sections	Avg. Class	Fill Rate
EMTP200	2014-2015	0	0	0%
EMTP200	2013-2014	1	12	60%
EMTP200	2012-2013	1	12	60%

Course	Year	Sections	Avg. Class	Fill Rate
EMTP210	2014-2015	1	18	90%
EMTP210	2013-2014	1	12	60%
EMTP210	2012-2013	1	12	60%

Course	Year	Sections	Avg. Class	Fill Rate
EMTP215	2014-2015	1	15	75.00%
EMTP215	2013-2014	1	12	100.00%
EMTP215	2012-2013	0	0	0.00%

Course	Year	Sections	Avg. Class	Fill Rate
EMTP225	2014-2015	1	15	100.00%
EMTP225	2013-2014	1	12	100.00%
EMTP225	2012-2013	2	7.5	37.50%

Course	Year	Sections	Avg. Class	Fill Rate
EMTP235	2014-2015	1	12	60%
EMTP235	2013-2014	1	8	40%
EMTP235	2012-2013	1	15	75%

Course	Year	Sections	Avg. Class	Fill Rate
EMTP245	2014-2015	1	12	60%
EMTP245	2013-2014	1	8	40%
EMTP245	2012-2013	1	15	75%

**IX. Completions**

	2014-2015		2013-2014		2012-2013	
	Degrees	Certificates	Degrees	Certificates	Degrees	Certificates
Emergency Medical Services	0	6	5	5	1	12

**X. FTES/FTEF Analysis**

Year	FTES	FTEF	FTES/FTEF
2014-2015	79.24	8.9	8.9
2013-2014	53.78	8.9	6.04
2012-2013	108.59	11.53	9.42

**XI. Facility Utilization Plan**

In August 2014, we opened a new training facility. We do not anticipate needing additional space in the near future but might require an additional classroom in the future if other programs (Administration of Justice and Fire) continue to expand. We currently use a classroom/lab for paramedic courses and a separate classroom for the EMT courses.

**XII. SWOT Analysis**

<p><b>Strengths</b>            IVC's EMT courses and Paramedic Program are well respected by agencies that employ paramedics and EMTs. Instructors are familiar with and competent to teach the current National Standard Curriculum for both EMT and Paramedic level courses.</p>	<p><b>Weaknesses</b>            It has been difficult to get an adequate number of qualified field preceptors for students. Due to a labor wage dispute, the local ambulance company fired nearly all of the preceptors the program had used in the past. This required that we be very flexible in placing students for field training.</p>
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<p><b>Opportunities</b></p> <p>Through IVC's cooperation we have been able to keep our program going. We anticipate improvement in the number of applications we receive because we have a good program that prepares our students well for a career in EMS. That, plus our continuing efforts to market our program to local provider agencies and surrounding to counties will hopefully help regain our applicant numbers. Our program costs the student less than half of the cost of a private school program on the coast. Our student success rate is very good and employment placement has been high in spite of the work conditions locally. We simply need to get the word out to the community.</p>	<p><b>Threats</b></p> <p>Low enrollment in the Paramedic Program has become a threat to our program. The number of applicants has dropped significantly over the years. The opening of additional Paramedic training programs in surrounding counties has greatly decreased the number of applicants from those counties. In addition, the labor wage dispute between employees and the contracted ambulance service (with the County) has caused the profession to get a bad reputation as a low-paying profession and an unstable career choice.</p> <p>We are able to attract local students by advertising the program local agencies that employ EMT's who want to advance to the paramedic level.</p>
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**XIII. Program Evaluation**

The Emergency Medical Services program has very strong performance in certificate awards. Perkins performance is consistent with State averages. Projected labor market demand is low at 3 projected openings per year. Fill rates are low compared to other programs. Degree completers is low except in 2013-2014. Very consistent certificate awards. Productivity ratio is low at 9.42 which is very typical of these type of CTE programs.

**XIV. Recommendations**

It is recommended that the Emergency Medical Services program continue at Imperial Valley College with monitoring of the labor market demand to ensure that there are local job opportunities for program completers. Additionally, the usefulness or adequacy of the degree program should be evaluated given the low number of degree completers.