



Lake Tahoe Community College  
**Fire Science Advisory Committee Meeting Agenda**  
 Wednesday March 23, 2022 (3:00-4:15pm)



- Welcome and Introductions
- **Fire Academy** Annual Program Review (2020-2021)
  - The majority of students are White/Non-Hispanic males, under 25 years of age, with the highest course success rate.
  - FTES has decreased significantly over the last year.
  - There were three degrees and two certificates awarded.

FULL-TIME EQUIVALENT STUDENTS (FTES)	DEMOGRAPHICS	COURSE SUCCESS
<ul style="list-style-type: none"> <li>▪ Total F2F Sections: <b>3</b></li> <li>▪ Total DE Sections: <b>0</b></li> <li>▪ Total Sections: <b>3</b></li> <li>▪ Total FTES: <b>21.74</b></li> <li>▪ Total Duplicated Headcount: <b>65</b></li> <li>▪ 4-YR FTES Change: <b>5.6%</b></li> <li>▪ 1-YR FTES Change: <b>-35.8%</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ Male: <b>83.8%</b></li> <li>▪ Female: <b>16.7%</b></li> <li>▪ Unknown: <b>0%</b></li> <li>▪ African American: <b>4.2%</b></li> <li>▪ Asian: <b>0%</b></li> <li>▪ Hispanic: <b>45.8%</b></li> <li>▪ Native American/Alaskan Native: <b>0%</b></li> <li>▪ Pacific Islander: <b>0%</b></li> <li>▪ White/Non-Hispanic: <b>41.7%</b></li> <li>▪ Two or more races: <b>8.3%</b></li> <li>▪ Other: <b>0%</b></li> <li>▪ Unknown: <b>0%</b></li> <li>▪ Under 25: <b>62.5%</b></li> <li>▪ Age 25-49: <b>37.5%</b></li> <li>▪ 50+: <b>0%</b></li> <li>▪ Median Age: <b>23</b></li> <li>▪ Youngest: <b>17</b></li> <li>▪ Oldest: <b>37</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ Male: <b>98.1%</b></li> <li>▪ Female: <b>90.9%</b></li> <li>▪ Unknown: <b>0.0%</b></li> <li>▪ African American: <b>100%</b></li> <li>▪ Asian: <b>0%</b></li> <li>▪ Hispanic: <b>96.4%</b></li> <li>▪ Native American/Alaskan Native: <b>0%</b></li> <li>▪ Pacific Islander: <b>0%</b></li> <li>▪ White/Non-Hispanic: <b>96.7%</b></li> <li>▪ Two or more races: <b>100%</b></li> <li>▪ Other: <b>0%</b></li> <li>▪ Unknown: <b>0%</b></li> <li>▪ Under 25: <b>97.4%</b></li> <li>▪ Age 25-49: <b>96%</b></li> <li>▪ 50+: <b>0%</b></li> <li>▪ Distance Ed: <b>N/A</b></li> <li>▪ F2F: (<b>63 students*</b>) <b>96.8%</b></li> </ul>
AWARDS	<ul style="list-style-type: none"> <li>▪ AA Degree in Lake Tahoe Basin Fire Academy: <b>3</b></li> <li>▪ Certificate of Achievement in Lake Tahoe Basin Fire Academy: <b>2</b></li> </ul>	

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

- Bond Updates (Measure F) – Lake Tahoe Basin Public Safety Training Center
- Lake Tahoe Basin Fire Academy (LTBFA) Program Updates
  - Class 16/Graduates
- Fire Science Annual Program Review (2020-2021) – Page 2



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- Welcome and Introductions
- **Fire Science** Annual Program Review (2020-2021)
  - The majority of students are White/Non-Hispanic males, under 25 years of age, with the highest course success rate.
  - FTES has decreased significantly over the last four years.
  - There was one degree awarded.

FULL-TIME EQUIVALENT STUDENTS (FTES)	DEMOGRAPHICS	COURSE SUCCESS
<ul style="list-style-type: none"> <li>▪ Total F2F Sections: <b>3</b></li> <li>▪ Total DE Sections: <b>3</b></li> <li>▪ Total Sections: <b>6</b></li> <li>▪ Total FTES: <b>6.14</b></li> <li>▪ Total Duplicated Headcount: <b>76</b></li> <li>▪ 4-YR FTES Change: <b>-24.8%</b></li> <li>▪ 1-YR FTES Change: <b>-35.1%</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ Male: <b>78.9%</b></li> <li>▪ Female: <b>21.1%</b></li> <li>▪ Unknown: <b>0%</b></li> <li>▪ African American: <b>1.8%</b></li> <li>▪ Asian: <b>5.3%</b></li> <li>▪ Hispanic: <b>36.8%</b></li> <li>▪ Native American/Alaskan Native: <b>3.5%</b></li> <li>▪ Pacific Islander: <b>1.8%</b></li> <li>▪ White/Non-Hispanic: <b>47.4%</b></li> <li>▪ Two or more races: <b>3.5%</b></li> <li>▪ Other: <b>0%</b></li> <li>▪ Unknown: <b>0%</b></li> <li>▪ Under 25: <b>49.1%</b></li> <li>▪ Age 25-49: <b>50.9%</b></li> <li>▪ 50+: <b>0%</b></li> <li>▪ Median Age: <b>24</b></li> <li>▪ Youngest: <b>16</b></li> <li>▪ Oldest: <b>44</b></li> </ul>	<ul style="list-style-type: none"> <li>▪ Male: <b>87.5%</b></li> <li>▪ Female: <b>85.7%</b></li> <li>▪ Unknown: <b>0.0%</b></li> <li>▪ African American: <b>100%</b></li> <li>▪ Asian: <b>100%</b></li> <li>▪ Hispanic: <b>91.7%</b></li> <li>▪ Native American/Alaskan Native: <b>100%</b></li> <li>▪ Pacific Islander: <b>100%</b></li> <li>▪ White/Non-Hispanic: <b>87.9%</b></li> <li>▪ Two or more races: <b>0%</b></li> <li>▪ Other: <b>0%</b></li> <li>▪ Unknown: <b>0%</b></li> <li>▪ Under 25: <b>83.3%</b></li> <li>▪ Age 25-49: <b>91.2%</b></li> <li>▪ 50+: <b>0%</b></li> <li>▪ Distance Ed: <b>(38 students*) 84.6%</b></li> <li>▪ F2F: <b>(29 students*) 89.7%</b></li> <li>▪ Hybrid: <b>(3 students*) 66.7%</b></li> </ul>
<b>AWARDS</b>	<ul style="list-style-type: none"> <li>▪ Associate in Art Degree in Fire Science: <b>1</b></li> <li>▪ Certificate of Achievement in Fire Science: <b>0</b></li> </ul>	

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

- South Bay Regional PSTC (JPA) – Total FTES **272.66** (2020-2021)
- Fire In-Service – Total FTES **44.62** (2020-2021)
- Discussion/Feedback from Industry Partners
- Perkins



## **Fire Science Advisory Committee Meeting Minutes March 23, 2022**

### **Welcome and Introductions**

The meeting called to order at 3:01 p.m.

Present: Amaral, Brad (Company Officer Instructor, LTCC), Balint, Elizabeth (Director of Institutional Effectiveness, LTCC), Bell, Brett (Class Commander Lake Tahoe Basin Fire Academy), Bergner, Nicole (Counselor, LTCC), Deeds, Brad (Dean of Workforce Development & Instruction, LTCC), Carr, Kim (KCarr Consulting - Forestry), Cota, Art (Fire Science Adjunct Faculty, LTCC), Drennan, Jim (Battalion Chief, South Lake Tahoe Fire Rescue), Hughes, Terry (Lake Tahoe Basin Fire Academy Training Director, LTCC/Chief, Eastern Alpine Volunteer Fire Department), Labrado, Kileigh (Lake Tahoe Basin Fire Academy Administrative Coordinator, LTCC/Lake Valley Fire Protection District), McHugh, Kevin (Class Commander Lake Tahoe Basin Fire Academy), Murphy, Carlie (Forestry Education Grant Manager, LTCC), Newman, Brian (Chief, Amador-El Dorado Unit, CAL FIRE), Perkins, Grant (Supervisor, California Conservation Corps Tahoe Center), Reynolds, Shane (Director of Incarcerated Student Program, LTCC), Rhone, Jamie (CTE Program Specialist, LTCC), Roe, Ed (Lake Tahoe Basin Fire Academy Equipment Coordinator), Schafer, Keegan (Wildland and Fuels Division Chief, Tahoe Douglas Fire Protection District), Sears, Tony (Board Trustee, LTCC), Tannaci, Isaiah (CTE Coordinator, South Tahoe High School), Whitehouse, Gary (District Director, California Conservation Corps Tahoe Center), Zlendick, Brad (Chief, Lake Valley Fire Protection District)

### **Fire Science Program Annual Program Reviews (2020-2021)**

Full-Time Equivalent Students (FTES) for the Lake Tahoe Basin Fire Academy (LTBFA), has slightly decreased over the last year from 33.87 in 2019-2020 to 21.74 in 2020-2021 due to COVID caps on classroom spacing. The Fire Science program FTES also decreased from 9.46 in 2019-2020 to 6.14 in 2021-2022, also pandemic related. FTES for Fire In-Service remained steady (46.11 in 2019-2020 vs. 44.62 in 2020-2021). The South Bay Regional Public Safety Training Consortium (aka the JPA) FTES increased slightly, from 240.83 in 2019-2020 to 272.66 in 2020-2021. In 2020-2021, there were 45.8% Hispanic students in the LTBFA, an increased percentage vs. years past. LTCC's goal is to better serve communities by diversifying the industry and attracting students in various stages of their careers.

### **Lake Tahoe Basin Fire Academy (LTBFA) Program Updates (Class 16)**

Class 16 currently has 21 students enrolled. Much of the training has been provided in Carson City, Nevada and at Eastern Alpine Fire locations. Additional funding is needed to purchase new Self-Contained Breathing Apparatus (SCBAs) as the current ones are no longer supported by the manufacturer. LTCC will receive \$269,000 to purchase a Ford F-450 utility truck to pull the two-story mobile training tower, a mobile ventilation training unit, a mobile air compressor, and extractors. The required FF1 testing will require numerous personnel and equipment to pull off, an evaluation team is coming up from the South Bay Regional Public Safety Training Consortium (JPA). A job skills interview course was held at Tahoe Douglas Fire Protection District (TDFPD) and many local agencies participated. This course is beneficial for both the agencies and cadets, as everyone from last year's graduation were employed in the fire service and worked the Caldor Fire. Brett Bell, one of this year's Class Commanders, emphasized it has been very exciting to be able to use the new mobile training tower this year. He is also seeing the results of having more training gear and updated materials. He is considering coming back to help teach with the academy. Kevin McHugh, another Class Commander, appreciates the time and dedication the academy team brings to the cadets.

## **Bond Updates (Measure F) –Tahoe Basin Public Safety Training Center (TBPSTC)**

Plans for the TBPSTC, to be located adjacent to the Fitness Education Center, will have external stairways for laddering drills and an observation deck. Permits are in place to build the related equipment storage facility, which will be shared between public safety programs (60% for Fire, 40% for Forestry, EMT, Search and Rescue, Criminal Justice, etc.). A training tarmac is designed to link the proposed building and the equipment storage facility and will be used for training. The TBPSTC is an approximate \$26 million project and LTCC has hired a Senior Director of Government Relations and Grants Development and a lobbying firm to help with funding. SLTFR, Lake Valley, and Tahoe Douglas expressed their full support. TDFR helps support LTCC in various ways. Currently, they are collaborating with LTCC to offer a week-long Wildland course that meets National Wildfire Coordinating Group training requirements for Basic Wildland Fire. CAL FIRE also supports LTCC in many ways with the goal of creating employment opportunities for graduates. The California Conservation Corps (CCCs) partners with LTCC through the Work Experience, General Conservation and Forestry programs.

### **General Discussion**

LTCC is looking to provide training opportunities to students in the Growlersberg Conservation Camp. CAL FIRE has already been helping to provide some certifications and skills to allow students to transition into gainful employment.

### **Perkins**

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 or certificate.

### **Adjournment**

The meeting adjourned at 4:12 p.m.

Respectively submitted,

Melissa Liggett Career & Technical Education Technician

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Academy

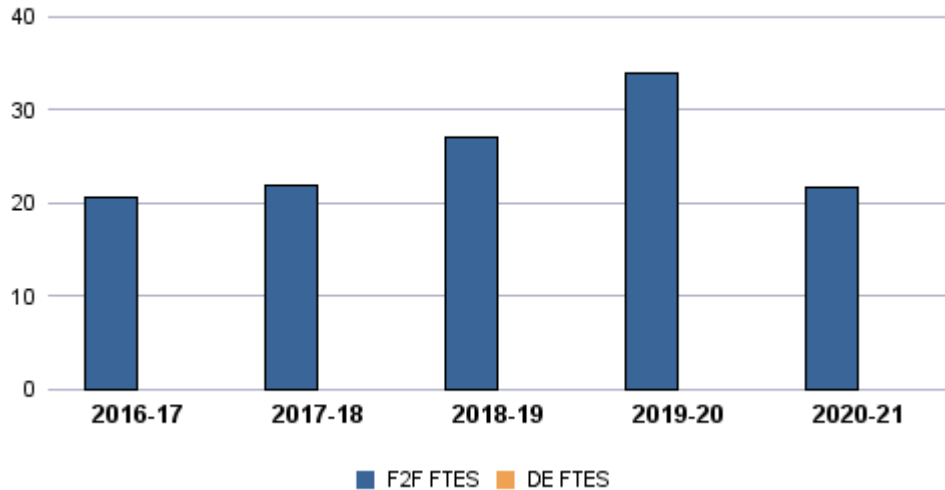


### FIRE ACADEMY SUMMARY

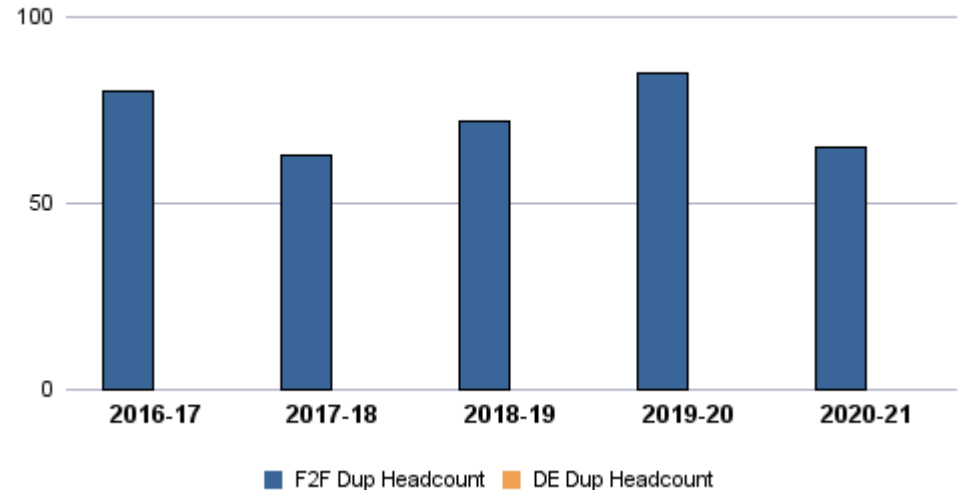
This report contains data from Academic Year (AY) 2016 to 2020. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, 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
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
2020-21	3	3	0	21.74	21.74	0.00	65	65	0
4-Yr Chg (16-17 to 20-21)	0.0%	0.0%	---	5.6%	5.6%	---	-18.8%	-18.8%	---
1-Yr Chg (19-20 to 20-21)	0.0%	0.0%	---	-35.8%	-35.8%	---	-23.5%	-23.5%	---

**RESIDENT FTES**



**DUPLICATED HEADCOUNT**



# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Academy

### DEMOGRAPHICS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Male	25	80.6%	21	84.0%	22	81.5%	25	83.3%	20	83.3%
Female	5	16.1%	3	12.0%	5	18.5%	5	16.7%	4	16.7%
Unknown	1	3.2%	1	4.0%	0	0.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
African American	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	4.2%
Hispanic	4	12.9%	5	20.0%	8	29.6%	9	30.0%	11	45.8%
Native Amer/Alaska Native	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	26	83.9%	15	60.0%	18	66.7%	17	56.7%	10	41.7%
Two or more races	1	3.2%	4	16.0%	1	3.7%	2	6.7%	2	8.3%
Unknown	0	0.0%	1	4.0%	0	0.0%	2	6.7%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Age < 25	17	54.8%	16	64.0%	18	66.7%	14	46.7%	15	62.5%
Age 25 - 49	14	45.2%	9	36.0%	9	33.3%	16	53.3%	9	37.5%

	2016-17	2017-18	2018-19	2019-20	2020-21
Median Age	24	23	22	25	23
Youngest	17	18	17	17	17
Oldest	45	47	40	42	37

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Academy

### COURSE SUCCESS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	64	98.4%	49	100.0%	57	93.0%	70	100.0%	52	98.1%
Female	11	100.0%	6	100.0%	12	100.0%	13	92.3%	11	90.9%
Unknown	2	50.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
African American	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Hispanic	7	100.0%	10	100.0%	18	83.3%	25	96.0%	28	96.4%
White Non-Hispanic	67	97.0%	35	100.0%	48	97.9%	47	100.0%	30	96.7%
Two or more races	3	100.0%	7	100.0%	3	100.0%	5	100.0%	4	100.0%
Unknown	0	0.0%	3	100.0%	0	0.0%	6	100.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	42	95.2%	32	100.0%	45	93.3%	40	100.0%	38	97.4%
Age 25 - 49	35	100.0%	23	100.0%	24	95.8%	43	97.7%	25	96.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
F2F	77	97.4%	55	100.0%	69	94.2%	83	98.8%	63	96.8%

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

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Academy

### 2020-21 COURSE STATISTICS

FIRE ACADEMY PRODUCTIVITY* (2020-21):										<b>346.67</b>		
% FULL TIME INSTRUCTORS** (2020-21):										<b>0%</b>		
% ADJUNCT INSTRUCTORS** (2020-21):										<b>100%</b>		

FACE TO FACE		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%	24.0	24.0	100.0%	91.7%	8.10	384	0.33	384.00
FIR-170B-01	LT Basin Fire Academy, Part 2	1	0.0%	0%	100%	21.0	21.0	100.0%	95.2%	7.03	336	0.33	336.00
FIR-170C-01	LT Basin Fire Academy, Part 3	1	0.0%	0%	100%	20.0	20.0	100.0%	95.0%	6.61	320	0.33	320.00
<b>Total</b>		<b>3</b>	<b>0.0%</b>	<b>0%</b>	<b>100%</b>	<b>21.7</b>	<b>21.7</b>	<b>100.0%</b>	<b>93.8%</b>	<b>21.74</b>	<b>1,040</b>	<b>1.00</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
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>
2020-21	AA Degree	Fire Academy	3
	Certificate	Fire Academy	2
<b>2020-21 TOTAL:</b>			<b>5</b>

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire In-Service

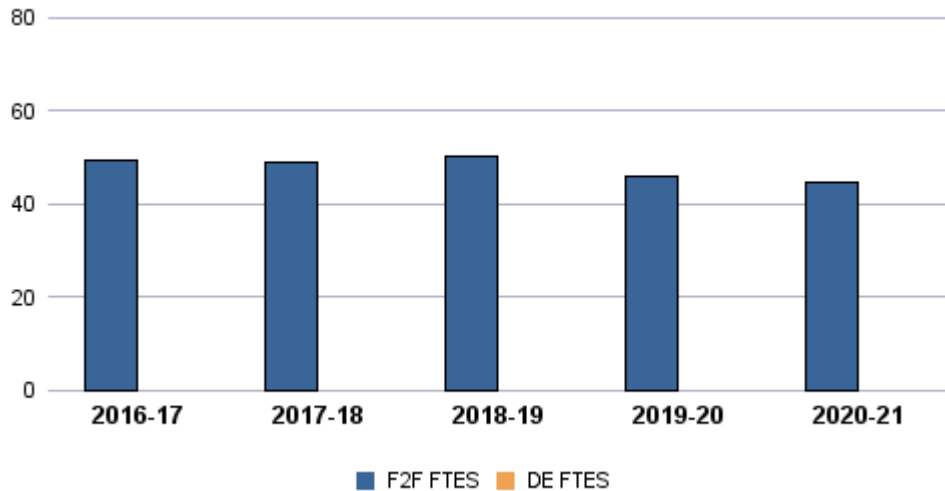


### FIRE IN-SERVICE SUMMARY

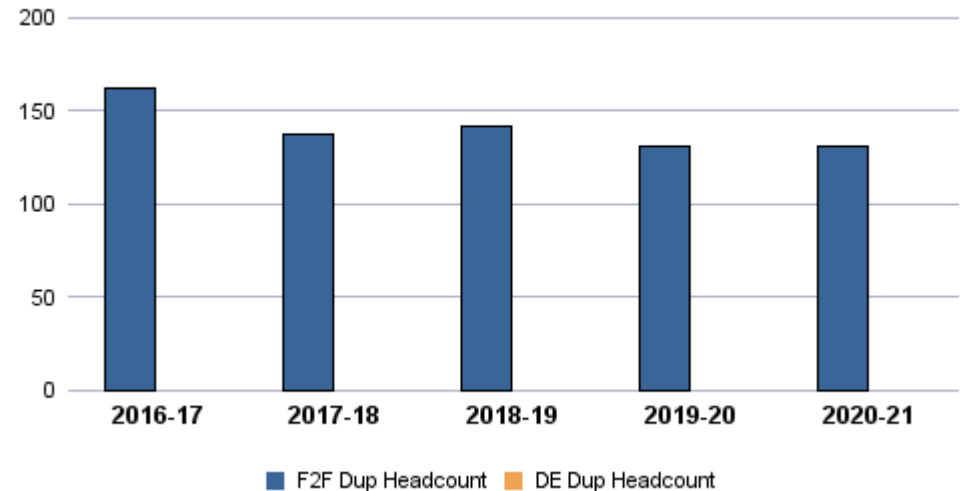
This report contains data from Academic Year (AY) 2016 to 2020. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, 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
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
2020-21	12	12	0	44.62	44.62	0.00	131	131	0
4-Yr Chg (16-17 to 20-21)	-14.3%	-14.3%	---	-10.0%	-10.0%	---	-19.1%	-19.1%	---
1-Yr Chg (19-20 to 20-21)	0.0%	0.0%	---	-3.2%	-3.2%	---	0.0%	0.0%	---

### RESIDENT FTES



### DUPLICATED HEADCOUNT



# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire In-Service

### DEMOGRAPHICS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Male	151	93.2%	128	93.4%	133	93.7%	125	95.4%	123	93.9%
Female	10	6.2%	9	6.6%	9	6.3%	6	4.6%	8	6.1%
Unknown	1	0.6%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Asian	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.8%
Hispanic	17	10.5%	15	10.9%	13	9.2%	11	8.4%	14	10.7%
Native Amer/Alaska Native	1	0.6%	1	0.7%	1	0.7%	1	0.8%	1	0.8%
White Non-Hispanic	133	82.1%	111	81.0%	118	83.1%	111	84.7%	106	80.9%
Two or more races	9	5.6%	8	5.8%	9	6.3%	6	4.6%	8	6.1%
Unknown	2	1.2%	2	1.5%	1	0.7%	2	1.5%	1	0.8%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Age < 25	0	0.0%	0	0.0%	1	0.7%	1	0.8%	2	1.5%
Age 25 - 49	147	90.7%	120	87.6%	126	88.7%	112	85.5%	115	87.8%
Age 50 +	15	9.3%	17	12.4%	15	10.6%	18	13.7%	14	10.7%

	2016-17	2017-18	2018-19	2019-20	2020-21
Median Age	38	40	39	40	40
Youngest	23	26	23	24	24
Oldest	60	61	58	67	56

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire In-Service

### COURSE SUCCESS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	131	94.7%	127	96.9%	133	98.5%	125	98.4%	123	97.6%
Female	8	87.5%	9	77.8%	9	100.0%	6	100.0%	8	100.0%
Unknown	1	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Asian	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Hispanic	16	93.8%	14	92.9%	13	100.0%	11	100.0%	14	92.9%
Native Amer/Alaska Native	1	100.0%	1	100.0%	1	100.0%	1	100.0%	1	100.0%
White Non-Hispanic	112	93.8%	111	96.4%	118	98.3%	111	99.1%	106	98.1%
Two or more races	9	88.9%	8	100.0%	9	100.0%	6	100.0%	8	100.0%
Unknown	2	100.0%	2	50.0%	1	100.0%	2	50.0%	1	100.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	0	0.0%	0	0.0%	1	100.0%	1	100.0%	2	100.0%
Age 25 - 49	125	94.4%	119	95.8%	126	99.2%	112	98.2%	115	99.1%
Age 50 +	15	86.7%	17	94.1%	15	93.3%	18	100.0%	14	85.7%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
F2F	140	93.6%	136	95.6%	142	98.6%	131	98.5%	131	97.7%

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

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire In-Service

### 2020-21 COURSE STATISTICS

<b>FIRE IN-SERVICE PRODUCTIVITY* (2020-21):</b>										<b>92.54</b>		
<b>% FULL TIME INSTRUCTORS** (2020-21):</b>										<b>0%</b>		
<b>% ADJUNCT INSTRUCTORS** (2020-21):</b>										<b>0%</b>		

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%	3.0	3.0	100.0%	33.3%	0.40	25	0.34	24.00
FIR-162A-S1	Prof. Firefighter Train Part 1	1	0.0%	0%	0%	5.0	5.0	100.0%	80.0%	0.79	41	0.17	80.00
FIR-162A-T1	Prof. Firefighter Train Part 1	1	0.0%	0%	0%	5.0	5.0	100.0%	100.0%	0.91	41	0.17	80.00
FIR-162B-L1	Prof. Firefighter Train Part 2	1	0.0%	0%	0%	1.0	1.0	100.0%	100.0%	0.38	17	0.70	8.00
FIR-162B-S1	Prof. Firefighter Train Part 2	1	0.0%	0%	0%	9.0	9.0	100.0%	100.0%	3.40	151	0.35	144.00
FIR-162B-T1	Prof. Firefighter Train Part 2	1	0.0%	0%	0%	3.0	3.0	100.0%	100.0%	1.06	50	0.35	48.00
FIR-162C-L1	Prof. Firefighter Train Part 3	1	0.0%	0%	0%	4.0	4.0	100.0%	100.0%	2.00	100	1.04	32.00
FIR-162C-S1	Prof. Firefighter Train Part 3	1	0.0%	0%	0%	12.0	12.0	100.0%	100.0%	6.63	300	0.52	192.00
FIR-162C-T1	Prof. Firefighter Train Part 3	1	0.0%	0%	0%	4.0	4.0	100.0%	100.0%	2.13	100	0.52	64.00
FIR-162D-L1	Prof. Firefighter Train Part 4	1	0.0%	0%	0%	8.0	8.0	100.0%	100.0%	5.20	266	1.39	64.00
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%	7.0	7.0	100.0%	100.0%	5.71	294	1.75	56.00
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-163A-C1	Cal Fire Firefighter Training	1	0.0%	0%	0%	70.0	70.0	100.0%	100.0%	16.00	700	0.21	1,120.00
<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>97.7%</b>	<b>44.62</b>	<b>2,085</b>	<b>7.51</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.

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Science

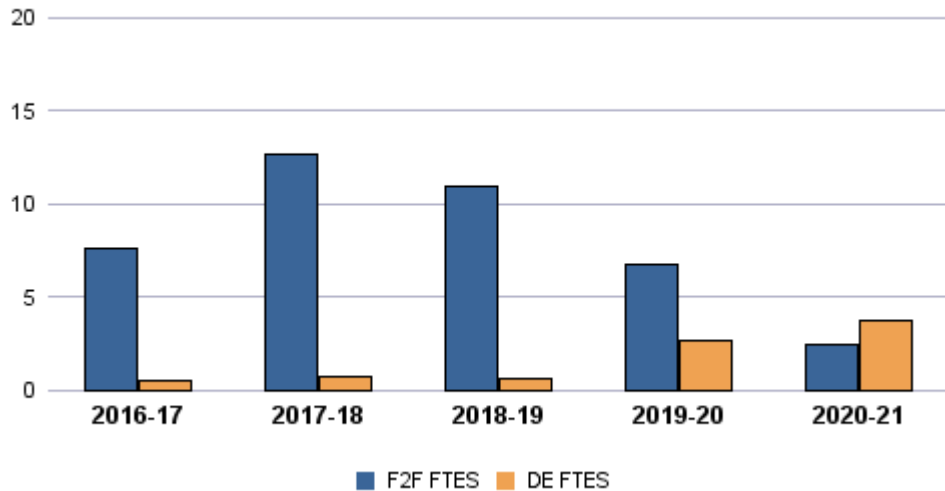


### FIRE SCIENCE SUMMARY

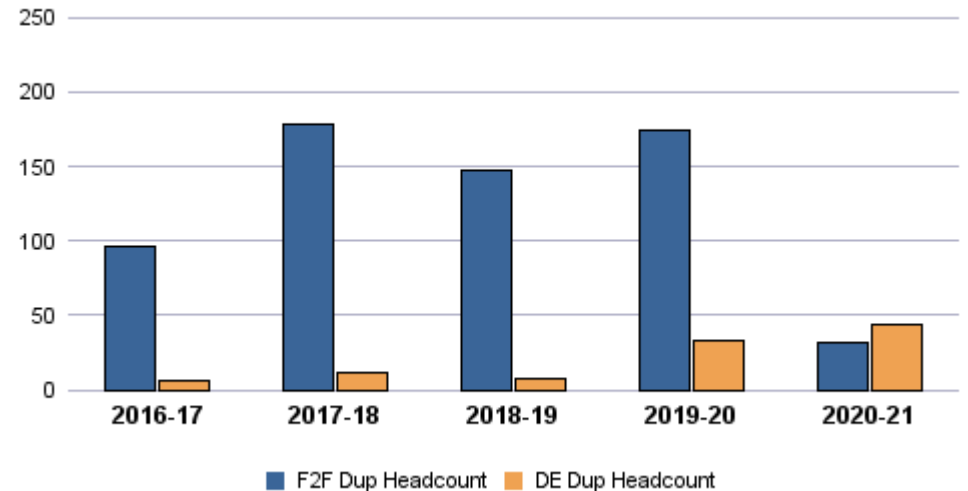
This report contains data from Academic Year (AY) 2016 to 2020. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, 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
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
2020-21	6	3	3	6.14	2.41	3.73	76	32	44
4-Yr Chg (16-17 to 20-21)	<b>-53.8%</b>	-75.0%	200.0%	<b>-24.8%</b>	-68.5%	600.0%	<b>-25.5%</b>	-66.7%	633.3%
1-Yr Chg (19-20 to 20-21)	<b>-50.0%</b>	-70.0%	50.0%	<b>-35.1%</b>	-64.6%	40.0%	<b>-63.3%</b>	-81.6%	33.3%

**RESIDENT FTES**



**DUPLICATED HEADCOUNT**



# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Science

### DEMOGRAPHICS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Male	72	87.8%	111	87.4%	112	88.9%	174	91.6%	45	78.9%
Female	8	9.8%	15	11.8%	14	11.1%	16	8.4%	12	21.1%
Unknown	2	2.4%	1	0.8%	0	0.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
African American	6	7.3%	10	7.9%	5	4.0%	16	8.4%	1	1.8%
Asian	1	1.2%	0	0.0%	2	1.6%	8	4.2%	3	5.3%
Hispanic	19	23.2%	42	33.1%	33	26.2%	51	26.8%	21	36.8%
Native Amer/Alaska Native	1	1.2%	1	0.8%	1	0.8%	4	2.1%	2	3.5%
Pacific Islander	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	1.8%
White Non-Hispanic	49	59.8%	58	45.7%	66	52.4%	95	50.0%	27	47.4%
Two or more races	6	7.3%	14	11.0%	11	8.7%	7	3.7%	2	3.5%
Other	0	0.0%	0	0.0%	0	0.0%	1	0.5%	0	0.0%
Unknown	0	0.0%	2	1.6%	8	6.3%	8	4.2%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Age < 25	55	67.1%	93	73.2%	79	62.7%	32	16.8%	28	49.1%
Age 25 - 49	27	32.9%	34	26.8%	44	34.9%	118	62.1%	29	50.9%
Age 50 +	0	0.0%	0	0.0%	3	2.4%	40	21.1%	0	0.0%

	2016-17	2017-18	2018-19	2019-20	2020-21
Median Age	22	21	22	37	24
Youngest	17	17	16	17	16
Oldest	46	46	52	64	44

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Science

### COURSE SUCCESS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	90	95.6%	160	87.5%	132	97.0%	183	95.6%	56	87.5%
Female	8	100.0%	21	90.5%	17	88.2%	14	85.7%	14	85.7%
Unknown	2	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
African American	8	100.0%	14	100.0%	5	80.0%	15	93.3%	2	100.0%
Asian	1	100.0%	0	0.0%	2	100.0%	8	100.0%	3	100.0%
Hispanic	27	96.3%	71	88.7%	42	92.9%	52	96.2%	24	91.7%
Native Amer/Alaska Native	1	100.0%	0	0.0%	1	100.0%	6	100.0%	3	100.0%
Pacific Islander	0	0.0%	0	0.0%	0	0.0%	0	0.0%	2	100.0%
White Non-Hispanic	56	94.6%	73	84.9%	77	97.4%	99	92.9%	33	87.9%
Two or more races	7	100.0%	20	95.0%	14	100.0%	7	100.0%	3	0.0%
Other	0	0.0%	0	0.0%	0	0.0%	1	100.0%	0	0.0%
Unknown	0	0.0%	4	50.0%	8	100.0%	9	100.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	73	94.5%	143	89.5%	96	95.8%	38	76.3%	36	83.3%
Age 25 - 49	27	100.0%	39	82.1%	50	96.0%	119	99.2%	34	91.2%
Age 50 +	0	0.0%	0	0.0%	3	100.0%	40	100.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Dist Ed	5	80.0%	7	85.7%	7	85.7%	26	84.6%	38	86.8%
F2F	90	97.8%	175	88.0%	142	96.5%	171	96.5%	29	89.7%
Hybrid	5	80.0%	0	0.0%	0	0.0%	0	0.0%	3	66.7%

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



# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## Fire Science

### 2020-21 COURSE STATISTICS

FIRE SCIENCE PRODUCTIVITY* (2020-21):										<b>200.51</b>		
% FULL TIME INSTRUCTORS** (2020-21):										<b>0%</b>		
% ADJUNCT INSTRUCTORS** (2020-21):										<b>100%</b>		

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
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	100.0%					0.0%			0		---
FIR-133-02	Intern-Occupational Work Exp.	1	100.0%					0.0%			0		---
FIR-153-01	Fire Hydraulics	1	0.0%	0%	100%	3.0	3.0	100.0%	66.7%	0.18	8	0.08	32.00
FIR-167-01	WldInd Fire Sfty-Hnd Crw Ops	1	0.0%	0%	100%	18.0	18.0	100.0%	100.0%	1.46	72	0.08	288.00
FIR-169-01	Cal Fire Basic Firefighter	1	0.0%	0%	100%	11.0	11.0	100.0%	72.7%	0.76	39	0.07	176.00
FIR-191HY-01	ST: RT-130: Fireline Safety	1	100.0%					0.0%			0		---
<b>Total</b>		<b>15</b>	<b>80.0%</b>	<b>0%</b>	<b>100%</b>	<b>10.7</b>	<b>10.7</b>	<b>100.0%</b>	<b>87.5%</b>	<b>2.41</b>	<b>118</b>	<b>0.24</b>	

DISTANCE EDUCATION		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%	23.0	20.0	87.0%	75.0%	1.96	92	0.08	368.00
FIR-103-01	Fire Protection Equip & Syst	1	0.0%	0%	100%	8.0	7.0	87.5%	100.0%	0.71	32	0.08	128.00
FIR-105-01	Fire Behavior & Combustion	1	0.0%	0%	100%	13.0	11.0	84.6%	100.0%	1.07	52	0.08	208.00
<b>Total</b>		<b>3</b>	<b>0.0%</b>	<b>0%</b>	<b>100%</b>	<b>14.7</b>	<b>12.7</b>	<b>86.4%</b>	<b>86.8%</b>	<b>3.73</b>	<b>176</b>	<b>0.25</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
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>
2020-21	AA Degree	Fire Science	5
<b>2020-21 TOTAL:</b>			<b>5</b>

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## South Bay Regional PSTC

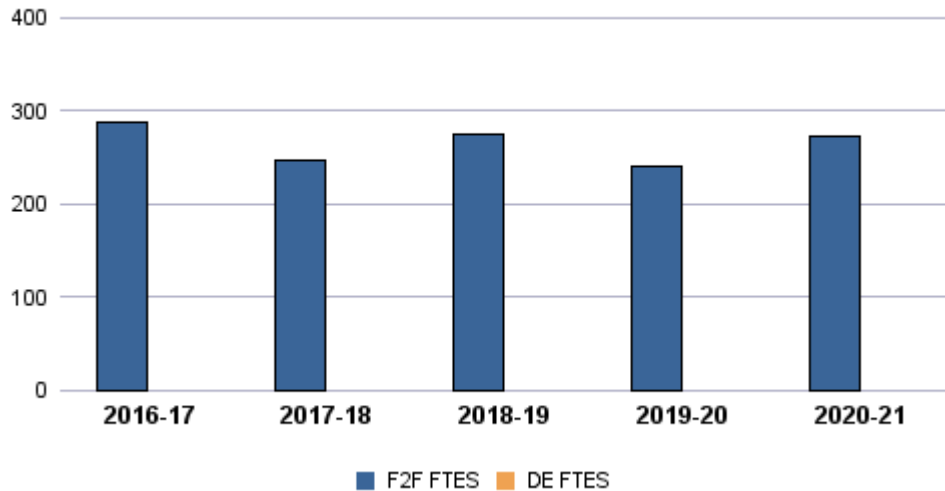


### SOUTH BAY REGIONAL PSTC SUMMARY

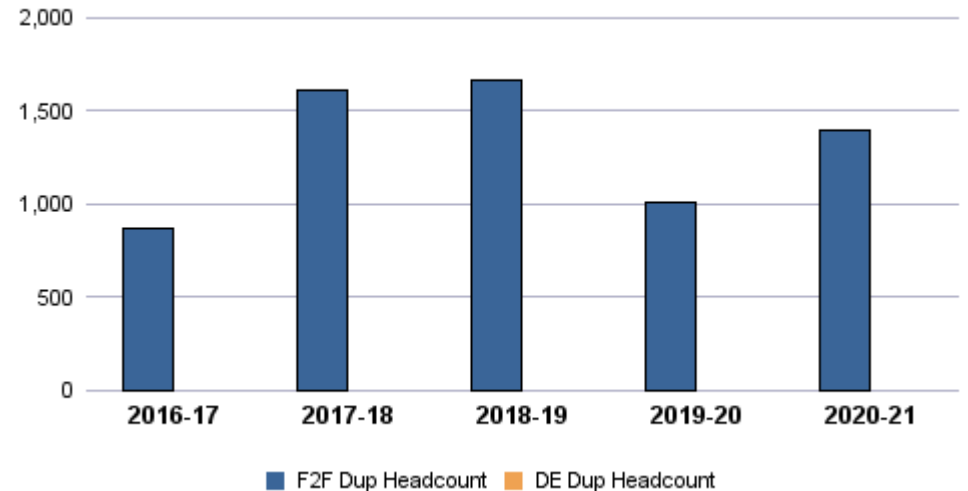
This report contains data from Academic Year (AY) 2016 to 2020. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below. Unless otherwise indicated, students enrolled through the Incarcerated Students Program, South Bay JPA, 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
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
2020-21	72	72	0	272.66	272.66	0.00	1,396	1,396	0
4-Yr Chg (16-17 to 20-21)	242.9%	242.9%	---	-5.3%	-5.3%	---	60.8%	60.8%	---
1-Yr Chg (19-20 to 20-21)	60.0%	60.0%	---	13.2%	13.2%	---	38.5%	38.5%	---

**RESIDENT FTES**



**DUPLICATED HEADCOUNT**



# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## South Bay Regional PSTC

### DEMOGRAPHICS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Male	751	95.9%	1,306	91.1%	1,244	88.2%	738	95.1%	936	89.3%
Female	31	4.0%	126	8.8%	166	11.8%	38	4.9%	112	10.7%
Unknown	1	0.1%	1	0.1%	1	0.1%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
African American	28	3.6%	42	2.9%	56	4.0%	28	3.6%	36	3.4%
Asian	55	7.0%	80	5.6%	98	6.9%	49	6.3%	89	8.5%
Hispanic	172	22.0%	339	23.7%	404	28.6%	174	22.4%	234	22.3%
Native Amer/Alaska Native	3	0.4%	8	0.6%	7	0.5%	7	0.9%	9	0.9%
Pacific Islander	7	0.9%	14	1.0%	13	0.9%	9	1.2%	11	1.0%
White Non-Hispanic	407	52.0%	684	47.7%	681	48.3%	445	57.3%	562	53.6%
Two or more races	20	2.6%	15	1.0%	19	1.3%	6	0.8%	12	1.1%
Other	5	0.6%	16	1.1%	14	1.0%	8	1.0%	10	1.0%
Unknown	86	11.0%	235	16.4%	119	8.4%	50	6.4%	85	8.1%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	N	%	N	%	N	%	N	%	N	%
Age < 25	76	9.7%	48	3.3%	53	3.8%	87	11.2%	169	16.1%
Age 25 - 49	579	73.9%	1,187	82.8%	1,137	80.6%	574	74.0%	738	70.4%
Age 50 +	128	16.3%	198	13.8%	221	15.7%	114	14.7%	139	13.3%
Age Unknown	0	0.0%	0	0.0%	0	0.0%	1	0.1%	2	0.2%

	2016-17	2017-18	2018-19	2019-20	2020-21
Median Age	43	40	39	37	36
Youngest	18	17	16	17	0
Oldest	68	74	75	76	67

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## South Bay Regional PSTC

### COURSE SUCCESS

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Male	833	99.5%	1,475	98.0%	1,490	97.6%	945	98.4%	1,245	97.4%
Female	34	97.1%	133	96.2%	173	98.3%	63	100.0%	131	97.7%
Unknown	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
African American	36	100.0%	44	100.0%	63	98.4%	35	100.0%	45	97.8%
Asian	67	100.0%	90	100.0%	113	97.3%	66	95.5%	111	98.2%
Hispanic	183	98.9%	355	98.0%	449	97.3%	230	96.1%	296	96.3%
Native Amer/Alaska Native	3	100.0%	8	100.0%	8	75.0%	10	90.0%	11	100.0%
Pacific Islander	7	100.0%	14	100.0%	13	100.0%	12	100.0%	11	90.9%
White Non-Hispanic	444	99.3%	805	97.9%	842	97.9%	577	99.7%	750	97.6%
Two or more races	22	100.0%	16	100.0%	29	100.0%	6	100.0%	13	100.0%
Other	6	100.0%	16	68.8%	15	100.0%	10	100.0%	18	94.4%
Unknown	100	100.0%	261	98.1%	132	97.7%	62	100.0%	121	99.2%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
Age < 25	76	98.7%	50	92.0%	79	96.2%	134	98.5%	197	95.4%
Age 25 - 49	655	99.4%	1,348	98.0%	1,319	98.4%	751	98.9%	1,017	98.5%
Age 50 +	137	100.0%	211	98.6%	266	94.4%	122	95.9%	158	93.0%
Age Unknown	0	0.0%	0	0.0%	0	0.0%	1	100.0%	4	100.0%

	2016-17		2017-18		2018-19		2019-20		2020-21	
	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success	Enrollment	Success
F2F	868	99.4%	1,609	97.9%	1,664	97.7%	1,008	98.5%	1,376	97.5%

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

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

## South Bay Regional PSTC

### 2020-21 COURSE STATISTICS

SOUTH BAY REGIONAL PSTC PRODUCTIVITY* (2020-21):											<b>356.96</b>
% FULL TIME INSTRUCTORS** (2020-21):											<b>0%</b>
% ADJUNCT INSTRUCTORS** (2020-21):											<b>100%</b>

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
CRJ-156-Z1	Law Enforcement Gang Training	1	0.0%			0.0	0.0	0.0%			0	0.05	0.00
FIR-162A-Z1	Prof. Firefighter Train Part 1	2	0.0%	0%	100%	50.5	50.5	100.0%	97.0%	17.60	836	0.34	810.67
FIR-162A-Z2	Prof. Firefighter Train Part 1	1	0.0%	0%	100%	3.0	3.0	100.0%	100.0%	0.57	25	0.17	48.00
FIR-162A-Z3	Prof. Firefighter Train Part 1	1	0.0%	0%	100%	54.0	54.0	100.0%	92.6%	8.45	446	0.17	864.00
FIR-162A-Z4	Prof. Firefighter Train Part 1	1	0.0%	0%	100%	40.0	40.0	100.0%	97.5%	6.01	330	0.17	640.00
FIR-162A-Z5	Prof. Firefighter Train Part 1	1	0.0%	0%	100%	40.0	40.0	100.0%	97.5%	7.02	330	0.17	640.00
FIR-162A-Z6	Prof. Firefighter Train Part 1	1	100.0%					0.0%			0		---
FIR-162B-Z1	Prof. Firefighter Train Part 2	2	0.0%	0%	100%	33.0	31.5	95.5%	95.2%	23.09	1,106	0.70	528.00
FIR-162B-Z2	Prof. Firefighter Train Part 2	1	0.0%	0%	100%	18.0	18.0	100.0%	94.4%	6.61	302	0.35	288.00
FIR-162B-Z3	Prof. Firefighter Train Part 2	1	0.0%	0%	100%	70.0	70.0	100.0%	95.7%	25.65	1,173	0.35	1,120.00
FIR-162B-Z4	Prof. Firefighter Train Part 2	1	0.0%	0%	100%	29.0	29.0	100.0%	96.6%	10.41	486	0.35	464.00
FIR-162B-Z5	Prof. Firefighter Train Part 2	1	0.0%	0%	100%	7.0	7.0	100.0%	100.0%	2.22	117	0.35	112.00
FIR-162C-Z1	Prof. Firefighter Train Part 3	1	0.0%	0%	100%	6.0	6.0	100.0%	100.0%	3.14	150	0.52	96.00
FIR-170D-Z1	Firefighter I Academy (JPA)	1	0.0%			23.0	20.0	87.0%	100.0%	22.08	966	0.86	372.43
FIR-170D-Z2	Firefighter I Academy (JPA)	1	0.0%			37.0	33.0	89.2%	100.0%	36.08	1,579	0.86	608.64
FIR-172D-Z1	Instructor I: Instruc Method	4	25.0%	0%	100%	13.3	13.3	100.0%	100.0%	3.12	140	0.22	213.34
FIR-172D-Z2	Instructor I: Instruc Method	2	0.0%	0%	100%	14.5	14.5	100.0%	100.0%	2.21	102	0.15	232.00
FIR-172D-Z3	Instructor I: Instruc Method	1	100.0%					0.0%			0		---
FIR-172E-Z1	Instructor II: Instr Develop	3	0.0%	0%	100%	10.3	10.3	100.0%	96.8%	2.21	109	0.22	166.67
FIR-172E-Z2	Instructor II: Instr Develop	2	50.0%	0%	100%	8.0	8.0	100.0%	100.0%	0.64	28	0.07	128.00
FIR-173B-Z1	Fire Investigation 1B	1	0.0%	0%	100%	11.0	11.0	100.0%	100.0%	0.82	36	0.07	176.00
FIR-180F-Z1	FAD/O 1A: Emerg Vehicle Ops	2	0.0%	0%	100%	13.0	13.0	100.0%	100.0%	1.93	85	0.14	208.00
FIR-180F-Z2	FAD/O 1A: Emerg Vehicle Ops	1	0.0%	0%	100%	17.0	17.0	100.0%	94.1%	1.19	55	0.07	272.00
FIR-180G-Z1	FAD/O 1B: Pump Operations	2	0.0%	0%	100%	11.0	11.0	100.0%	100.0%	1.63	72	0.14	176.00
FIR-181A-Z1	Company Officer 2A: HR Mgmt	3	33.3%	0%	100%	16.5	16.5	100.0%	100.0%	2.44	116	0.15	264.00
FIR-181B-Z1	Company Officer 2B: Gen Admin	3	0.0%	0%	100%	18.0	18.0	100.0%	100.0%	2.01	108	0.12	288.00
FIR-181B-Z2	Company Officer 2B: Gen Admin	1	100.0%					0.0%			0		---

# ANNUAL PROGRAM REVIEW DATA: 2016-17 to 2020-21

FIR-181C-Z1	Company Ofc 2C: Fire Insp-Invs	2	0.0%	0%	100%	15.0	15.0	100.0%	93.3%	2.20	105	0.15	240.00
FIR-181D-Z1	Company Ofcr 2D: All-Risk Comm	2	50.0%	0%	100%	7.0	7.0	100.0%	85.7%	0.34	25	0.07	112.00
FIR-181E-Z1	Company Ofc 2E: WldInd Incdnt	1	0.0%	0%	100%	9.0	9.0	100.0%	100.0%	0.69	32	0.07	144.00
FIR-182A-Z1	Chief Fire Ofcr 3A: HR Mgmt	4	50.0%	0%	100%	12.5	12.5	100.0%	100.0%	1.43	63	0.10	200.00
FIR-182A-Z2	Chief Fire Ofcr 3A: HR Mgmt	2	0.0%	0%	100%	13.5	13.5	100.0%	100.0%	1.54	68	0.10	216.00
FIR-182B-Z1	Chief Fire Ofcr 3B: Bdgt-Fisc	4	50.0%	0%	100%	11.5	11.5	100.0%	100.0%	0.79	35	0.06	184.00
FIR-182B-Z2	Chief Fire Ofcr 3B: Bdgt-Fisc	3	33.3%	0%	100%	11.5	11.5	100.0%	100.0%	0.79	35	0.06	184.00
FIR-182C-Z1	Chief Fire Ofcr 3C: Gen Admin	4	25.0%	0%	100%	12.7	12.7	100.0%	100.0%	1.74	76	0.12	202.67
FIR-182C-Z2	Chief Fire Ofcr 3C: Gen Admin	1	0.0%	0%	100%	15.0	15.0	100.0%	100.0%	0.64	30	0.04	240.00
FIR-182D-Z1	Chief Fire Ofcr 3D: Emerg Serv	3	33.3%	0%	100%	7.5	7.5	100.0%	86.7%	0.59	30	0.08	120.00
FIR-182D-Z2	Chief Fire Ofcr 3D: Emerg Serv	1	100.0%					0.0%			0		---
FIR-191HQ-Z1	ST: Fire Investigation 1A	1	0.0%	0%	100%	8.0	8.0	100.0%	100.0%	0.61	28	0.07	128.00
FIR-191HR-Z1	ST: I-300: Intermediate ICS	2	0.0%	0%	100%	10.0	10.0	100.0%	100.0%	0.79	40	0.08	160.00
FIR-191JD-Z1	ST: Firefighter I Academy	1	0.0%			33.0	33.0	100.0%	100.0%		83	0.05	528.00
FIR-191JD-Z2	ST: Firefighter I Academy	1	0.0%			28.0	28.0	100.0%	96.4%	1.54	70	0.05	448.00
FIR-191JM-Z1	ST: California Fire Mechanics	2	0.0%	0%	100%	63.5	63.5	100.0%	99.2%	8.64	381	0.13	1,016.00
FIR-191JP-Z1	ST: Firefighter II Academy	1	0.0%			23.0	20.0	87.0%	100.0%	4.99	219	0.20	368.00
HEA-140B-Z1	Emergency Medical Technician	4	0.0%	0%	100%	14.0	13.3	94.6%	94.3%	17.34	882	1.31	224.00
HEA-140B-Z2	Emergency Medical Technician	3	33.3%	0%	100%	22.0	21.5	97.7%	97.7%	14.83	693	0.66	352.00
HEA-140B-Z3	Emergency Medical Technician	3	0.0%	0%	100%	18.3	17.7	96.4%	94.3%	17.77	866	0.98	293.33
HEA-140B-Z4	Emergency Medical Technician	1	0.0%	0%	100%	25.0	24.0	96.0%	91.7%	8.26	394	0.33	400.00
HEA-140D-Z1	Outdoor Emergency Care	1	100.0%					0.0%			0		---
<b>Total</b>		<b>89</b>	<b>19.1%</b>	<b>0%</b>	<b>100%</b>	<b>19.4</b>	<b>19.1</b>	<b>98.6%</b>	<b>97.5%</b>	<b>272.66</b>	<b>12,844</b>	<b>11.50</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.