

Comprehensive Program Review 2021-22: **Public Safety Training Center (PSTC)**

Presentation to the MPC Board of Trustees
November 16, 2022

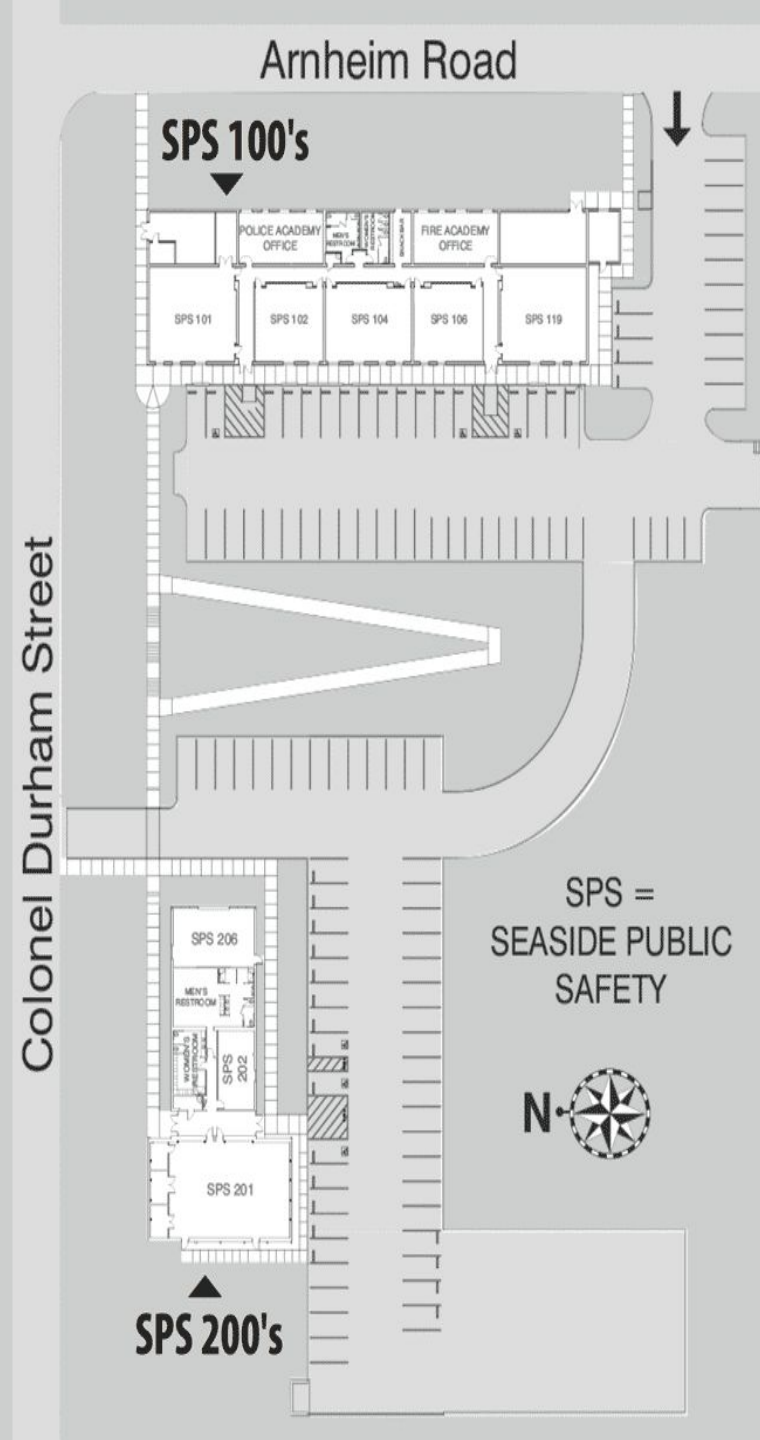


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- ❖ Overview of MPC's Public Safety Training Center
- ❖ Spotlight **Emergency Medical Technician**
- ❖ Spotlight **Fire Protection Technology**
- ❖ Spotlight **Law Enforcement**

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Overview of MPC PSTC Programs



Emergency Medical Services Program

Preparing students to pass the National Registry EMT (NREMT) exam and enter into fire, EMS, or medical careers.



Fire Protection Technology Program

Preparing students for a career, and advancement, in the fire service.



Law Enforcement Training Program

Preparing students for a career, and advancement, in Police Service.



PSTC Programs Support the MPC Mission

Monterey Peninsula College...
welcomes all students seeking to

enrich their lives,
advance their careers,
complete certificates,
earn associate degrees, and
transfer to continue their education.

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PSTC Programs Support MPC's Institutional Goals / Educational Master Plan

Goal 1: Excellent Education: Provide programs and services that meet student and community needs.

Goal 2: Completion Culture: Provide programs, resources, and services that empower students to achieve their educational goals.

Goal 3: Innovative Environment: Provide state-of-the-art and sustainable learning environments, technology, and facilities to support student success.





What each Public Safety area will cover today:

- ❖ Program offerings
- ❖ Students served
- ❖ Student success
- ❖ Current resources
- ❖ Industry Partnerships
- ❖ Program needs
- ❖ Future directions/plans





Monterey Peninsula College:

Emergency Medical Technician Program

Aletha Parker, MPC EMMS Program Coordinator

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EMS Program Offerings

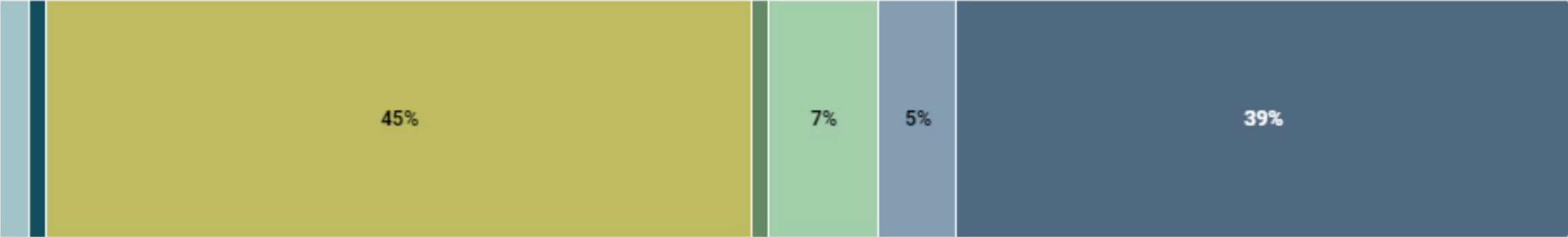


- ❖ One semester program
- ❖ Certificate of Achievement
- ❖ Certificate of Completion
- ❖ Eligible to sit for NREMT Exam
 - **NREMT** = National Registry of Emergency Medical Technicians
- ❖ Hybrid recertification class for EMTs needing continuing education and skills check offs.



EMS Students: Race/Ethnicity (F'19-Sp'22 Average)

- American Indian or Alaska Native
- Black or African American
- Native Hawaiian or Other Pacific Islander
- Unknown
- Asian
- Hispanic
- Two or More
- White



*Values of 2% or less are not noted in the visuals above.

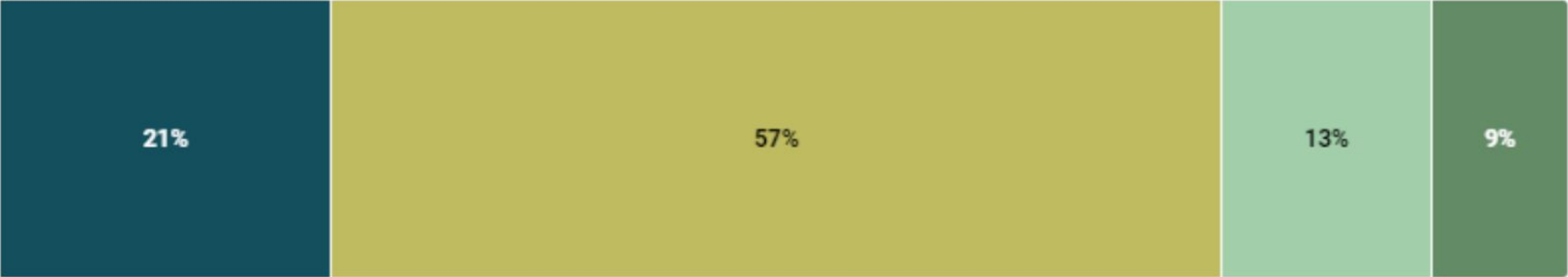
**American Indian or Alaska Native is <1% of the population and is not visible.

EMS Students: Gender (F'19-Sp'22 Average)



EMS Students: Age Group (F'19-Sp'22 Average)

19 or Less 20-29 30-39 40+





EMS Students: Achievement

Course Completions & NREMT Exams Passed

Term	Class Completions	NREMT Exams Taken	Exams Passed	
			Count	Percentage
Fall 2019	46	34	28	83%
Spring 2020				
Fall 2020	35	28	28	100%
Spring 2021	34	26	22	85%
Fall 2021	41	31	27	87%
Spring 2022	27	22	20	91%

Certificates Awarded	
2019-2020	24
2020-2021	64
2021-2022	47



EMT Success Story



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“I was a bit aimless in terms of career choices.

I took the EMT class on a recommendation. I **discovered immediately a love of learning about medicine** and gravitated towards the practical importance of it.

After getting my EMT certification and working briefly as an EMT I returned to MPC to complete my nursing prerequisites.

I graduated from Sac State with a BSN and have been employed for 5 years as a nurse. I work as a vascular access specialist and a GI procedural sedation nurse.”

– *Evan P.*



EMT Success Story



“When I took over the MCI program for our local CERT training, I quickly realized I had to take our simulations to the next level. I knew I needed more medical training. I enrolled in the EMT program.

My teachers at MPC nurtured my desire to understand how our bodies worked and how I could quickly help sick or injured people.

Thanks to my EMT training, I have been able to take my MCI simulations to the next level for CERT classes and for other EMS MCI drills.”

– *Isabelle P.*

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EMS Current Resources

❖ Staffing Demographic Composition

➤ Race/Ethnicity

- Black or African American: 1
- Hispanic: 5
- Pacific Islander: 1
- white: 7

➤ Gender

- Female: 4
- Male: 10

❖ Our staff are well-trained educators and practitioners with vast experience: EMTs, Paramedics, RNs, Midwife, Firefighters

❖ Special equipment requirements: Lifecast mannequins (purchased)

❖ Instructional Materials and Equipment Inventory: extensive, and in great condition





EMS Industry Partnerships

- ❖ MPC Fire Academy
- ❖ South Bay Paramedic Program
- ❖ Community Hospital of the Monterey Peninsula
- ❖ AMR Ambulance Company
- ❖ Monterey County EMS
- ❖ CA Association of EMS Educators
- ❖ National Registry - EMT



EMS Program Needs and Future Directions



- ❖ Preparation for spring program audit by the State of California
- ❖ Adjunct Instructor professional development opportunities to meet the changing standards of implementing EMS training.
- ❖ Training on and use of new simulation mannequins
- ❖ Continue to identify resources and partnerships that promote student success





Monterey Peninsula College:

Fire Protection Technology Program

Greg Greenlee, MPC FPTC Program Coordinator

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FPTC Program Offerings



	AS: Associate of Science Degree	COA: Certificate of Achievement	COC: Certificate of Completion
Basic EMS and Fire Training		●	
Basic Firefighter I Academy		●	
Company Officer	●	●	
Field Training: Firefighter Trainee			●
Fire Protection Technology	●	●	

Additional credentials through State Fire Training available upon completion of training and satisfaction of experience requirements:

- ❖ Firefighter I & II
- ❖ Company Officer
- ❖ Hazardous Materials FRO/Decon

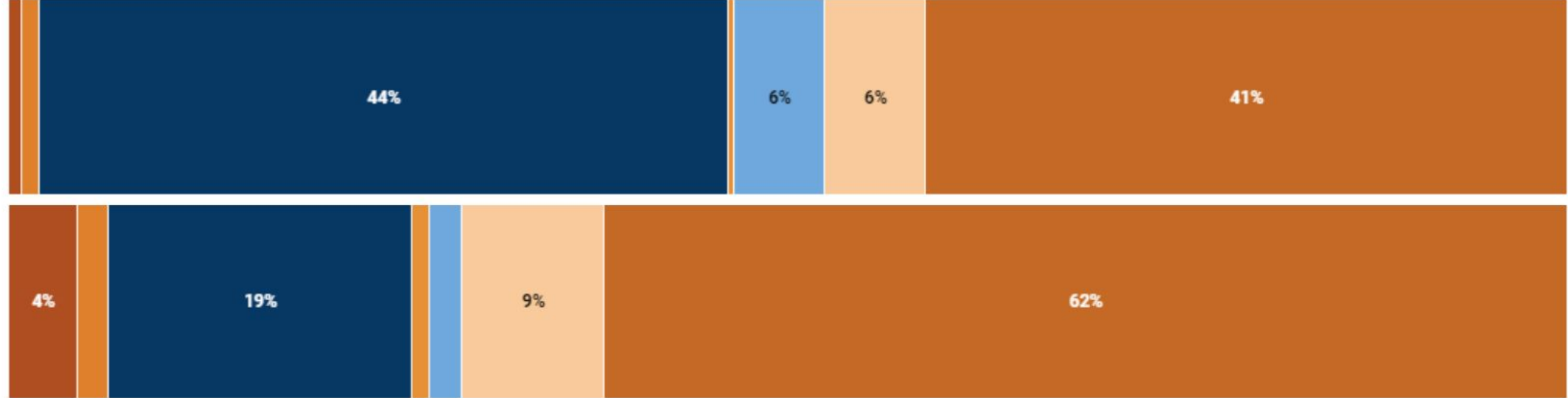
MPC is an Accredited Regional Training Program under California State Fire Training, as part of a 5 year accreditation cycle.



FPTC Students: Race/Ethnicity by Cohort (F'19-Sp'22 Average)



A.S./Cert Seeking



ISA

*Values of 2% or less are not noted in the visuals above.

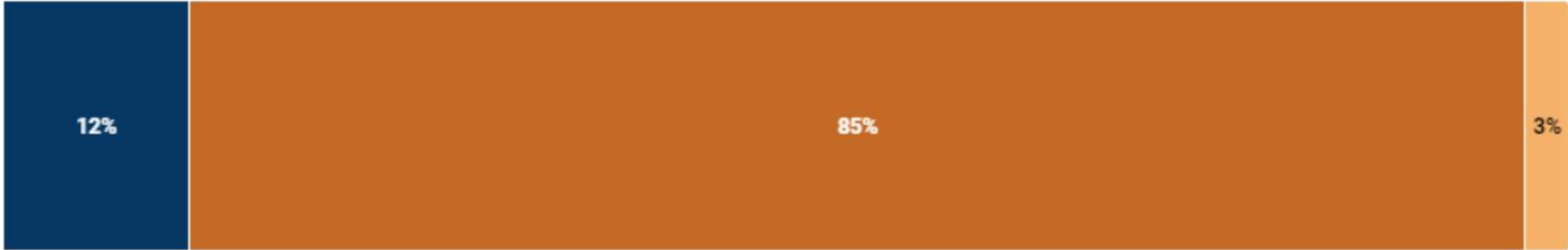
** American Indian or Alaska Native comprise 0.2% of students in both cohorts and are not visible.

When comparing the Race/Ethnicity composition of students in the A.S./Cert Seeking and ISA cohorts within FPTC , we see **a larger percentage of students in the A.S./Cert Seeking cohort are Hispanic and Two or More Races.**

FPTC Students: Gender by Cohort (F'19-Sp'22 Average)

Female Male Unknown

A.S./Cert Seeking



ISA

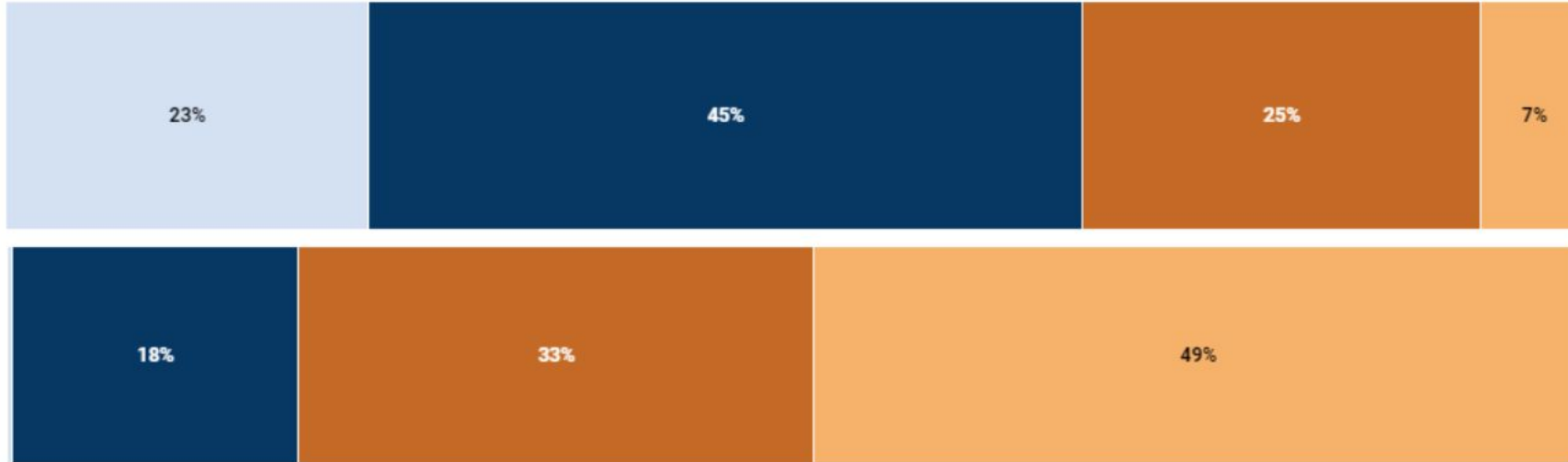
When comparing the Gender composition of students in the A.S./Cert Seeking and ISA cohorts within the FPTC , we see **a larger percentage of students in the A.S./Cert Seeking cohort identify as women.**



FPTC Students: Age Group by Cohort (F'19-Sp'22 Average)

19 or Less 20-29 30-39 40+

A.S./Cert Seeking



ISA

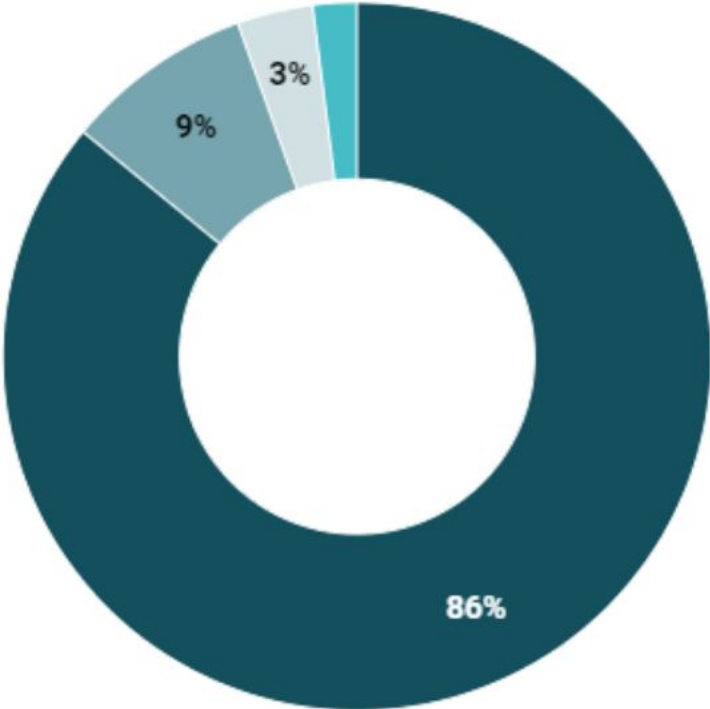
*19 or Less in the ISA cohort is <1% and is not easily visible.

When comparing the Age composition of students in the A.S./Cert Seeking and ISA cohorts within FPTC, we see **a larger percentage of students in the A.S./Cert Seeking cohort are in the 19 or Less and 20-29 age groups.**



FPTC Students: Achievement (F'19-Sp'22 Average)

Successful Not Successful Not Retained Excused Withdrawal



When looking at the grade categories earned by A.S./Cert seeking students, the **vast majority of students, 86%, were successful in their courses.**

*Values of 2% or less are not noted in the visual above.



FPTC Students: Achievement



Certificates Awarded	
2019-2020	19
2020-2021	34
2021-2022	30

A.S. Degrees Awarded	
2019-2020	5
2020-2021	6
2021-2022	7

- ❖ 100% pass rate for Fire Academy graduates taking CSFM Firefighter I certification exam



FPTC Students: Achievement



- ❖ Strategies for recruiting students from underrepresented groups.
- ❖ FPTC 101 course helps students determine their level of preparation for FPTC 105
- ❖ Professional development classes for those in the fire service are offered regularly to support local agency training needs



FPTC Students: Achievement

- ❖ After completion of the MPC Fire Academy
 - 80% or greater placement in fire service (includes part-time)
- ❖ Several Chief Officers in Monterey County Fire Agencies have gone through the MPC FPTC Program
- ❖ Local agencies continue to hire out of our programs
- ❖ Graduates of our program are continually successful in their pre-employment academies due to the high standards set by MPC



FPTC Success Story



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“The training I received while attending the MPCFA gave me a strong foundation for my career in the fire service. The skills & knowledge passed on by the instructors showed me the importance of attention to detail, a great attitude, and having a strong work ethic.

After graduating the academy I felt confident and motivated I could be successful in my pursuit of becoming a full-time firefighter.

This academy has opened up many opportunities for me and I'm grateful to have gone through the experience. Now in my professional career, I'm constantly thinking back to my training in the fire academy and how it has helped me get to where I am today.”

– *Liliana G.* Class 17-2 (Currently employed as a Full Time Firefighter for Seaside Fire Department)



FPTC Current Resources



❖ Staffing

- The addition of P/T Fire Protection Technology Coordinator has greatly improved the support for the FPTC programs
- Ongoing recruitment for FPTC Adjunct Faculty



❖ Facilities

- Ongoing prop development and construction of instructional aids to enhance course deliveries.
- Current agreements with local fire agencies and facilities to provide training sites and ongoing development of agreements with POM FD for live fire training props.





❖ Technology

➤ Dedicated laptop cart for PSTC allows for on-site testing that previously required travel to other campuses

❖ New equipment has been purchased to replace used equipment obtained through donations of used equipment and generally was only serviceable for a few years

- Radios
- Personal Protective Equipment (Firefighter turnouts/helmets)
- Rope Rescue Equipment
- Thermal Imaging Cameras (Fire ground student safety)
- iPads for skills evaluations/demonstrations





- ❖ Close working relationship with EMMS Programs
 - Many students start in EMMS to complete FPTC prerequisites
- ❖ Local Agencies frequently donate surplus equipment to our program:
 - Monterey Fire, Santa Clara County, SoMoCo Fire - Fire Engines
 - Salinas Fire - SCBA Air Compressor
 - Pajaro Fire - Mobile Air Support
 - Salinas Fire - Portable Radios
 - Various Monterey County agencies - Turnouts, PPE, minor fire fighting equipment
- ❖ All local Fire Agencies frequently participate in training with our students
 - CAL FIRE BEU - Fully support the week long Wildland module
- ❖ Monterey County Fire Training Officers Association (Advisory Board)



FPTC Program Needs and Future Directions



- ❖ Permanent (MPC controlled) facilities for live fire training and fire ground skills training are a priority for student success
 - Joe Lloyd Way or MOUT Site development of permanent Public Safety Training Center

- ❖ Facility improvements needed:
 - SCBA Air compressor is a donated unit
 - Props for various SFT courses and testing
 - Reduction of need to travel off-site for facility use

- ❖ PSTC - classroom space and facilities impacted by COVID with the campus being split up geographically.
 - Further expansion of programs (paramedic program)
 - Scheduled use of the PSTC occasionally maxes out the capacity



FPTC Program Needs and Future Directions

- ❖ Working on recruitment opportunities for underrepresented groups in the fire service (Girls Camps for ages 14-18 and 19-23)
- ❖ Recent shift to require NREMT as a prerequisite has impacted the program by creating a barrier to enrollment.
 - We have requested a curriculum change to shift back to requiring EMT course completion
 - To ensure students earn credentials and are employable we will allocate hours in the academy and work closely with EMMS to reinforce training and skills for student success
 - We expect to see an increase in enrollment into the FPTC 105 program





MPC/South Bay Regional Training Consortium: Law Enforcement Program

Edward Flores, Director of Program Services

South Bay Regional Public Safety Training Consortium



Academy and Professional Development Program Offerings

❖ Police Academy

- 24 College Units
- 53 Learning Domains
- Certificate of Achievement
- Traffic Accident Investigation Certificate
- Chemical Agents Certificate
- First Aid/CPR Certificate
- Court Testimony
- Emergency Response
- Racial Profiling

❖ CA POST Courses/Certifications

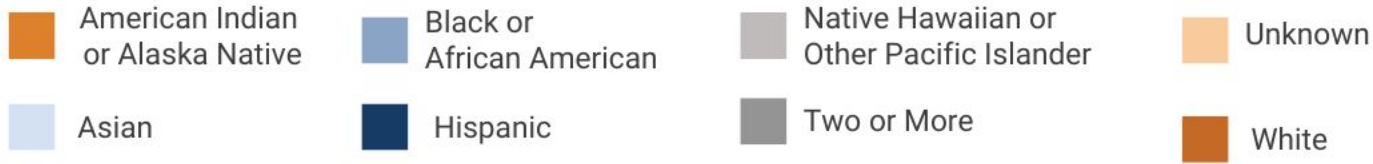
- Supervisor
- Basic and Specialized Investigator Courses
- Instructor Development Courses

❖ Advanced Officer Training

- Agencies from Monterey, Santa Cruz, Santa Clara, San Mateo, Alameda Counties
- 52 Professional Development courses articulated with MPC



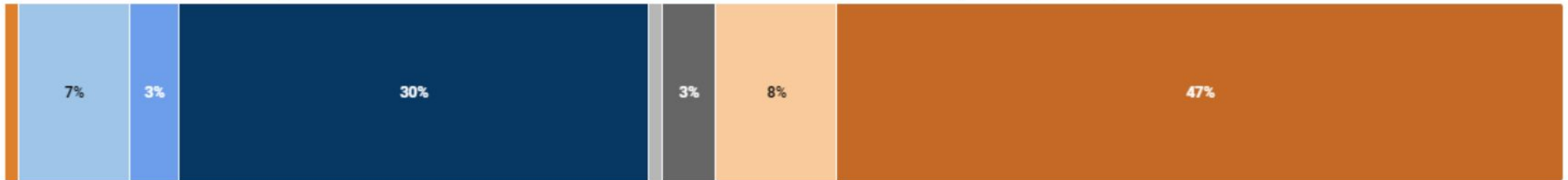
LETP Students: Race/Ethnicity by Cohort (F'19-Sp'22 Average)



Academy



Professional Development



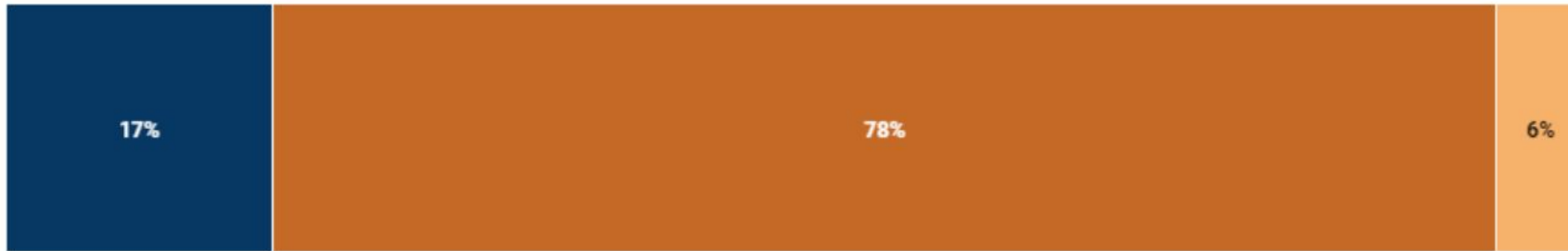
*Values of 2% or less are not noted in the visuals above.

When comparing the Race/Ethnicity composition of students in the Academy and Professional Development cohorts within the LETP, we see **a larger percentage of students in the Academy are Asian, Black or African American, and Hispanic**—this illustrates the diversity of the new generation of Peace Officers being trained in the Academy.

LETP Students: Gender by Cohort (F'19-Sp'22 Average)

Female Male Unknown

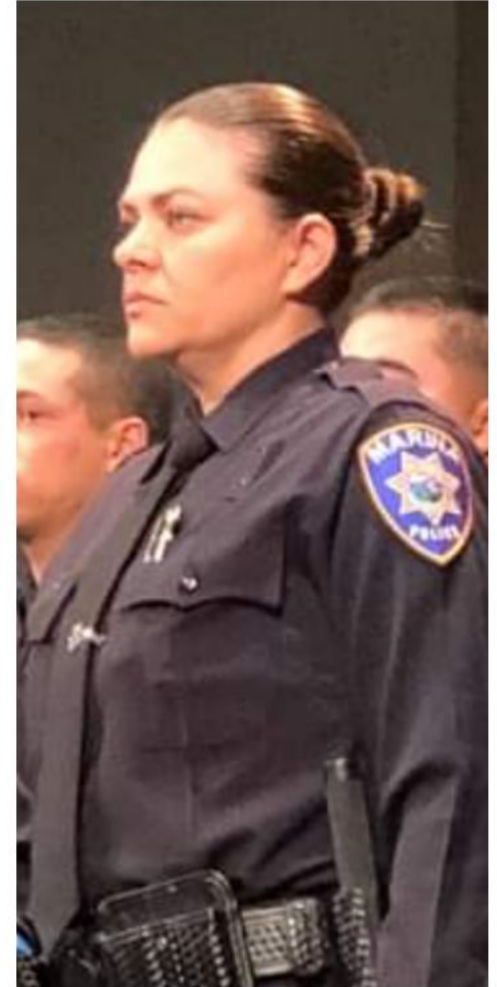
Academy



Professional Development

*Values of 2% or less are not noted in the visuals above.

When comparing the Gender composition of students in the Academy and Professional Development cohorts within the LETP, we see **a larger percentage of students in the Academy identify as women**—this illustrates the diversity of the new generation of Peace Officers being trained in the Academy.



LETP Students: Age Group by Cohort (F'19-Sp'22 Average)

19 or Less 20-29 30-39 40+

Academy



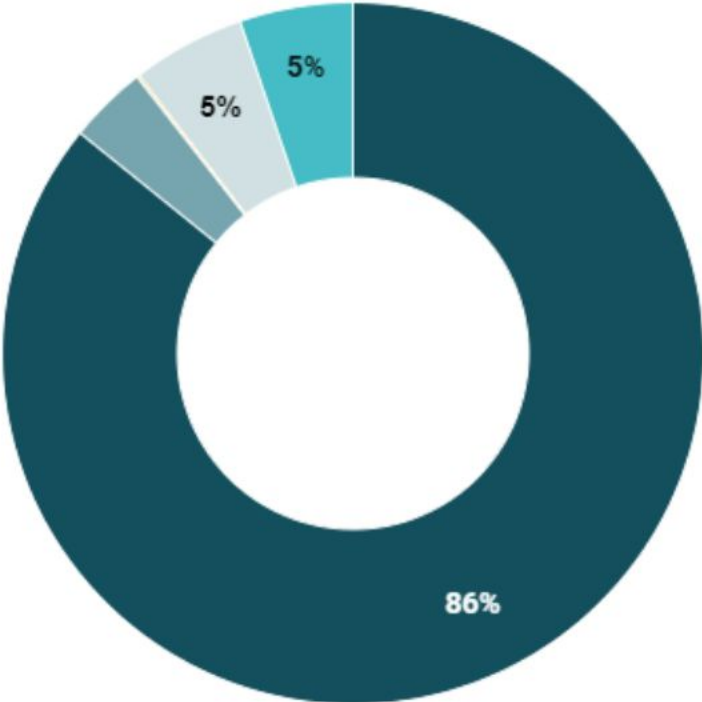
Professional Development

*19 or Less is only present in the PD cohort. It is <1% of the graph and is not visible.

When comparing the Age composition of students in the Academy and Professional Development cohorts within the LETP, **we see a larger percentage of students in the Academy within the 20-29 age group.**

LETP Students: Achievement (F'19-Sp'22 Average)

Successful
 Not Successful
 Other Grades
 Not Retained
 Excused Withdrawal



*Values of 2% or less are not noted in the visuals above.

When looking at the grade categories earned, the **vast majority of students were successful in their courses**. Even though Excused Withdrawals were only granted in Spring 2020, they still had a notable impact in the six semester average you are seeing.

Certificates Awarded	
2019-2020	30
2020-2021	143
2021-2022	120

Law Enforcement Success Story



“I was born and raised in Salinas, CA. I attended Everett Alvarez High School. After graduating from high school I attended Monterey Peninsula College and successfully completed the South Bay Regional Police Academy as a self-sponsor”.

I was hired by the Monterey County Sheriff’s Office, and I was employed for two years with that agency..

In 2018, I transferred to the Salinas Police Department. While being employed by the Salinas Police Department, I have had the opportunity to work patrol, and **I am now a member of the hostage negotiation team, and a CPR/First Aid class instructor.**”

– Officer Ramirez

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Staffing

- ❖ 36 Filled positions
- ❖ Staff demographic composition:
 - **Race/Ethnicity**
 - Black or African American: 1
 - Asian: 6
 - Hispanic: 9
 - Pacific Islander: 1
 - Two or more: 1
 - White: 18
 - **Gender**
 - Female: 19
 - Male: 17
- ❖ 136 Boarded Instructors, Contract Education Instructors

Outreach

- ❖ **Annual Public Safety Job Fair**

Open to the public and prospective applicants; 33 agencies, 350 applicants
- ❖ **Explorer Academy**

Youth interested in pursuing a career in public safety
- ❖ **Employment Preparation Class**

Provided to students interested in improving their employment and interview techniques
- ❖ **Agencies**

Recruiting efforts focused on women and minorities to reflect their communities

- ❖ Written and physical agility testing, pre-test, mentoring, practical testing, one-on-one coaching



LETP Industry Partnerships

- ❖ Monterey County Chief's Advisory Board
- ❖ Training certifications with *all* Monterey County Public Safety Agencies
- ❖ Salinas Police Department for range access
- ❖ Full or part time RTO Officer to support Police Academy

- ❖ Over 170 Public Safety Agencies in California





Program Needs

- ❖ Additional classroom space
- ❖ Regular access to:
 - Shooting ranges.
 - A high speed emergency vehicle operations course.
- ❖ Records Management System

Future Directions

- ❖ Exploring sites and in discussion with MPC about PSTC site development



Summary

The MPC Public Safety Programs Are Committed To:

- recruiting students who represent the communities served by focusing on equity, access, and inclusion
- continuously improving the education, training, and supports offered to students to promote increased student success and employment in living wage careers
- maintaining and expanding strong industry partnerships

Faculty and staff remain hopeful that the future holds improved facilities that further support top tier training and educational opportunities for those seeking careers in Public Safety and for professionals already working in the field.

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Thank you

