

LAKE TAHOE COMMUNITY COLLEGE  
FIRE SCIENCE ADVISORY COMMITTEE MEETING

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THURSDAY MARCH 18, 2021 3:00-4:30PM ZOOM MEETING ID: 973 5198 8606



- Welcome and Introductions
- Bond Updates (Measure F) – Lake Tahoe Basin Public Safety Training Center
- Lake Tahoe Basin Fire Academy (LTBFA) Program Updates
  - CA-State Fire Training program re-accreditation/site-visit
  - Fire Officer and Fire Fighter I Certification Testing Instructor Availability
  - Class 15
  - Graduates
- Program Review Updates
- General Discussion/Feedback from Industry Partners
- Perkins Funding



## Fire Science Advisory Committee Meeting Minutes March 18, 2021

- **Welcome and Introductions**

- Meeting called to order at 4:05 p.m.
- Attendance:
  - Ansel, Rick – Fire Chief, Kirkwood Volunteer Fire Department
  - Anthony, Chris – Staff Chief, CAL FIRE
  - Balint, Elizabeth – Director of Institutional Effectiveness, Lake Tahoe Community College (LTCC)
  - Carr, Kim – Forestry Program Consultant, LTCC
  - Dalton, Nancy – Board Trustee, LTCC
  - Deak, Anthony – Class 15 Squad Leader Lake Tahoe Basin Fire Academy, LTCC
  - Deeds, Brad – Dean of Workforce Development and Instruction, LTCC
  - Drennan, Jim – Battalion Chief, South Lake Tahoe Fire Rescue, Fire Academy Adjunct Faculty
  - Goligoski, Amber – Program Coordinator, Work-Based Learning, LTCC
  - Hughes, Terry – Fire Academy Skills Director/Adjunct Faculty, LTCC; Eastern Alpine Volunteer Fire Department Chief
  - Labrado, Kileigh – Fire Academy Administrative Coordinator/Adjunct Faculty, LTCC; Lake Valley Fire Protection District
  - Leighton, Steve – Assistant Fire Chief, North Tahoe Fire Protection District
  - Marion, Dave – Fire Science Adjunct Faculty, LTCC
  - Martin, Bruce – Fire Science Adjunct Faculty, LTCC; retired Chief, SLTFR
  - Murphy, Carlie – Forestry Education Grants Manager, LTCC
  - Newman, Brian – Captain, CALFIRE
  - Noonan, Sean – Class 15 Commander Fire Academy Cadet, LTCC
  - Pevenage, Steve – Battalion Chief, Lake Valley Fire Protection District
  - Roe, Ed – Fire Academy Equipment Coordinator/Adjunct Faculty, LTCC
  - Reynolds, Shane – Director of Incarcerated Student Program, LTCC
  - Rhone, Jamie – Career and Technical Education Program Specialist, LTCC
  - Savacool, Clive – Fire Chief, South Lake Tahoe Fire Rescue
  - Schafer, Keegan – Fire Science Adjunct Faculty, LTCC; Tahoe Douglas Fire Protection District
  - Zlendick, Brad – Fire Chief, Lake Valley Fire Protection District

- **Bond Updates (Measure F) – Lake Tahoe Basin Public Safety Training Center**

- **Brad Deeds:** Initial project proposal for the Public Safety Training Center was provisionally approved by the State of California. Will continue to meet with agencies on building elements identified as high priority. Will continue to talk the Chiefs about props on tarmac, etc. The storage facility to be shared between public safety and maintenance operations may be split into two separate buildings. Took possession of the mobile training tower in late 2020, it is able for use by Fire Academy and agency partners. Training tower has rappelling/high angle rescue capability.
- **Ed Roe:** Tower has standpipe sprinkler system, lighting, smoke generation with plumbing, on-board tools, generator for lighting, is mobile.
- **Brad Deeds:** Moving the burn building to LVFPD. Grateful to Chief Zlendick.

- **Terry Hughes:** This is to meet the state requirement of California. Will continue to utilize Carson City training grounds as well.
  - **Kileigh Labrado:** Were hoping to use it this year but will probably be next year's class that gets to do most of training with the burn box.
  - **Brad Zlendick:** Glad to support this prop and believes can make this work with support and efforts of all neighboring agencies.
  - **Ed Roe:** The prop looks like a shipping container: 40 foot box, 8 ft. wide by 8 ft. tall. Putting in certain amount of thermal protection so can light fires and experience flame travel, growth heat, and thermal layering, in a controlled environment. Have exit doors and ventilation on both sides. Can light fires and watch layering and fire behavior hundreds of times before this container is done with its useful lifespan.
  - **Clive Savacool:** Air quality management team sets number of days we're allowed to burn.
  - **Brad Zlendick:** The air quality control allows to do burning on structures, as long as it's for fire training. Has to be on approved days; not without its challenges.
  - **Terry Hughes:** Most of all of our burning will be scheduled.
  - **Brad Deeds:** Will be a virtual meeting April 9 with fire academy staff and Chief Caryn Petty of State Fire Training (SFT). LTBFA will be recommended for a 4.5-year accreditation. On a five-year accreditation cycle and received a six-month extension to enable college to get required elements in place (burn building, training tower). Next piece is certification training. Were hopeful to make meaningful progress this year but pandemic taxed our staff in getting it operational; Chief Petty was understanding and told us to break it into different steps. First: moving forward with Firefighter I training for following year's class (2021/22). The instructors who do skills training cannot do the testing/evaluating so will require a larger team.
  - **Bruce Martin:** SFT realigned professional training for Fire Officer series. Each level has five courses and not all are 40 hours like old ones were. Some can be offered as a hybrid or online course. Align with the National Fire Protection Association (NFPA) standards. Can recommend some instructors that might be interested.
  - **Clive Savacool:** Recommend offering full series in sequence so students don't drop off.
- **Lake Tahoe Basin Fire Academy (LTBFA) Program Updates (Class 15)**
    - **Kileigh Labrado:** Class 15 has been bit of a challenge with Covid-19, have done a lot of testing and quarantining but have been able to get through it. Started with 24 cadets, down to 20. The class has been amazing and adaptable to work with. Can't thank all of the Agency partners enough for allowing staff for being there and sharing your facilities, apparatus and equipment.
    - **Anthony Deak:** From the South Bay. Been really cool to see cadets build that camaraderie. Would like to see more regular instructors.
    - **Sean Noonan:** Have been fortunate where someone donated their house to us in Alpine county for training. Thanked the Chief, Engineer Roe, and Miss Labrado for allowing them to punch walls out, break windows, climb ladders, spray hose inside and out. Can't thank administration and agencies enough for their support.
    - **Kileigh Labrado:** Sufficient number of instructors is biggest challenge, but everybody has been stepping up and doing the best they can.
- **Annual Program Review/Updates (2019-2020)**
    - The LTBFA Certificate and Degree is one portion of our fire science program. We also offer Fire Officer and Fire Science degrees, plus the South Bay Regional Public Safety Training Consortium aka the JPA. If you combine all of the student hours for all programs, it's about 366 full-time equivalent students (FTES). The college is about 2000 FTES total. In 2019-2020 we had the highest number of Fire Science students in five years. In 2018-19, we've made some gains in Hispanic/Latinx student percentages. Is a goal of accreditation and something State Fire Training emphasizes. Certificates have increased from seven in 2015-2016 to fifteen in 2019 2020. The LTBFA degree will continue to include EMT because most municipal jobs require paramedic, but the Certificate of Achievement will drop EMT, to maximize outcomes under the student centered funding formula.

- **Clive Savacool:** SLTFR hires strictly paramedics.
  - **Brian Newman:** For CALFIRE, the vast majority of our hires are EMT's but do hire paramedics for some of our cooperative agreements.
  - **Brad Zlendick:** We hire paramedics at LVFPD. Haven't hired anybody in quite some time and haven't had anybody leave.
  - **Keegan Schafer:** Tahoe Douglas Fire Protection District has recently changed gears and now accepting and sending EMTs to an academy. After they graduate, they get to do a year and work on their paramedic, with hopes on getting picked up after probationary year.
- **Feedback from Industry Partners**
    - **Shane Reynolds:** Incarcerated Student Program trying to pilot public safety training at the Growlersburg Conservation Camp. Could open a section for students to start with the Basic 40 or Wildland Firefighter Certification and then identify next steps.
    - **Brad Deeds:** Excited to get training to the inmate population, discussing FIR-167 "Wildland Fire Safety and Hand Crew Operations" course at Growlersburg.
    - **Terry Hughes:** Looking to upgrade mobile ventilation pop, will available to all of agencies around the basin.
    - **Brad Zlendick:** We all need to get some more people involved in the instruction to keep this program moving.
- **Perkins Funding**
    - Perkins funding helps the Career & Technical Education department provide a Quarterly Textbook Lending Program, which provides textbooks for eligible students who are pursuing a CTE degree, certificate, or stand-alone course.
- **Adjournment**
    - The meeting adjourned at 5:30 p.m.

Respectively submitted,  
 Melissa Liggett  
 Career & Technical Education Technician

# 2019-20 ANNUAL PROGRAM REVIEW

## Fire Academy

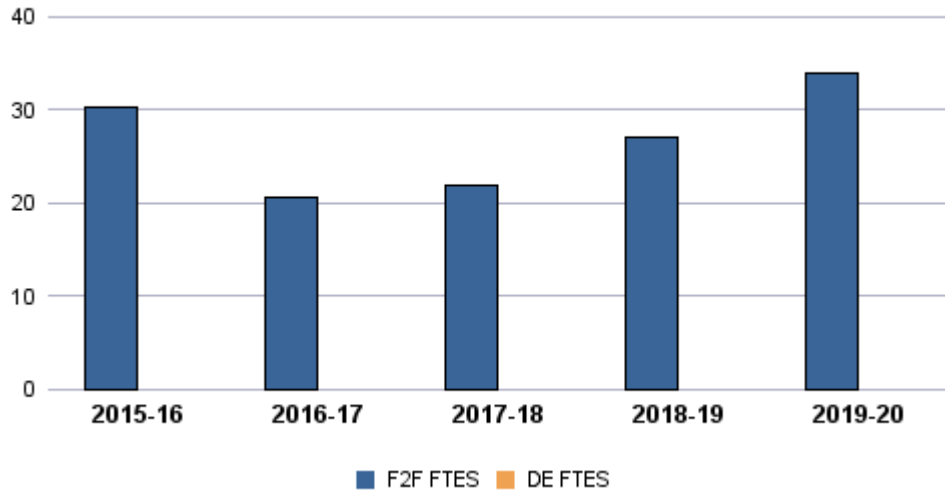


### FIRE ACADEMY SUMMARY

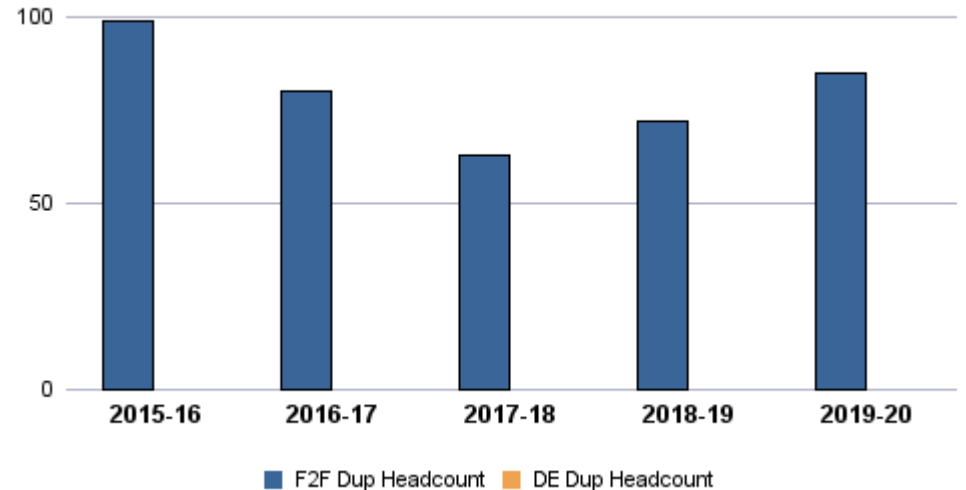
This report contains data from Academic Year (AY) 2015 to 2019. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, and Dual Enrollment are excluded.

	Total Sections	F2F Sections	Dist Ed Sections	Total FTES	F2F FTES	Dist Ed FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount
2015-16	4	4	0	30.22	30.22	0.00	99	99	0
2016-17	3	3	0	20.58	20.58	0.00	80	80	0
2017-18	3	3	0	21.93	21.93	0.00	63	63	0
2018-19	3	3	0	27.15	27.15	0.00	72	72	0
2019-20	3	3	0	33.87	33.87	0.00	85	85	0
4-Yr Chg (15-16 to 19-20)	<b>-25.0%</b>	-25.0%	---	<b>12.1%</b>	12.1%	---	<b>-14.1%</b>	-14.1%	---
1-Yr Chg (18-19 to 19-20)	<b>0.0%</b>	0.0%	---	<b>24.8%</b>	24.8%	---	<b>18.1%</b>	18.1%	---

**RESIDENT FTES**



**DUPLICATED HEADCOUNT**



# 2019-20 ANNUAL PROGRAM REVIEW

## DEMOGRAPHICS

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Male	31	93.9%	25	80.6%	21	84.0%	22	81.5%	25	83.3%
Female	2	6.1%	5	16.1%	3	12.0%	5	18.5%	5	16.7%
Unknown	0	0.0%	1	3.2%	1	4.0%	0	0.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Hispanic	6	18.2%	4	12.9%	5	20.0%	8	29.6%	9	30.0%
Native Amer/Alaska Native	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	27	81.8%	26	83.9%	15	60.0%	18	66.7%	18	60.0%
Two or more races	0	0.0%	1	3.2%	4	16.0%	1	3.7%	1	3.3%
Unknown	0	0.0%	0	0.0%	1	4.0%	0	0.0%	2	6.7%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Age < 25	17	51.5%	17	54.8%	16	64.0%	18	66.7%	14	46.7%
Age 25 - 49	16	48.5%	14	45.2%	9	36.0%	9	33.3%	16	53.3%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Median Age	25		24		23		22		25	
Youngest	17		17		18		17		17	
Oldest	40		45		47		40		42	

## COURSE SUCCESS

	2015-16	2016-17	2017-18	2018-19	2019-20
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# 2019-20 ANNUAL PROGRAM REVIEW

	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	92	100.0%	64	98.4%	49	100.0%	57	93.0%	70	100.0%
Female	6	100.0%	11	100.0%	6	100.0%	12	100.0%	13	92.3%
Unknown	0	0.0%	2	50.0%	0	0.0%	0	0.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Hispanic	15	100.0%	7	100.0%	10	100.0%	18	83.3%	25	96.0%
White Non-Hispanic	83	100.0%	67	97.0%	35	100.0%	48	97.9%	50	100.0%
Two or more races	0	0.0%	3	100.0%	7	100.0%	3	100.0%	2	100.0%
Unknown	0	0.0%	0	0.0%	3	100.0%	0	0.0%	6	100.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	48	100.0%	42	95.2%	32	100.0%	45	93.3%	40	100.0%
Age 25 - 49	50	100.0%	35	100.0%	23	100.0%	24	95.8%	43	97.7%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
F2F	98	100.0%	77	97.4%	55	100.0%	69	94.2%	83	98.8%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

## 2019-20 COURSE STATISTICS

<b>FIRE ACADEMY PRODUCTIVITY* (2019-20):</b>	<b>537.29</b>
<b>% FULL TIME INSTRUCTORS** (2019-20):</b>	<b>0%</b>
<b>% ADJUNCT INSTRUCTORS** (2019-20):</b>	<b>100%</b>

<b>FACE TO FACE</b>	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
FIR-170A-01 LT Basin Fire Academy, Part 1	1	0.0%	0%	100%	30.0	29.0	96.7%	96.6%	11.71	548	0.38	480.00

# 2019-20 ANNUAL PROGRAM REVIEW

FIR-170B-01	LT Basin Fire Academy, Part 2	1	0.0%	0%	100%	28.0	28.0	100.0%	100.0%	11.15	488	0.19	866.96
FIR-170C-01	LT Basin Fire Academy, Part 3	1	0.0%	0%	100%	27.0	26.0	96.3%	100.0%	11.02	493	0.38	432.00
<b>Total</b>		<b>3</b>	<b>0.0%</b>	<b>0%</b>	<b>100%</b>	<b>28.3</b>	<b>27.7</b>	<b>97.6%</b>	<b>98.8%</b>	<b>33.87</b>	<b>1,528</b>	<b>0.95</b>	

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
		---					0.0%					---
<b>Total</b>		---					<b>0.0%</b>					

\* Excludes Summer, noncredit, work experience, internship, and cancelled sections

\*\* Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

\*\*\* Withdrawal and success statistics exclude noncredit classes.



# STUDENT ACHIEVEMENT

## FIRE ACADEMY (FIC)

### SUMMARY

This report contains data related to student achievement, represented by the number of degrees and certificates awarded by the Fire Academy Department. These data may include students enrolled through special programs, such as Incarcerated Students Program, South Bay JPA, and ISSI.

Year	Award Type	Title	# of Awards
2015-16	AA Degree	Fire Academy	1
	Certificate	Fire Academy	7
<b>2015-16 TOTAL:</b>			<b>8</b>
2016-17	AA Degree	Fire Academy	4
	Certificate	Fire Academy	19
<b>2016-17 TOTAL:</b>			<b>23</b>
2017-18	AA Degree	Fire Academy	4
	Certificate	Fire Academy	10
<b>2017-18 TOTAL:</b>			<b>14</b>
2018-19	AA Degree	Fire Academy	3
	Certificate	Fire Academy	19
<b>2018-19 TOTAL:</b>			<b>22</b>
2019-20	AA Degree	Fire Academy	4
	Certificate	Fire Academy	15
<b>2019-20 TOTAL:</b>			<b>19</b>

# 2019-20 ANNUAL PROGRAM REVIEW

## Fire In-Service

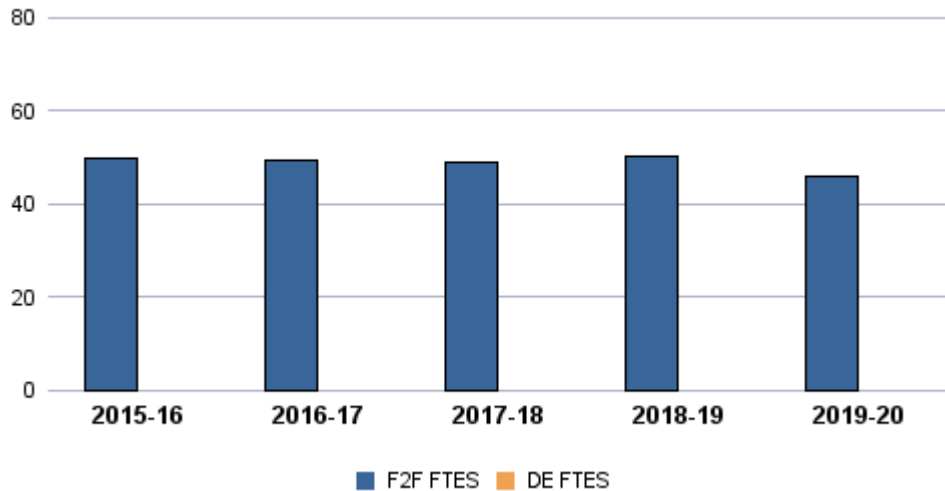


### FIRE IN-SERVICE SUMMARY

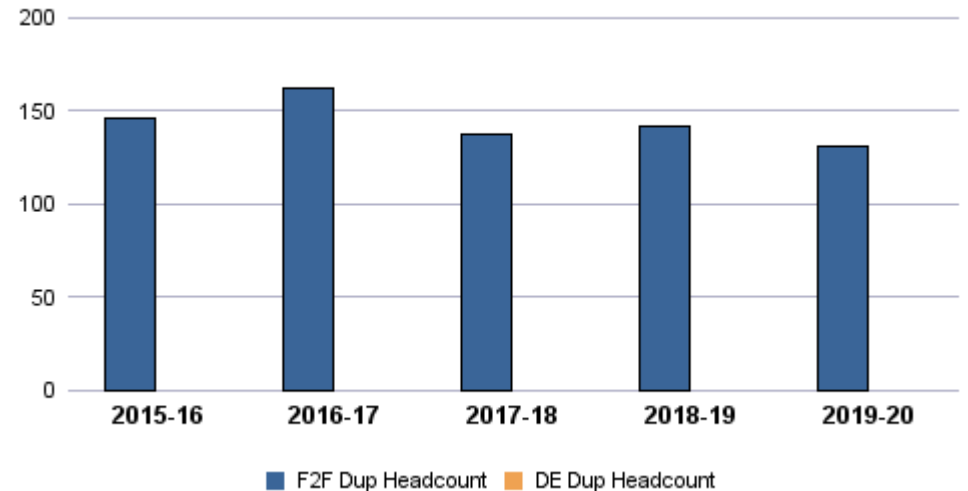
This report contains data from Academic Year (AY) 2015 to 2019. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, and Dual Enrollment are excluded.

	Total Sections	F2F Sections	Dist Ed Sections	Total FTES	F2F FTES	Dist Ed FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount
2015-16	15	15	0	49.77	49.77	0.00	146	146	0
2016-17	14	14	0	49.58	49.58	0.00	162	162	0
2017-18	13	13	0	48.77	48.77	0.00	137	137	0
2018-19	14	14	0	50.21	50.21	0.00	142	142	0
2019-20	12	12	0	46.11	46.11	0.00	131	131	0
4-Yr Chg (15-16 to 19-20)	-20.0%	-20.0%	---	-7.4%	-7.4%	---	-10.3%	-10.3%	---
1-Yr Chg (18-19 to 19-20)	-14.3%	-14.3%	---	-8.2%	-8.2%	---	-7.7%	-7.7%	---

### RESIDENT FTES



### DUPLICATED HEADCOUNT



# 2019-20 ANNUAL PROGRAM REVIEW

## DEMOGRAPHICS

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Male	138	94.5%	151	93.2%	128	93.4%	133	93.7%	125	95.4%
Female	7	4.8%	10	6.2%	9	6.6%	9	6.3%	6	4.6%
Unknown	1	0.7%	1	0.6%	0	0.0%	0	0.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Hispanic	15	10.3%	17	10.5%	15	10.9%	13	9.2%	11	8.4%
Native Amer/Alaska Native	1	0.7%	1	0.6%	1	0.7%	1	0.7%	1	0.8%
White Non-Hispanic	117	80.1%	133	82.1%	111	81.0%	118	83.1%	111	84.7%
Two or more races	9	6.2%	9	5.6%	8	5.8%	9	6.3%	6	4.6%
Unknown	4	2.7%	2	1.2%	2	1.5%	1	0.7%	2	1.5%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Age < 25	1	0.7%	0	0.0%	0	0.0%	1	0.7%	1	0.8%
Age 25 - 49	128	87.7%	147	90.7%	120	87.6%	126	88.7%	112	85.5%
Age 50 +	17	11.6%	15	9.3%	17	12.4%	15	10.6%	18	13.7%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Median Age	39		38		40		39		40	
Youngest	24		23		26		23		24	
Oldest	59		60		61		58		67	

## COURSE SUCCESS

# 2019-20 ANNUAL PROGRAM REVIEW

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	137	94.9%	131	94.7%	127	96.9%	133	98.5%	125	98.4%
Female	7	85.7%	8	87.5%	9	77.8%	9	100.0%	6	100.0%
Unknown	1	100.0%	1	0.0%	0	0.0%	0	0.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Hispanic	15	86.7%	16	93.8%	14	92.9%	13	100.0%	11	100.0%
Native Amer/Alaska Native	1	100.0%	1	100.0%	1	100.0%	1	100.0%	1	100.0%
White Non-Hispanic	116	94.8%	112	93.8%	111	96.4%	118	98.3%	111	99.1%
Two or more races	9	100.0%	9	88.9%	8	100.0%	9	100.0%	6	100.0%
Unknown	4	100.0%	2	100.0%	2	50.0%	1	100.0%	2	50.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	1	100.0%	0	0.0%	0	0.0%	1	100.0%	1	100.0%
Age 25 - 49	127	94.5%	125	94.4%	119	95.8%	126	99.2%	112	98.2%
Age 50 +	17	94.1%	15	86.7%	17	94.1%	15	93.3%	18	100.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
F2F	145	94.5%	140	93.6%	136	95.6%	142	98.6%	131	98.5%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

## 2019-20 COURSE STATISTICS

FIRE IN-SERVICE PRODUCTIVITY* (2019-20):	142.28
% FULL TIME INSTRUCTORS** (2019-20):	0%
% ADJUNCT INSTRUCTORS** (2019-20):	0%

# 2019-20 ANNUAL PROGRAM REVIEW

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
FIR-162A-L1	Prof. Firefighter Train Part 1	1	0.0%	0%	0%	1.0	1.0	100.0%	100.0%	0.19	8	0.17	16.00
FIR-162A-S1	Prof. Firefighter Train Part 1	1	0.0%	0%	0%	10.0	10.0	100.0%	80.0%	1.64	83	0.17	160.00
FIR-162A-T1	Prof. Firefighter Train Part 1	1	0.0%	0%	0%	3.0	3.0	100.0%	100.0%	0.51	25	0.17	48.00
FIR-162B-L1	Prof. Firefighter Train Part 2	1	0.0%	0%	0%	2.0	2.0	100.0%	100.0%	0.77	34	0.35	32.00
FIR-162B-S1	Prof. Firefighter Train Part 2	1	0.0%	0%	0%	8.0	8.0	100.0%	100.0%	3.03	134	0.35	128.00
FIR-162B-T1	Prof. Firefighter Train Part 2	1	0.0%	0%	0%	10.0	10.0	100.0%	100.0%	3.78	168	0.35	160.00
FIR-162C-L1	Prof. Firefighter Train Part 3	1	0.0%	0%	0%	2.0	2.0	100.0%	100.0%	1.14	50	0.52	32.00
FIR-162C-S1	Prof. Firefighter Train Part 3	1	0.0%	0%	0%	9.0	9.0	100.0%	100.0%	4.71	225	0.52	144.00
FIR-162C-T1	Prof. Firefighter Train Part 3	1	0.0%	0%	0%	1.0	1.0	100.0%	100.0%	0.57	25	0.52	16.00
FIR-162D-L1	Prof. Firefighter Train Part 4	1	0.0%	0%	0%	6.0	6.0	100.0%	100.0%	4.30	200	0.69	96.00
FIR-162D-S1	Prof. Firefighter Train Part 4	1	100.0%					0.0%			0		---
FIR-162D-T1	Prof. Firefighter Train Part 4	1	100.0%					0.0%			0		---
FIR-162E-L1	Professional Firefight: Part 5	1	0.0%	0%	0%	11.0	11.0	100.0%	100.0%	10.08	462	0.88	176.00
FIR-162E-S1	Professional Firefight: Part 5	1	100.0%					0.0%			0		---
FIR-162E-T1	Professional Firefight: Part 5	1	100.0%					0.0%			0		---
FIR-191HP-C1	ST: CAL FIRE Training Program	1	0.0%	0%	0%	68.0	68.0	100.0%	100.0%	15.39	680	0.21	1,088.00
<b>Total</b>		<b>16</b>	<b>25.0%</b>	<b>0%</b>	<b>0%</b>	<b>10.9</b>	<b>10.9</b>	<b>100.0%</b>	<b>98.5%</b>	<b>46.11</b>	<b>2,092</b>	<b>4.90</b>	

DISTANCE EDUCATION		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
			---					0.0%					---
<b>Total</b>			---					<b>0.0%</b>					

\* Excludes Summer, noncredit, work experience, internship, and cancelled sections

\*\* Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

\*\*\* Withdrawal and success statistics exclude noncredit classes.

# 2019-20 ANNUAL PROGRAM REVIEW

## Fire Science

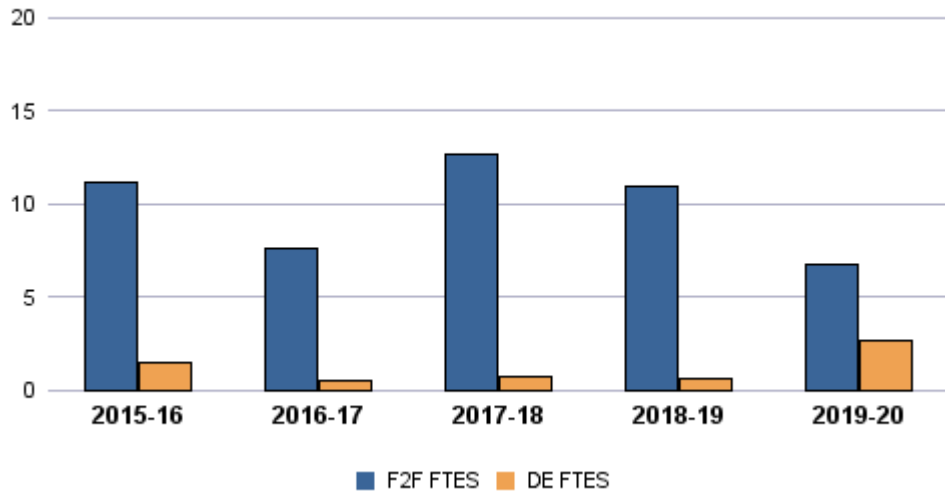


### FIRE SCIENCE SUMMARY

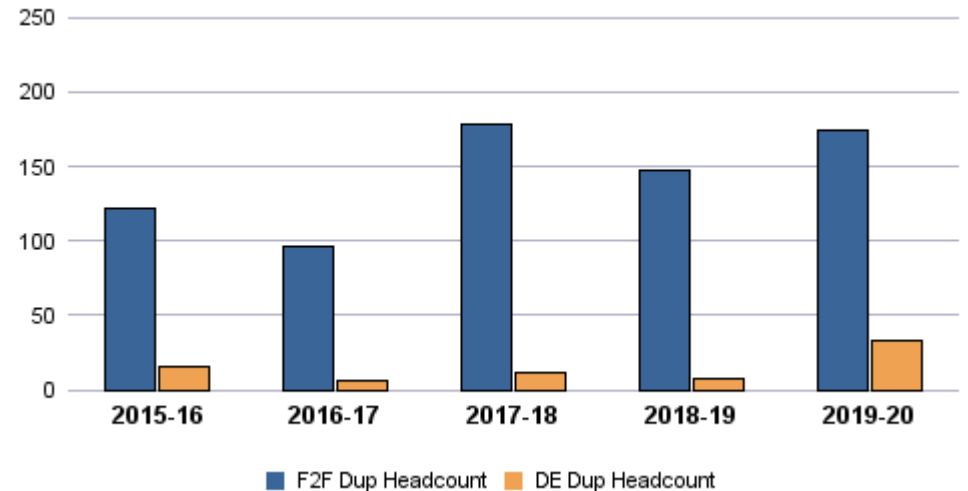
This report contains data from Academic Year (AY) 2015 to 2019. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, and Dual Enrollment are excluded.

	Total Sections	F2F Sections	Dist Ed Sections	Total FTES	F2F FTES	Dist Ed FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount
2015-16	11	9	2	12.55	11.13	1.42	138	122	16
2016-17	13	12	1	8.17	7.64	0.53	102	96	6
2017-18	16	14	2	13.41	12.70	0.71	189	178	11
2018-19	16	15	1	11.62	11.00	0.62	154	147	7
2019-20	12	10	2	9.46	6.80	2.67	207	174	33
4-Yr Chg (15-16 to 19-20)	9.1%	11.1%	0.0%	-24.6%	-38.9%	87.5%	50.0%	42.6%	106.3%
1-Yr Chg (18-19 to 19-20)	-25.0%	-33.3%	100.0%	-18.6%	-38.2%	328.6%	34.4%	18.4%	371.4%

### RESIDENT FTES



### DUPLICATED HEADCOUNT



# 2019-20 ANNUAL PROGRAM REVIEW

## DEMOGRAPHICS

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Male	99	88.4%	72	87.8%	110	86.6%	112	88.9%	174	91.6%
Female	11	9.8%	8	9.8%	15	11.8%	14	11.1%	16	8.4%
Unknown	2	1.8%	2	2.4%	2	1.6%	0	0.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
African American	13	11.6%	6	7.3%	10	7.9%	5	4.0%	16	8.4%
Asian	3	2.7%	1	1.2%	0	0.0%	2	1.6%	8	4.2%
Hispanic	40	35.7%	19	23.2%	42	33.1%	33	26.2%	51	26.8%
Native Amer/Alaska Native	1	0.9%	1	1.2%	1	0.8%	1	0.8%	4	2.1%
Pacific Islander	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	49	43.8%	49	59.8%	58	45.7%	66	52.4%	94	49.5%
Two or more races	6	5.4%	6	7.3%	14	11.0%	11	8.7%	7	3.7%
Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.5%
Unknown	0	0.0%	0	0.0%	2	1.6%	8	6.3%	9	4.7%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Age < 25	83	74.1%	55	67.1%	93	73.2%	79	62.7%	32	16.8%
Age 25 - 49	29	25.9%	27	32.9%	34	26.8%	44	34.9%	118	62.1%
Age 50 +	0	0.0%	0	0.0%	0	0.0%	3	2.4%	40	21.1%

	2015-16	2016-17	2017-18	2018-19	2019-20
Median Age	22	22	21	22	37
Youngest	16	17	17	16	17
Oldest	42	46	46	52	64

# 2019-20 ANNUAL PROGRAM REVIEW

## COURSE SUCCESS

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	115	95.7%	90	95.6%	159	87.4%	132	97.0%	183	95.6%
Female	16	100.0%	8	100.0%	21	90.5%	17	88.2%	14	85.7%
Unknown	2	100.0%	2	100.0%	2	100.0%	0	0.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
African American	14	100.0%	8	100.0%	14	100.0%	5	80.0%	15	93.3%
Asian	3	100.0%	1	100.0%	0	0.0%	2	100.0%	8	100.0%
Hispanic	51	94.1%	27	96.3%	71	88.7%	42	92.9%	52	96.2%
Native Amer/Alaska Native	2	100.0%	1	100.0%	0	0.0%	1	100.0%	6	100.0%
White Non-Hispanic	56	96.4%	56	94.6%	73	84.9%	77	97.4%	99	92.9%
Two or more races	7	100.0%	7	100.0%	20	95.0%	14	100.0%	7	100.0%
Other	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Unknown	0	0.0%	0	0.0%	4	50.0%	8	100.0%	9	100.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	96	96.9%	73	94.5%	143	89.5%	96	95.8%	38	76.3%
Age 25 - 49	37	94.6%	27	100.0%	39	82.1%	50	96.0%	119	99.2%
Age 50 +	0	0.0%	0	0.0%	0	0.0%	3	100.0%	40	100.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Dist Ed	13	84.6%	5	80.0%	7	85.7%	7	85.7%	26	84.6%
F2F	120	97.5%	90	97.8%	175	88.0%	142	96.5%	171	96.5%
Hybrid	0	0.0%	5	80.0%	0	0.0%	0	0.0%	0	0.0%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.



# 2019-20 ANNUAL PROGRAM REVIEW

## 2019-20 COURSE STATISTICS

FIRE SCIENCE PRODUCTIVITY* (2019-20):	<b>240.74</b>
% FULL TIME INSTRUCTORS** (2019-20):	<b>0%</b>
% ADJUNCT INSTRUCTORS** (2019-20):	<b>70%</b>

FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
FIR-101-01 Fire Protection Organization	1	0.0%	0%	100%	9.0	8.0	88.9%	50.0%	0.62	36	0.08	144.00
FIR-104-01 Bldg Const Fire Protection	1	0.0%	0%	100%	12.0	12.0	100.0%	83.3%	0.98	48	0.08	192.00
FIR-131BD-I1 ST: Fire Control 5A: Aircraft	1	0.0%	0%	100%	8.0	8.0	100.0%	100.0%	0.65	28	0.07	129.52
FIR-131BD-I2 ST: Fire Control 5A: Aircraft	1	0.0%	0%	0%	12.0	12.0	100.0%	100.0%	0.96	42	0.07	192.00
FIR-131BD-I3 ST: Fire Control 5A: Aircraft	1	0.0%	0%	0%	18.0	18.0	100.0%	100.0%	1.44	63	0.07	288.00
FIR-131BF-I1 ST: Fire Control 5B: Aircraft	2	0.0%	0%	50%	44.5	44.5	100.0%	100.0%	1.53	67	0.03	712.00
FIR-131BF-I2 ST: Fire Control 5B: Aircraft	1	0.0%	0%	0%	22.0	22.0	100.0%	100.0%	0.38	17	0.02	352.00
FIR-132-01 FIR Work Experience	3	100.0%					0.0%			0		---
FIR-132-02 FIR Work Experience	3	100.0%					0.0%			0		---
FIR-133-01 Intern-Occupational Work Exp.	4	75.0%			1.0	1.0	100.0%	100.0%	0.13	0	0.00	---
FIR-133-02 Intern-Occupational Work Exp.	2	100.0%					0.0%			0		---
FIR-133-03 Intern-Occupational Work Exp.	1	0.0%			3.0	1.0	33.3%	100.0%	0.11	0	0.00	---
FIR-167-01 WldInd Fire Sfty-Hnd Crw Ops	1	100.0%					0.0%					---
FIR-191HY-01 ST: RT-130: Fireline Safety	1	100.0%					0.0%			0		---
FIR-191JK-01 ST: CAL FIRE Basic Firefight	1	100.0%					0.0%			0		---
<b>Total</b>	<b>24</b>	<b>58.3%</b>	<b>0%</b>	<b>59%</b>	<b>17.4</b>	<b>17.1</b>	<b>98.3%</b>	<b>96.5%</b>	<b>6.80</b>	<b>301</b>	<b>0.43</b>	

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
FIR-102-01 Fundamentals-Fire Prevention	1	0.0%	0%	100%	24.0	19.0	79.2%	89.5%	1.96	96	0.08	384.00
FIR-106-01 Prnc Fire & Emergency Service	1	0.0%	0%	100%	9.0	7.0	77.8%	71.4%	0.71	36	0.08	144.00
<b>Total</b>	<b>2</b>	<b>0.0%</b>	<b>0%</b>	<b>100%</b>	<b>16.5</b>	<b>13.0</b>	<b>78.8%</b>	<b>84.6%</b>	<b>2.67</b>	<b>132</b>	<b>0.17</b>	

\* Excludes Summer, noncredit, work experience, internship, and cancelled sections

\*\* Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

\*\*\* Withdrawal and success statistics exclude noncredit classes.

# STUDENT ACHIEVEMENT

## FIRE SCIENCE (FIR)

### SUMMARY

This report contains data related to student achievement, represented by the number of degrees and certificates awarded by the Fire Science Department. These data may include students enrolled through special programs, such as Incarcerated Students Program, South Bay JPA, and ISSI.

Year	Award Type	Title	# of Awards
2015-16	AA Degree	Fire Science	3
<b>2015-16 TOTAL:</b>			<b>3</b>
2016-17	AA Degree	Fire Science	1
<b>2016-17 TOTAL:</b>			<b>1</b>
2017-18	Certificate	Fire Science	1
<b>2017-18 TOTAL:</b>			<b>1</b>
2018-19	AA Degree	Fire Science	2
	Certificate	Fire Science	1
<b>2018-19 TOTAL:</b>			<b>3</b>
2019-20	AA Degree	Fire Science	1
<b>2019-20 TOTAL:</b>			<b>1</b>

# 2019-20 ANNUAL PROGRAM REVIEW

## South Bay Regional PSTC

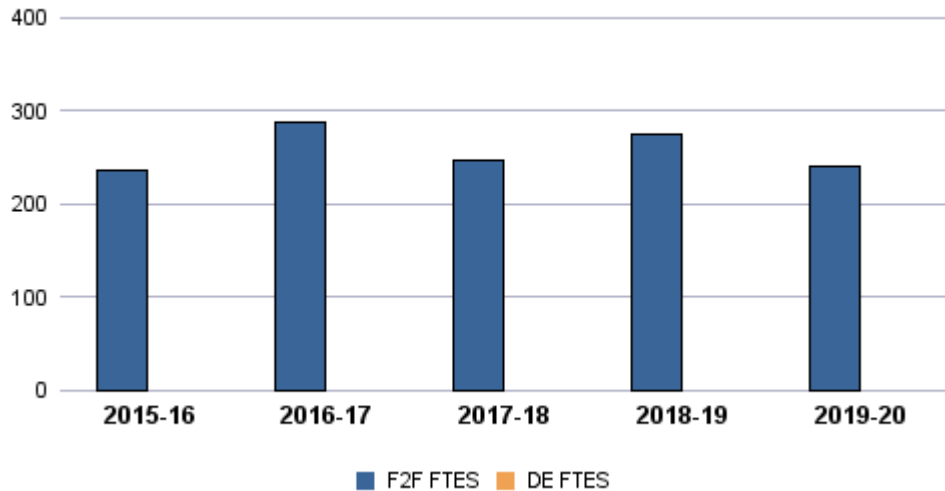


### SOUTH BAY REGIONAL PSTC SUMMARY

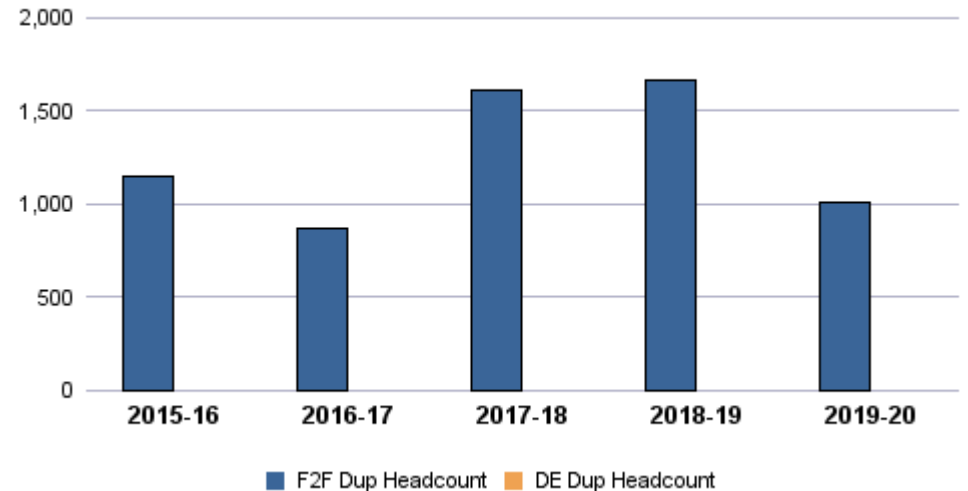
This report contains data from Academic Year (AY) 2015 to 2019. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, and Dual Enrollment are excluded.

	Total Sections	F2F Sections	Dist Ed Sections	Total FTES	F2F FTES	Dist Ed FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount
2015-16	52	52	0	236.03	236.03	0.00	1,150	1,150	0
2016-17	21	21	0	288.03	288.03	0.00	868	868	0
2017-18	34	34	0	247.20	247.20	0.00	1,609	1,609	0
2018-19	55	55	0	274.46	274.46	0.00	1,665	1,665	0
2019-20	45	45	0	240.83	240.83	0.00	1,008	1,008	0
4-Yr Chg (15-16 to 19-20)	-13.5%	-13.5%	---	2.0%	2.0%	---	-12.3%	-12.3%	---
1-Yr Chg (18-19 to 19-20)	-18.2%	-18.2%	---	-12.3%	-12.3%	---	-39.5%	-39.5%	---

**RESIDENT FTES**



**DUPLICATED HEADCOUNT**



# 2019-20 ANNUAL PROGRAM REVIEW

## DEMOGRAPHICS

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Male	836	94.7%	751	95.9%	1,306	91.1%	1,244	88.2%	738	95.1%
Female	45	5.1%	31	4.0%	126	8.8%	166	11.8%	38	4.9%
Unknown	2	0.2%	1	0.1%	1	0.1%	1	0.1%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
African American	40	4.5%	28	3.6%	42	2.9%	56	4.0%	28	3.6%
Asian	40	4.5%	55	7.0%	80	5.6%	98	6.9%	49	6.3%
Hispanic	161	18.2%	172	22.0%	339	23.7%	404	28.6%	174	22.4%
Native Amer/Alaska Native	2	0.2%	3	0.4%	8	0.6%	7	0.5%	7	0.9%
Pacific Islander	7	0.8%	7	0.9%	14	1.0%	13	0.9%	9	1.2%
White Non-Hispanic	489	55.4%	407	52.0%	684	47.7%	682	48.3%	445	57.3%
Two or more races	27	3.1%	20	2.6%	15	1.0%	18	1.3%	6	0.8%
Other	12	1.4%	5	0.6%	16	1.1%	14	1.0%	8	1.0%
Unknown	105	11.9%	86	11.0%	235	16.4%	119	8.4%	50	6.4%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	N	%	N	%	N	%	N	%	N	%
Age < 25	93	10.5%	76	9.7%	48	3.3%	53	3.8%	87	11.2%
Age 25 - 49	697	78.9%	579	73.9%	1,187	82.8%	1,137	80.6%	574	74.0%
Age 50 +	93	10.5%	128	16.3%	198	13.8%	221	15.7%	114	14.7%
Age Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.1%

	2015-16	2016-17	2017-18	2018-19	2019-20
Median Age	36	43	40	39	37
Youngest	15	18	17	16	17
Oldest	65	68	74	75	76

# 2019-20 ANNUAL PROGRAM REVIEW

## COURSE SUCCESS

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	1,090	100.0%	833	99.5%	1,475	98.0%	1,490	97.6%	945	98.4%
Female	57	100.0%	34	97.1%	133	96.2%	173	98.3%	63	100.0%
Unknown	3	100.0%	1	100.0%	1	100.0%	1	100.0%	0	0.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
African American	50	100.0%	36	100.0%	44	100.0%	63	98.4%	35	100.0%
Asian	57	100.0%	67	100.0%	90	100.0%	113	97.3%	66	95.5%
Hispanic	209	100.0%	183	98.9%	355	98.0%	449	97.3%	230	96.1%
Native Amer/Alaska Native	5	100.0%	3	100.0%	8	100.0%	8	75.0%	10	90.0%
Pacific Islander	8	100.0%	7	100.0%	14	100.0%	13	100.0%	12	100.0%
White Non-Hispanic	624	100.0%	444	99.3%	805	97.9%	843	97.9%	577	99.7%
Two or more races	35	100.0%	22	100.0%	16	100.0%	28	100.0%	6	100.0%
Other	16	100.0%	6	100.0%	16	68.8%	15	100.0%	10	100.0%
Unknown	146	100.0%	100	100.0%	261	98.1%	132	97.7%	62	100.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	115	100.0%	76	98.7%	50	92.0%	79	96.2%	134	98.5%
Age 25 - 49	938	100.0%	655	99.4%	1,348	98.0%	1,319	98.4%	751	98.9%
Age 50 +	97	100.0%	137	100.0%	211	98.6%	266	94.4%	122	95.9%
Age Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%

	2015-16		2016-17		2017-18		2018-19		2019-20	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
F2F	1,150	100.0%	868	99.4%	1,609	97.9%	1,664	97.7%	1,008	98.5%

NOTE: Enrollment = duplicated headcount, excluding audits, noncredit, and drops w/ no record.

# 2019-20 ANNUAL PROGRAM REVIEW

## 2019-20 COURSE STATISTICS

<b>SOUTH BAY REGIONAL PSTC PRODUCTIVITY* (2019-20):</b>										<b>414.69</b>
<b>% FULL TIME INSTRUCTORS** (2019-20):</b>										<b>0%</b>
<b>% ADJUNCT INSTRUCTORS** (2019-20):</b>										<b>100%</b>

<b>FACE TO FACE</b>	<b>Sections Offered</b>	<b>Cancel %</b>	<b>FT % **</b>	<b>Adjunct % **</b>	<b>Avg Census Enroll</b>	<b>Avg End of Term Enroll</b>	<b>Retention % ***</b>	<b>Success % ***</b>	<b>FTES</b>	<b>WSCH</b>	<b>FTEF</b>	<b>Productivity</b>
CRJ-191AD-Z1 ST: Law Enforce Gang Training	1	100.0%					0.0%			0		---
FIR-162A-Z1 Prof. Firefighter Train Part 1	2	0.0%	0%	100%	45.0	45.0	100.0%	100.0%	15.76	716	0.34	693.82
FIR-162A-Z2 Prof. Firefighter Train Part 1	1	0.0%	0%	100%	7.0	7.0	100.0%	100.0%	1.32	58	0.17	112.00
FIR-162A-Z3 Prof. Firefighter Train Part 1	1	0.0%	0%	100%	37.0	37.0	100.0%	94.6%	5.36	305	0.17	592.00
FIR-162A-Z4 Prof. Firefighter Train Part 1	1	0.0%	0%	100%	57.0	57.0	100.0%	100.0%	9.71	470	0.17	912.00
FIR-162A-Z5 Prof. Firefighter Train Part 1	1	0.0%	0%	100%	22.0	22.0	100.0%	100.0%	4.15	182	0.17	352.00
FIR-162A-Z6 Prof. Firefighter Train Part 1	1	0.0%	0%	100%	32.0	32.0	100.0%	96.9%	5.03	264	0.17	512.00
FIR-162B-Z1 Prof. Firefighter Train Part 2	1	0.0%	0%	100%	126.0	126.0	100.0%	97.6%	46.51	2,111	0.35	2,016.00
FIR-162B-Z2 Prof. Firefighter Train Part 2	1	0.0%	0%	100%	20.0	20.0	100.0%	100.0%	7.66	335	0.35	320.00
FIR-162B-Z3 Prof. Firefighter Train Part 2	1	0.0%	0%	100%	28.0	28.0	100.0%	96.4%	10.34	469	0.35	448.00
FIR-170D-Z1 Firefighter I Academy (JPA)	2	0.0%	0%	100%	32.0	32.0	100.0%	100.0%	63.86	2,794	1.73	538.60
FIR-170D-Z2 Firefighter I Academy (JPA)	1	0.0%	0%	100%	32.0	32.0	100.0%	96.9%	26.92	1,328	0.86	512.00
FIR-172D-Z1 Instructor I: Instruc Method	4	25.0%	0%	100%	13.7	13.7	100.0%	97.6%	3.05	144	0.22	218.67
FIR-172D-Z2 Instructor I: Instruc Method	3	33.3%	0%	100%	15.0	15.0	100.0%	100.0%	2.23	105	0.15	240.00
FIR-172D-Z3 Instructor I: Instruc Method	2	0.0%	0%	100%	11.5	11.5	100.0%	100.0%	1.75	81	0.15	184.00
FIR-172E-Z1 Instructor II: Instr Develop	3	66.7%	0%	100%	8.0	8.0	100.0%	100.0%	0.61	28	0.07	128.00
FIR-180F-Z1 FAD/O 1A: Emerg Vehicle Ops	1	0.0%	0%	100%	11.0	11.0	100.0%	90.9%	0.79	36	0.07	176.00
FIR-180G-Z1 FAD/O 1B: Pump Operations	1	0.0%	0%	100%	5.0	5.0	100.0%	100.0%	0.37	16	0.07	80.00
FIR-180G-Z2 FAD/O 1B: Pump Operations	1	0.0%	0%	100%	11.0	11.0	100.0%	90.9%	0.80	36	0.07	176.00
FIR-181A-Z1 Company Officer 2A: HR Mgmt	3	66.7%	0%	100%	4.0	4.0	100.0%	100.0%	0.30	14	0.07	64.00
FIR-181A-Z2 Company Officer 2A: HR Mgmt	1	100.0%					0.0%			0		---
FIR-181B-Z1 Company Officer 2B: Gen Admin	4	75.0%	0%	100%	30.0	30.0	100.0%	100.0%	1.37	60	0.04	480.01
FIR-181B-Z2 Company Officer 2B: Gen Admin	1	0.0%	0%	100%	8.0	8.0	100.0%	100.0%	0.37	16	0.04	128.00
FIR-181C-Z1 Company Ofc 2C: Fire Insp-Invs	2	50.0%	0%	100%	25.0	25.0	100.0%	100.0%	1.90	88	0.07	400.00
FIR-181D-Z1 Company Ofcr 2D: All-Risk Comm	3	66.7%	0%	100%	20.0	20.0	100.0%	100.0%	1.52	70	0.07	320.00

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FIR-181E-Z1	Company Ofc 2E: WldInd Incdnt	1	100.0%					0.0%			0		---
FIR-182A-Z1	Chief Fire Ofcr 3A: HR Mgmt	1	0.0%	0%	100%	13.0	13.0	100.0%	100.0%	0.64	33	0.05	208.00
FIR-182A-Z2	Chief Fire Ofcr 3A: HR Mgmt	1	100.0%					0.0%			0		---
FIR-182B-Z1	Chief Fire Ofcr 3B: Bdgt-Fisc	1	0.0%	0%	100%	21.0	21.0	100.0%	100.0%	0.72	32	0.03	336.00
FIR-182C-Z1	Chief Fire Ofcr 3C: Gen Admin	1	0.0%	0%	100%	15.0	15.0	100.0%	100.0%	0.69	30	0.04	240.00
FIR-182D-Z1	Chief Fire Ofcr 3D: Emerg Serv	1	100.0%					0.0%			0		---
FIR-191HR-Z1	ST: I-300: Intermediate ICS	1	100.0%					0.0%			0		---
FIR-191HU-Z1	ST: Fire Inspector 2A	1	0.0%			17.0	17.0	100.0%	100.0%	0.52	26	0.03	272.00
FIR-191HV-Z1	ST: Fire Inspector 2B	1	0.0%			19.0	19.0	100.0%	100.0%	0.87	38	0.04	304.00
FIR-191HW-Z1	ST: Fire Inspector 2C	1	0.0%			17.0	17.0	100.0%	100.0%	0.52	26	0.03	272.00
FIR-191HX-Z1	ST: Fire Inspector 2D	1	0.0%			17.0	17.0	100.0%	100.0%	1.04	51	0.06	272.00
FIR-191JD-Z2	ST: Firefighter I Academy	1	0.0%	0%	100%	32.0	32.0	100.0%	96.9%	1.77	80	0.05	512.00
FIR-191JM-Z1	ST: California Fire Mechanics	1	0.0%	0%	100%	72.0	72.0	100.0%	100.0%	4.94	216	0.06	1,152.00
HEA-139-Z1	Intro Outdoor Emergency Care	1	100.0%					0.0%			0		---
HEA-140B-Z1	Emergency Medical Technician	2	0.0%	0%	100%	9.0	9.0	100.0%	94.4%	5.50	284	0.66	144.00
HEA-140B-Z2	Emergency Medical Technician	2	0.0%	0%	100%	11.0	11.0	100.0%	90.9%	7.25	347	0.66	176.00
HEA-140B-Z3	Emergency Medical Technician	2	0.0%	0%	100%	6.0	6.0	100.0%	100.0%	4.21	189	0.66	96.00
HEA-140B-Z4	Emergency Medical Technician	1	100.0%					0.0%			0		---
HEA-140D-Z1	Outdoor Emergency Care	1	0.0%	0%	100%	2.0	2.0	100.0%	100.0%	0.48	21	0.22	32.00
HEA-140D-Z2	Outdoor Emergency Care	1	100.0%					0.0%			0		---
<b>Total</b>		<b>66</b>	<b>31.8%</b>	<b>0%</b>	<b>100%</b>	<b>22.4</b>	<b>22.4</b>	<b>100.0%</b>	<b>98.5%</b>	<b>240.83</b>	<b>11,093</b>	<b>8.53</b>	

DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
		---					0.0%					---
<b>Total</b>		---					<b>0.0%</b>					

\* Excludes Summer, noncredit, work experience, internship, and cancelled sections

\*\* Excludes summer assignments. Based on instructional workload and the percentage of workload assigned under full-time contracts versus adjunct contracts

\*\*\* Withdrawal and success statistics exclude noncredit classes.