



Agenda

Fire Science Advisory Committee

Lake Tahoe Community College

Wednesday December 11, 2019

4:00-5:30pm

Board Room

- Welcome and Introductions
- Bond Updates (Measure F) – Lake Tahoe Basin Public Safety Training Center (Al Frangione/Russi Eagan)
- Lake Tahoe Basin Fire Academy (LTBFA) Program Updates (Kileigh Labrado/Terry Hughes/Ed Roe):
 - Class 14
 - CA-State Fire Training New Curriculum Mandates and Non-LTCC Facility Use
 - Graduates
 - CA-State Fire Training program re-accreditation/site-visit (Leona Allen)
- Program Review Updates (Brad Deeds)
- General Discussion/Feedback from Industry Partners
- Perkins Funding



Fire Science Advisory Committee Meeting Minutes December 11th, 2019

- **Welcome and Introductions**

- Meeting called to order at 4:04 p.m.
- LTCC Staff Attendance:
 - Allen, Leona – Lake Tahoe Basin Fire Academy Adjunct Faculty
 - Balint, Elizabeth – Director of Institutional Effectiveness
 - Borges, Karen – Board of Trustees
 - Deeds, Brad – Dean of Workforce Development and Instruction
 - DeFranco, Jeff – Superintendent/President
 - Frangione, Al – Bond Program Director
 - Hughes, Terry – Lake Tahoe Basin Fire Academy Skills Director/Adjunct Faculty
 - Johnstone, Lucas – LTBFA Student Representative
 - Labrado, Kileigh – LTBFA Administrative Coordinator/Adjunct Faculty
 - Liggett, Melissa – Career and Technical Education Program Technician
 - Roe, Ed – Lake Tahoe Basin Fire Academy Equipment Coordinator/Adjunct Faculty
 - Schafer, Keegan – Fire Science Adjunct Faculty
 - Rhone, Jamie – Career and Technical Education Program Specialist
- Workforce Partners, Stakeholders, Regional Collaborators:
 - Alameda, Tim – Fire Chief Lake Valley Fire Protection District
 - Ansel, Rick – Fire Chief Kirkwood Volunteer Fire Department
 - Baker, Scott – Fire Chief Tahoe Douglas Fire Protection District
 - Placke, Chris – Fire Captain CAL FIRE
 - Deacon, Mike – Battalion Chief CAL FIRE
 - Moss, Todd – Assistant Chief Tahoe Douglas Fire Protection District
 - Pevnage, Steve – Battalion Chief Lake Tahoe Valley Fire Protection District
 - Whisler, Alan – Battalion Chief North Tahoe Fire Protection District

- **Bond Updates (Measure F)**

- President DeFranco updated the committee members on the progress of the Bond
 - Several years ago, a local group of public safety professionals came together and expressed a need for a Public Safety Training Center in the Tahoe Basin. In 2014, the \$55 Million General Obligation Bond (Measure F) was passed. A portion of the bond funds are earmarked for a Public Safety Training Center.
 - California Governor Jerry Brown did not release state matching funds as expected and as approved by the California voters. Since then, LTCC has made over 50 visits to in Sacramento, and successfully advocated for \$10.8 million in matching state dollars for the Remodel for Efficiency (RFE) project, which is required by the state to take place prior to any new buildings constructed with bond funds. The RFE project focuses on renovating and modernizing laboratory, office, and other space totaling approximately

23,000 assignable square feet (ASF), in approved areas of the Main Building and the Fine Arts Building. The project is on schedule to commence in July 2021 and will be finished during the winter of 2022-23. The state will not issue any new matching funds until the RFE project is approved and underway. LTCC will need assistance to unlock state matching funds once it gets to series C bonds and beyond. This is a ten-year bond, and we are about halfway through.

- A new **Senior Director of Government Relations and Grants Development** position was approved by the Board of Trustees in December. The position will provide leadership in the activities and operations of Government Relations and will explore state, federal, private and other funding sources to help support the funding of the Lake Tahoe Basin Public Safety Training Center (LTBPSTC).
- In a statewide ballot in March 2020, (an entirely new) Proposition 13 includes a \$15 billion statewide school facilities bond measure that will provide extra funds for new construction and modernization to K-12 school districts, community college districts and the Cal State and University of California higher education systems. We are encouraging constituents to vote yes on this measure.
- Al Frangione mentioned the California Governor was initially very conservative when issuing funds and some of the initial on-campus projects were made possible by outside sources. The Lisa Maloff University Center was made possible by a private donation of \$5.8 million dollars. The soccer field was built using money from the city. The mobility Hub used \$1 million of state matching funds and received additional funding (from Tahoe Transportation District and a supplemental amount from local utilities). There's a large state matching component that was written into our Measure F bond. The LTBPSTC is our priority and we will be aggressively seeking additional funding sources. Adding other elements, such as EMS, Criminal Justice, Search and Rescue, Cybersecurity, Law Enforcement training, etc. will make the facility cross-functional and open up additional funding sources.
- Brad Deeds briefed the committee on the facilities and assets required for the upcoming LTBFA Re-accreditation
 - Re-accreditation is scheduled for 2020 and there is a sense of urgency in securing a home for the LTBFA. Chief Martin, Interim Fire Chief South Lake Tahoe Fire Rescue, met with Dean Deeds and discussed partnering with the Academy on hiring and training. They also discussed the requirements for a National Fire Protection Association (NFPA)-approved mobile training tower. The mobile training tower can be hooked up to a dually. It would be used first by the LTBFA but would also be available for use by other agencies around the basin. Another required piece is a burn box for live fire exercises. The burn box might end up initially in Alpine County. There have been many conversations about a storage hangar, either at the airport and or on campus. It is crucial to have a place to store equipment and an engine. LTCC recognizes the positive pressure of this upcoming accreditation.
 - Classroom G6 will be dedicated to the Fire Academy starting April (Spring Quarter).
- **Lake Tahoe Basin Fire Academy (LTBFA) Program Updates**
 - Kileigh Labrado updated the committee on class 14 (2018-19)
 - Thank you to all agency partners for helping with the instruction of the cadets and for all that you do. The class started with 32 students and now are at 28. There are four females, two paramedics, and eight Emergency Medical Technicians (eight or nine are signing up for the winter quarter EMT course). Some are local and others from the bay

area. Many researched other programs but chose to come to here, due to the reputation of the program. They are a dynamic group. So far, they have learned hose, ladders, Self-contained Breathing Apparatus or SCBAs, and firefighter survival. They have bonded and spend a lot of time both indoors and outside. Many have submitted applications to CAL FIRE, which was due in November, and they helped each other out as a group. They are starting a toy drive for Sierra House Elementary and getting involved in the community.

- Lucas Johnstone is one of the co-class commanders and he is here today to represent class 14. He worked in Wildland for many years and understand the dynamics of fire service. He grew up in South Lake Tahoe. He appreciates having a local facility in the future as many of his fellow cadets currently drive long distances.
- Accreditation is coming up and there are new changes to the California State Fire Training curriculum. With the current 2013 curriculum, LTBFA cadets finish the academy and then complete the Capstone testing. They also are required to volunteer one year as a reserve firefighter or work six months as a full-time paid firefighter, before receiving their certificate. It would be desirable to add Firefighter II to the curriculum as a stand-alone or incorporate it into the academy. The new curriculum also includes a Behavioral Health and Awareness class, a prerequisite of the Incident Command System courses: ICS 100, 200, 700, and 800, and a Firefighter II component with decreased hours from 470 to 400 hours of classroom time. The focus on accreditation will be first but the goal to implement FFII in 2021/2022. This won't affect the current instructors, which already have Instructor I, and an ethics class to teach the Firefighter II curriculum.
- Leona Allen updated the committee on past graduates
 - Kileigh is a graduate of the program and she knows this well. She also teaches an "Interview Skills" class and it helps cadets be proficient when hired through the fire service. It is also cited as a Best Management Practice by California State Fire Training. The advocacy for the cadets do not stop when they graduate. The academy cadre is constantly writing letters of recommendations and referrals, taking calls from Human Resource Departments, completing application surveys, and fielding questions to chiefs. Leona Allen, LTBFA Academic Coordinator/Adjunct Faculty, also travels on her own time, all over the U.S., to visit graduate's badge pinning ceremonies. 313 past cadets are tracked after graduation: 30% are paramedics, 51% have jobs in a municipal or county fire district, 16% work for the U.S Forest Service and 16% have jobs with CAL FIRE. 33% of past graduates have come back to assist with teaching at one time, and two of them are now registered nurses. Two became officers with the California Highway Patrol and one returned as a defensive tactic instructor. Justin Keys, LTBFA Class 1, was promoted to Captain for South Lake Tahoe Fire Rescue. A picture with him while performing a Bailout Drill made it into the California State Firefighters Association magazine. Andrew Carey, LTBFA Class 7, and Jonathan Coats, LTBFA Class 4, both Firefighter/Paramedics for Lake Valley Fire Rescue, received a lifesaving award for their heroics during a rescue. Trent Renner, LTBFA Class 4, and Dustin Winter, LTBFA 5, both won firefighter of the year from South Lake Tahoe Fire Rescue. Firefighter/Paramedic James Berthinier, LTBFA Class 9, made the headlines fighting the tragic tanker fire. Wilman Erick Mejia-Hernandez, Heidi Strahl, Trenton Bailey, Sean Jordan, Anika Burkhart, and Libby Machado, LTBFA 12 and 13, were featured on a Sacramento PBS story. Jenny Alustiza, LTBFA Class 2, is a Firefighter/Paramedic with Tahoe Douglas Fire Protection District and

- she won Lake Tahoe's Most Remarkable Woman of the year in the First Responder category. Bob Hamilton, LTBFA Class 13, was hired at San Diego's CAL FIRE unit, and was on his first week when his crew leader lost control of the vehicle and was involved in a rollover. Hamilton was able to use the vehicle extraction equipment to extract the Engine Captain, who was trapped and unconscious. A special kudos to the people in this room who made the decision to keep the extrication class in the curriculum, even though it was not required by California Fire State Training.
- Leona Allen gave updates and timelines on the re-accreditation process
 - Chief Hughes, Kileigh Labrado and Leona Allen went to Sacramento to meet the Deputy State Fire Marshal in charge of the LTBFA's re-accreditation process for a mid-cycle review. After their meeting, a letter was sent outlining the requirements needed for re-accreditation, which will occur in November of 2020. The site visit from the re-accreditation team will occur no later than September and our self-assessment report needs to be submitted no later than March of 2020. Part of the self-assessment report talks about cultural diversity, management team, staff, etc. Once that is completed, California State Fire Training will schedule a visit.
 - As of today, the academy is in the airport using two Conex containers to store all of the equipment, thanks to Engineer Roe. Thanks to Dr. Berry who wrote a grant for the mobile training prop and thanks to Dean Deeds for the purchase of the vehicle to haul it.
 - The following is what is needed before the site visit:
 - **Certification or Capstone Testing** (must have or be in the process)
 - a National Fire Protection Association (NFPA) section 1403 **Burn Box/Building** (need to purchase)
 - an NFPA section 1402 **Training Tower with Smoke Generator** (already own generator/need to purchase tower)
 - a **Ventilation Prop** (already own)
 - a **Vehicle Fire Prop** (need to purchase)
 - a **Forcible Entry Prop** (already own)
 - a **Breaching Prop** (can build own)
 - a **Restricted Passageway Prop** (Need to purchase)
 - **Gas/Water/Electric Service Props** (access in Carson City and cannot visit out of state)
 - a **Fire Hydrant** (there are plenty of those)
 - **Structure Fire Equipment and Personal Protective (PPE) Equipment** (own Turnouts)
 - **Wildland Fire Equipment and PPE** (own most of)
 - a **Mobile Air Compressor for SCBA's** (borrow from local agencies)
 - **Vehicle Extrication Tools** (Alan Hancock donated).

Portions of the letter state, "Training Facility Construction shall be underway, significant portions of the project completed" (referring to site visit in September). "Continued re-issue with the State Fire Training System is contingent upon the implementation and construction of the training facility".

- **Annual Program Review/Updates (2018-19)**
 - Dean Deeds reviewed the Fire Science programs
 - The LTBFA Certificate of Achievement is 42.75 units and includes EMT. There were 19 Certificates of Achievement and three Degrees awarded last year. This number has

increased and is valuable to the student when applying to agencies. Aaron Barnett graciously visited the LTBFA in fall quarter to explain the process.

- There are three distinct programs in Fire Science. The Full-time Equivalent (FTES) students was 27.15 last year, and in the last four years has increased by 24.1%. The Fire Science program has an FTES of 11.62 and in four years has increased by 27.2%. Fire Officer is not offered through the LTCC campus but through the South Bay Regional Public Training Consortium. Most of the classes are held in San Jose and seven colleges participate in this program. All of LTCC's Fire Science classes combined generate 354 FTES, which is huge. The total FTES for the entire college is 2000.
- There have been challenges with local housing and this year LTCC was able to offer housing off-campus, located on Aspen Avenue close to Ski Run Boulevard. The five-unit building provides housing for 30 full-time students. Each unit has three bedrooms and a full kitchen. Public transportation is easy reach of the property. \$675/month includes utilities and snow removal.

- **Feedback from Industry Partners**

- **Chief Alameda - Lake Valley Fire Protection District**

- They have been participating in LTCC's Internship program and have recently accepted three students as apprentice firefighters. Each student must get through a process before being accepted. Students must also be EMT Certified and pass the Candidate Physical Ability Test (CPAT). The program started with Chief Sitton. The program benefits both student and agency. Kileigh is also doing a great job with the cadets this year. Leona Allen has mentored past cadets with passion. It is amazing the amount of students the academy has put into the industry. The statistics of the graduates are incredible. Each of those students had get through the process and the LTBFA surpasses other colleges. Students are articulate and well-spoken.
- It would be desirable to have an on-campus facility for the LTBFA and will be a huge undertaking. For now, it's workable having a temporary facility at the airport and agrees with working with FEMA and National Security to make a public safety center possible. The ever-changing curriculum is harder, with more elements constantly added to it. The environment is also changing, making for extreme fire behavior, and that affects the way fire agencies train.
- Dean Deeds gave thanks to Chief Baker and Lake Valley Fire Rescue for their support of the LTBFA. He also mentioned Interim Chief Martin, South Lake Tahoe Fire, also wanted to replicate the work experience/internship through the city. Ed Roe mentioned Kileigh puts on an amazing class with the oral boards and emphasized the cadets are much more prepared than other colleges in public speaking.

- **Chief Baker – Tahoe Douglas Fire Protection District**

- Chief Baker gave thanks the LBTFA staff for the excellent training of the cadets as it only benefits their agency. They want to help with storage or more training props. They hire locally. They sometimes have issues with out-of-state tuition. Jeff Defranco mentioned students living in Nevada around the Tahoe Basin can attend at a reduced tuition cost of \$93/unit. This is slightly less than Nevada tuition (\$108/unit). Due to a large donation, first-time full-time students living in zip codes around the lake on the Nevada side receive free tuition and other supportive services and benefits through the Lake Tahoe College Promise Program.

- **Battalion Chief Whisler, North Tahoe Fire Protection District (Tahoe City)**
 - They have the same issue of out-of-state tuition. They often send their students to Sierra College to take classes and complete the Capstone testing.
 - Terry Hughes mentioned the Capstone Testing has to be done in the state of California, not in Carson City. Most of their training happens in Alpine County, through Eastern Alpine Volunteer Fire department. Their engine was used over 51 times last year for the academy. Wildland is taught primarily by CAL FIRE and the Zephyr Crew. Kileigh, Leona, and Terry do most of the instruction. There is a need for more instructors.
 - **Assistant Chief Todd Moss – Tahoe Douglas Fire Protection District**
 - Assistant Chief Moss submitted his application for Adjunct and will be helping out with the LTBFA. He gave a Kudos to the program and those individuals that support it.
 - **Captain Chris Placke – CAL FIRE**
 - Captain Placke helps out with the cadet training for the LTBFA. He also teaches a CAL FIRE Bridge class (FIR 191JK) in the spring which helps cadets get jobs with the agency.
- **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 5:50 p.m.

Respectively submitted,
 Melissa Liggett
 Career & Technical Education Technician

2018-19 ANNUAL PROGRAM REVIEW

Fire Academy

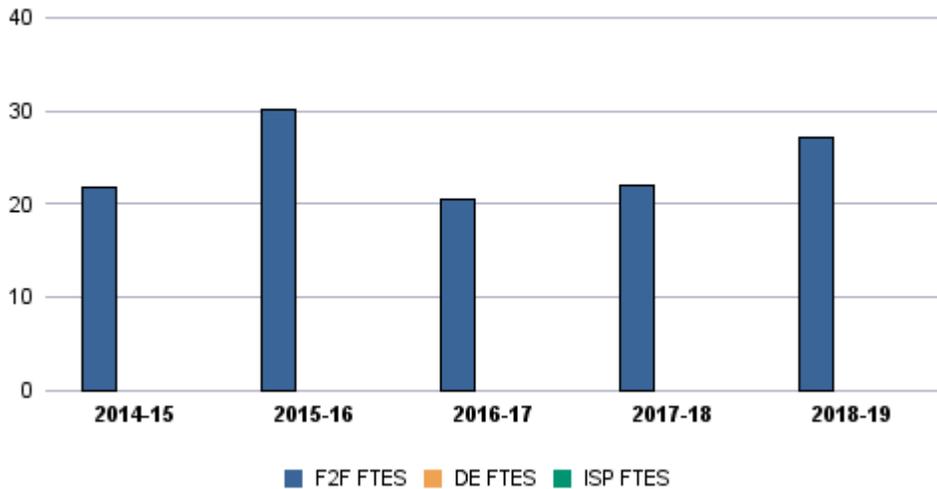


FIRE ACADEMY SUMMARY

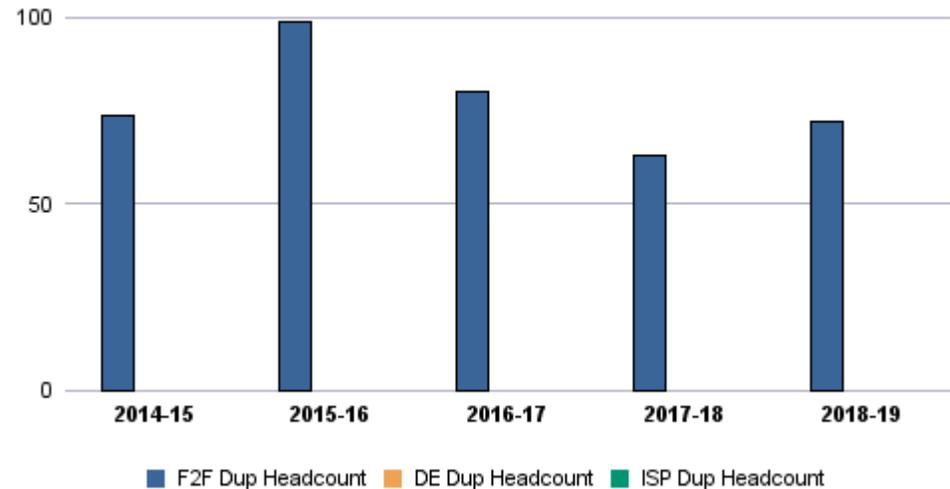
This report contains data from Academic Year (AY) 2014 to 2018. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2014-15	3	3	0	0	21.87	21.87	0.00	0.00	74	74	0	
2015-16	4	4	0	0	30.22	30.22	0.00	0.00	99	99	0	
2016-17	3	3	0	0	20.58	20.58	0.00	0.00	80	80	0	
2017-18	3	3	0	0	21.93	21.93	0.00	0.00	63	63	0	
2018-19	3	3	0	0	27.15	27.15	0.00	0.00	72	72	0	
4-Yr Chg (14-15 to 18-19)	0.0%	0.0%	---	---	24.1%	24.1%	---	---	-2.7%	-2.7%	---	---
1-Yr Chg (17-18 to 18-19)	0.0%	0.0%	---	---	23.8%	23.8%	---	---	14.3%	14.3%	---	---

RESIDENT FTES



DUPLICATED HEADCOUNT



2018-19 ANNUAL PROGRAM REVIEW

Fire Academy

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
Hispanic	11	40.7%	6	18.2%	4	12.9%	5	20.0%	8	29.6%
Native Amer/Alaska Native	1	3.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	15	55.6%	27	81.8%	26	83.9%	15	60.0%	18	66.7%
Two or more races	0	0.0%	0	0.0%	1	3.2%	4	16.0%	1	3.7%
Unknown	0	0.0%	0	0.0%	0	0.0%	1	4.0%	0	0.0%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
Age < 25	16	59.3%	17	51.5%	17	54.8%	16	64.0%	18	66.7%
Age 25 - 49	11	40.7%	16	48.5%	14	45.2%	9	36.0%	9	33.3%

	2014-15	2015-16	2016-17	2017-18	2018-19
Median Age	24	25	24	23	22
Youngest	17	17	17	18	17
Oldest	37	40	45	47	40

2018-19 ANNUAL PROGRAM REVIEW

Fire Academy

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Hispanic	30	100.0%	15	100.0%	7	100.0%	10	100.0%	18	83.3%
Native Amer/Alaska Native	3	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	38	94.7%	83	100.0%	67	97.0%	35	100.0%	48	97.9%
Two or more races	0	0.0%	0	0.0%	3	100.0%	7	100.0%	3	100.0%
Unknown	0	0.0%	0	0.0%	0	0.0%	3	100.0%	0	0.0%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Age < 25	40	95.0%	48	100.0%	42	95.2%	32	100.0%	45	93.3%
Age 25 - 49	31	100.0%	50	100.0%	35	100.0%	23	100.0%	24	95.8%

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

2018-19 ANNUAL PROGRAM REVIEW

Fire Academy

COURSE SUCCESS

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Male	62	96.8%	92	100.0%	64	98.4%	49	100.0%	57	93.0%
Female	9	100.0%	6	100.0%	11	100.0%	6	100.0%	12	100.0%
Unknown	0	0.0%	0	0.0%	2	50.0%	0	0.0%	0	0.0%

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

* 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.

2018-19 ANNUAL PROGRAM REVIEW

Fire Academy

2018-19 COURSE STATISTICS

FIRE ACADEMY PRODUCTIVITY* (2018-19):												383.66
% FULL TIME INSTRUCTORS** (2018-19):												0%
% ADJUNCT INSTRUCTORS** (2018-19):												100%

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
FIR-170A	Lt Basin Fire Academy, Part 1	1	0.0%	0%	100%	27.0	26.0	96.3%	80.8%	9.45	493	0.38	432.00
FIR-170B	LT Basin Fire Academy, Part 2	1	0.0%	0%	100%	23.0	23.0	100.0%	95.7%	8.52	419	0.38	366.99
FIR-170C	LT Basin Fire Academy, Part 3	1	0.0%	0%	100%	22.0	22.0	100.0%	100.0%	9.18	402	0.38	352.00
Total		3	0.0%	0%	100%	24.0	23.7	98.6%	91.5%	27.15	1,313	1.14	

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
2014-15	Certificate	Fire Academy	7
2014-15 TOTAL:			7
2015-16	AA Degree	Fire Academy	1
	Certificate	Fire Academy	7
2015-16 TOTAL:			8
2016-17	AA Degree	Fire Academy	4
	Certificate	Fire Academy	19
2016-17 TOTAL:			23
2017-18	AA Degree	Fire Academy	4
	Certificate	Fire Academy	10
2017-18 TOTAL:			14
2018-19	AA Degree	Fire Academy	3
	Certificate	Fire Academy	19
2018-19 TOTAL:			22

2018-19 ANNUAL PROGRAM REVIEW

Fire Science

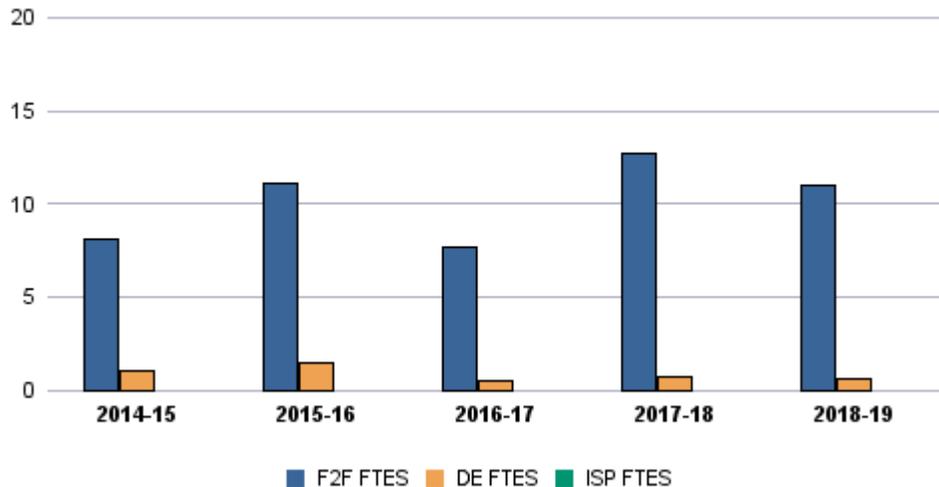


FIRE SCIENCE SUMMARY

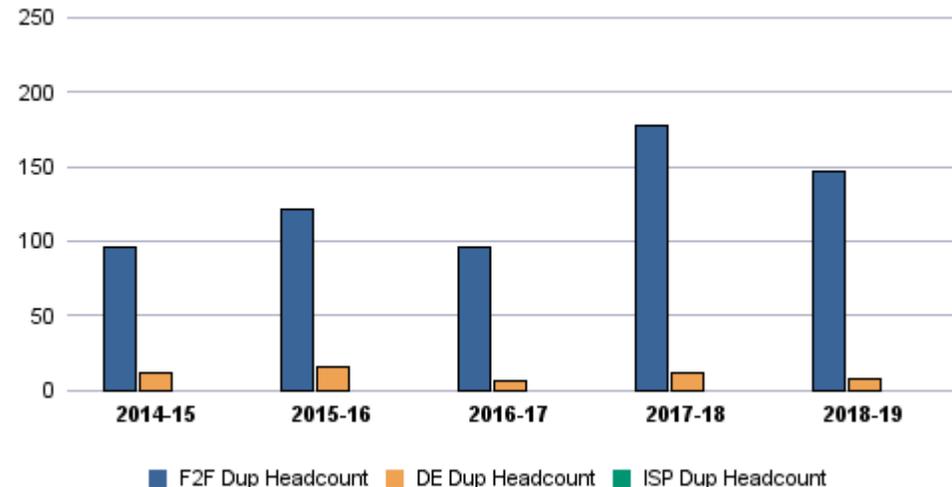
This report contains data from Academic Year (AY) 2014 to 2018. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2014-15	11	10	1	0	9.13	8.07	1.07	0.00	108	96	12	
2015-16	11	9	2	0	12.55	11.13	1.42	0.00	138	122	16	
2016-17	13	12	1	0	8.17	7.64	0.53	0.00	102	96	6	
2017-18	16	14	2	0	13.41	12.70	0.71	0.00	189	178	11	
2018-19	18	17	1	0	11.62	11.00	0.62	0.00	154	147	7	
4-Yr Chg (14-15 to 18-19)	63.6%	70.0%	0.0%	---	27.2%	36.4%	-41.7%	---	42.6%	53.1%	-41.7%	---
1-Yr Chg (17-18 to 18-19)	12.5%	21.4%	-50.0%	---	-13.4%	-13.4%	-12.5%	---	-18.5%	-17.4%	-36.4%	---

RESIDENT FTES



DUPLICATED HEADCOUNT



2018-19 ANNUAL PROGRAM REVIEW

Fire Science

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
African American	0	0.0%	13	11.6%	6	7.3%	10	7.9%	5	4.0%
Asian	1	1.4%	3	2.7%	1	1.2%	0	0.0%	2	1.6%
Hispanic	17	23.6%	40	35.7%	19	23.2%	42	33.1%	33	26.2%
Native Amer/Alaska Native	2	2.8%	1	0.9%	1	1.2%	1	0.8%	1	0.8%
Pacific Islander	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%
White Non-Hispanic	51	70.8%	49	43.8%	49	59.8%	58	45.7%	66	52.4%
Two or more races	1	1.4%	6	5.4%	6	7.3%	14	11.0%	11	8.7%
Unknown	0	0.0%	0	0.0%	0	0.0%	2	1.6%	8	6.3%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
Age < 25	35	48.6%	83	74.1%	55	67.1%	93	73.2%	79	62.7%
Age 25 - 49	37	51.4%	29	25.9%	27	32.9%	34	26.8%	44	34.9%
Age 50 +	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3	2.4%
Age Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2014-15	2015-16	2016-17	2017-18	2018-19
Median Age	25	22	22	21	22
Youngest	17	16	17	17	16
Oldest	46	42	46	46	52

2018-19 ANNUAL PROGRAM REVIEW

Fire Science

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
African American	0	0.0%	14	100.0%	8	100.0%	14	100.0%	5	80.0%
Asian	1	100.0%	3	100.0%	1	100.0%	0	0.0%	2	100.0%
Hispanic	23	91.3%	51	94.1%	27	96.3%	71	88.7%	42	92.9%
Native Amer/Alaska Native	2	100.0%	2	100.0%	1	100.0%	0	0.0%	1	100.0%
White Non-Hispanic	71	91.5%	56	96.4%	56	94.6%	73	84.9%	77	97.4%
Two or more races	2	100.0%	7	100.0%	7	100.0%	20	95.0%	14	100.0%
Unknown	0	0.0%	0	0.0%	0	0.0%	4	50.0%	8	100.0%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Age < 25	47	87.2%	96	96.9%	73	94.5%	143	89.5%	96	95.8%
Age 25 - 49	52	96.2%	37	94.6%	27	100.0%	39	82.1%	50	96.0%
Age 50 +	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3	100.0%

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

2018-19 ANNUAL PROGRAM REVIEW

Fire Science

COURSE SUCCESS

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Male	93	92.5%	115	95.7%	90	95.6%	159	87.4%	132	97.0%
Female	6	83.3%	16	100.0%	8	100.0%	21	90.5%	17	88.2%
Unknown	0	0.0%	2	100.0%	2	100.0%	2	100.0%	0	0.0%

DISTANCE EDUCATION		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
FIR-105	Fire Behavior & Combustion	1	0.0%	0%	100%	7.0	7.0	100.0%	85.7%	0.62	28	0.08	112.00
Total		1	0.0%	0%	100%	7.0	7.0	100.0%	85.7%	0.62	28	0.08	

* 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.

2018-19 ANNUAL PROGRAM REVIEW

Fire Science

2018-19 COURSE STATISTICS

FIRE SCIENCE PRODUCTIVITY* (2018-19):											259.61
% FULL TIME INSTRUCTORS** (2018-19):											0%
% ADJUNCT INSTRUCTORS** (2018-19):											97%

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
FIR-101	Fire Protection Organization	1	0.0%	0%	100%	5.0	5.0	100.0%	80.0%	0.52	24	0.08	94.00
FIR-103	Fire Protection Equip & Syst	1	0.0%	0%	100%	5.0	5.0	100.0%	80.0%	0.44	20	0.08	80.00
FIR-131BF	ST: Fire Control 5B: Aircraft	2	0.0%	0%	0%	0.0	0.0	0.0%			0	0.03	0.00
FIR-132	FIR Work Experience	8	62.5%			8.7	8.7	100.0%	96.2%	2.45	0	0.00	---
FIR-133	Intern-Occupational Work Exp.	6	16.7%			1.6	1.6	100.0%	87.5%	0.44	0	0.00	---
FIR-153	Fire Hydraulics	1	100.0%					0.0%					---
FIR-167	Wldnd Fire Sfty-Hnd Crw Ops	3	0.0%	0%	100%	19.0	17.3	91.2%	100.0%	4.75	228	0.25	304.00
FIR-191HY	ST: RT-130: Fireline Safety	1	0.0%	0%	100%	17.0	17.0	100.0%	100.0%	0.21	13	0.02	272.00
FIR-191JK	ST: CAL FIRE Basic Firefight	1	0.0%			29.0	29.0	100.0%	96.6%	2.18	102	0.00	---
Total		24	29.2%	0%	97%	8.6	8.4	96.6%	96.5%	11.00	386	0.46	

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
2014-15	Certificate	Firefighter I	1
	AA Degree	Fire Science	1
2014-15 TOTAL:			2
2015-16	AA Degree	Fire Science	3
2015-16 TOTAL:			3
2016-17	AA Degree	Fire Science	1
2016-17 TOTAL:			1
2017-18	Certificate	Fire Science	1
2017-18 TOTAL:			1
2018-19	AA Degree	Fire Science	2
	Certificate	Fire Science	1
2018-19 TOTAL:			3

2018-19 ANNUAL PROGRAM REVIEW

Fire In-Service

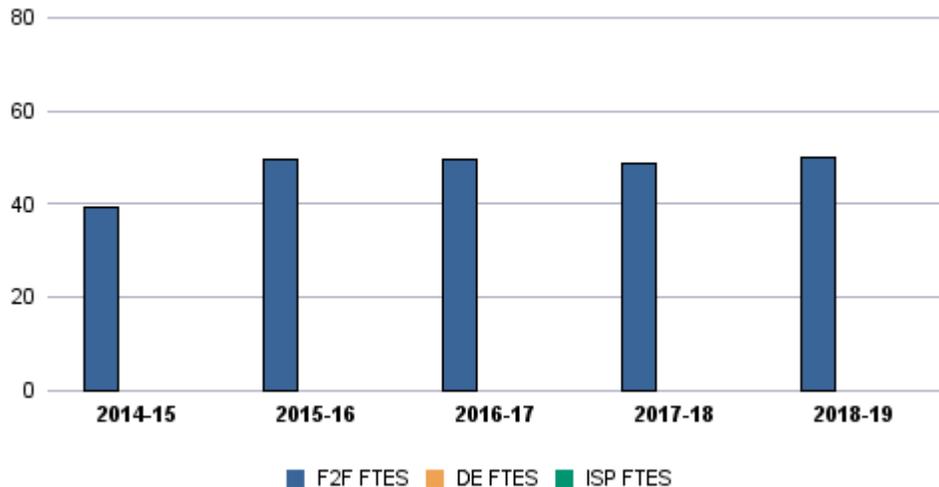


FIRE IN-SERVICE SUMMARY

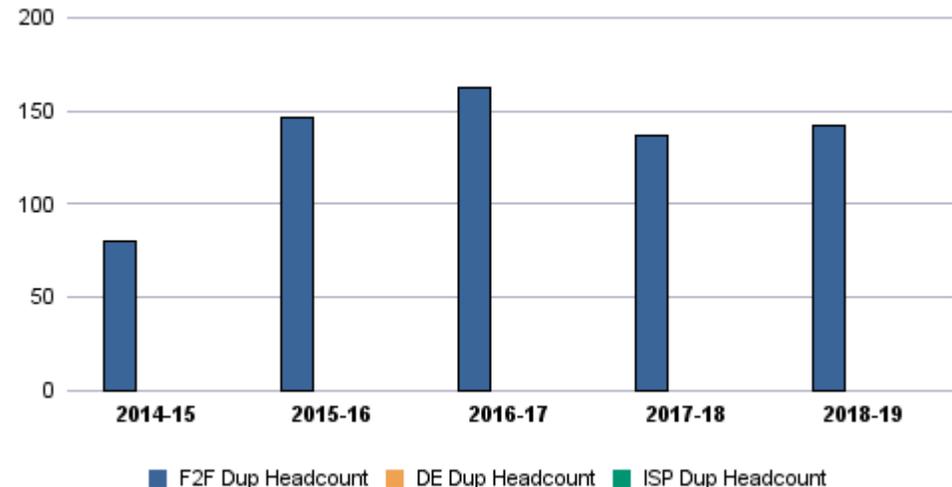
This report contains data from Academic Year (AY) 2014 to 2018. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2014-15	14	14	0	0	39.51	39.51	0.00	0.00	80	80	0	
2015-16	15	15	0	0	49.77	49.77	0.00	0.00	146	146	0	
2016-17	14	14	0	0	49.58	49.58	0.00	0.00	162	162	0	
2017-18	13	13	0	0	48.77	48.77	0.00	0.00	137	137	0	
2018-19	14	14	0	0	50.21	50.21	0.00	0.00	142	142	0	
4-Yr Chg (14-15 to 18-19)	0.0%	0.0%	---	---	27.1%	27.1%	---	---	77.5%	77.5%	---	---
1-Yr Chg (17-18 to 18-19)	7.7%	7.7%	---	---	3.0%	3.0%	---	---	3.6%	3.6%	---	---

RESIDENT FTES



DUPLICATED HEADCOUNT



2018-19 ANNUAL PROGRAM REVIEW

Fire In-Service

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
Asian	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.7%
Hispanic	10	12.5%	15	10.3%	17	10.5%	15	10.9%	13	9.2%
Native Amer/Alaska Native	0	0.0%	1	0.7%	1	0.6%	1	0.7%	1	0.7%
White Non-Hispanic	66	82.5%	117	80.1%	133	82.1%	111	81.0%	118	83.1%
Two or more races	2	2.5%	9	6.2%	9	5.6%	8	5.8%	8	5.6%
Unknown	2	2.5%	4	2.7%	2	1.2%	2	1.5%	1	0.7%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
Age < 25	3	3.8%	1	0.7%	0	0.0%	0	0.0%	1	0.7%
Age 25 - 49	65	81.3%	128	87.7%	147	90.7%	120	87.6%	126	88.7%
Age 50 +	12	15.0%	17	11.6%	15	9.3%	17	12.4%	15	10.6%

	2014-15	2015-16	2016-17	2017-18	2018-19
Median Age	38	39	38	40	39
Youngest	23	24	23	26	23
Oldest	58	59	60	61	58

2018-19 ANNUAL PROGRAM REVIEW

Fire In-Service

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Asian	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	100.0%
Hispanic	10	100.0%	15	86.7%	16	93.8%	14	92.9%	13	100.0%
Native Amer/Alaska Native	0	0.0%	1	100.0%	1	100.0%	1	100.0%	1	100.0%
White Non-Hispanic	64	96.9%	116	94.8%	112	93.8%	111	96.4%	118	98.3%
Two or more races	2	100.0%	9	100.0%	9	88.9%	8	100.0%	8	100.0%
Unknown	2	100.0%	4	100.0%	2	100.0%	2	50.0%	1	100.0%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Age < 25	3	100.0%	1	100.0%	0	0.0%	0	0.0%	1	100.0%
Age 25 - 49	64	96.9%	127	94.5%	125	94.4%	119	95.8%	126	99.2%
Age 50 +	11	100.0%	17	94.1%	15	86.7%	17	94.1%	15	93.3%

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

2018-19 ANNUAL PROGRAM REVIEW

Fire In-Service

COURSE SUCCESS

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Male	73	97.3%	137	94.9%	131	94.7%	127	96.9%	133	98.5%
Female	5	100.0%	7	85.7%	8	87.5%	9	77.8%	9	100.0%
Unknown	0	0.0%	1	100.0%	1	0.0%	0	0.0%	0	0.0%

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

* 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.

2018-19 ANNUAL PROGRAM REVIEW

Fire In-Service

2018-19 COURSE STATISTICS

FIRE IN-SERVICE PRODUCTIVITY* (2018-19):											121.57
% FULL TIME INSTRUCTORS** (2018-19):											0%
% ADJUNCT INSTRUCTORS** (2018-19):											0%

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
FIR-162A	Prof. Firefighter Train Part 1	3	0.0%	0%	0%	3.7	3.7	100.0%	90.9%	1.84	91	0.52	58.67
FIR-162B	Prof. Firefighter Train Part 2	3	0.0%	0%	0%	5.3	5.3	100.0%	93.8%	5.73	268	1.05	85.33
FIR-162C	Prof. Firefighter Train Part 3	3	0.0%	0%	0%	7.3	7.3	100.0%	100.0%	11.90	550	1.56	117.33
FIR-162D	Prof. Firefighter Train Part 4	3	33.3%	0%	0%	5.0	5.0	100.0%	100.0%	7.11	333	1.39	80.00
FIR-162E	Professional Firefight: Part 5	3	33.3%	0%	0%	4.5	4.5	100.0%	100.0%	7.68	378	1.75	72.00
FIR-191HP	ST: CAL FIRE Training Program	1	0.0%	0%	0%	74.0	74.0	100.0%	100.0%	15.94	740	0.21	1,184.00
Total		16	12.5%	0%	0%	10.1	10.1	100.0%	98.6%	50.21	2,359	6.47	

2018-19 ANNUAL PROGRAM REVIEW

Fire Officer

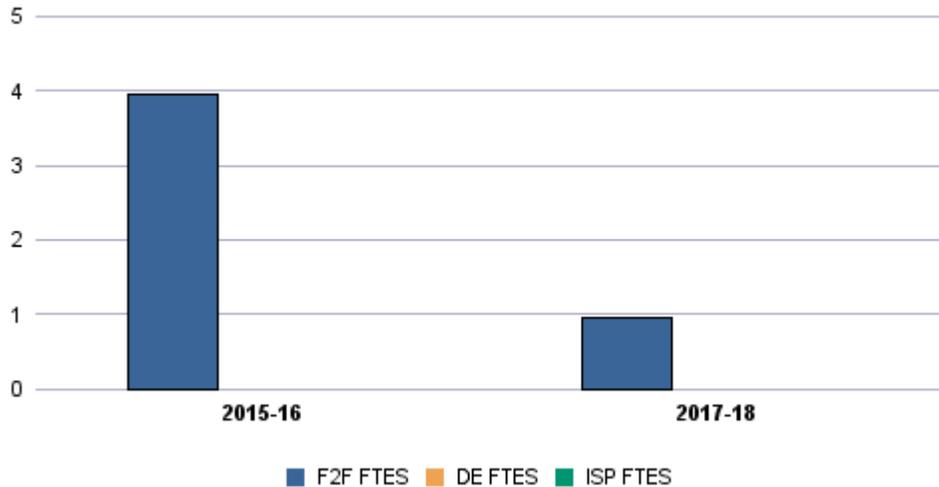


FIRE OFFICER SUMMARY

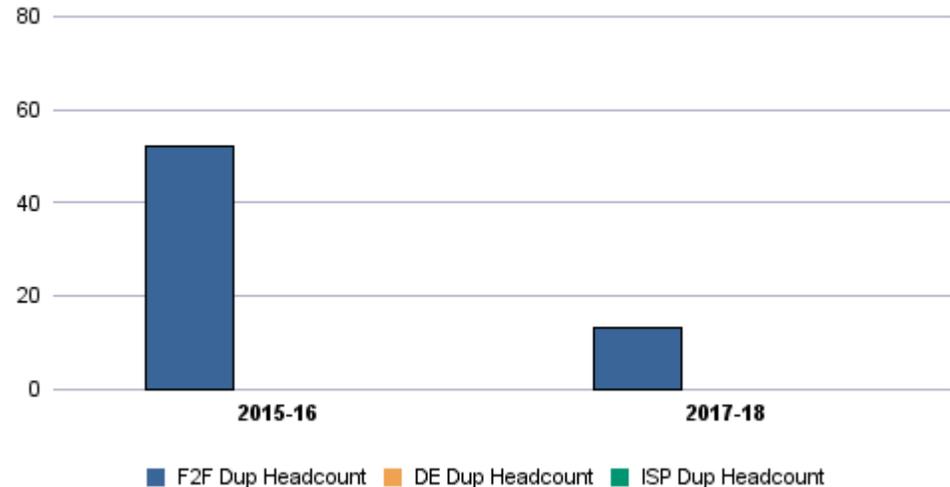
This report contains data from Academic Year (AY) 2014 to 2018. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2015-16	3	3	0	0	3.96	3.96	0.00	0.00	52	52	0	
2017-18	1	1	0	0	0.97	0.97	0.00	0.00	13	13	0	
1-Yr Chg (15-16 to 17-18)	-66.7%	-66.7%	---	---	-75.6%	-75.6%	---	---	-75.0%	-75.0%	---	---
1-Yr Chg (15-16 to 17-18)	0.0%	0.0%	---	---	0.0%	0.0%	---	---	0.0%	0.0%	---	---

RESIDENT FTES



DUPLICATED HEADCOUNT



2018-19 ANNUAL PROGRAM REVIEW

Fire Officer

	2015-16		2017-18	
	N	%	N	%
African American	1	2.3%	0	0.0%
Asian	2	4.7%	2	15.4%
Hispanic	4	9.3%	0	0.0%
White Non-Hispanic	33	76.7%	10	76.9%
Two or more races	1	2.3%	0	0.0%
Other	0	0.0%	1	7.7%
Unknown	2	4.7%	0	0.0%

	2015-16		2017-18	
	N	%	N	%
Age 25 - 49	33	76.7%	11	84.6%
Age 50 +	10	23.3%	2	15.4%

	2015-16	2017-18
Median Age	45	43
Youngest	34	27
Oldest	58	67

2018-19 ANNUAL PROGRAM REVIEW

Fire Officer

	2015-16		2017-18	
	Enrollment	Success	Enrollment	Success
African American	2	100.0%	0	0.0%
Asian	3	100.0%	2	100.0%
Hispanic	6	100.0%	0	0.0%
White Non-Hispanic	38	100.0%	10	100.0%
Two or more races	1	100.0%	0	0.0%
Other	0	0.0%	1	100.0%
Unknown	2	100.0%	0	0.0%

	2015-16		2017-18	
	Enrollment	Success	Enrollment	Success
Age 25 - 49	40	100.0%	11	100.0%
Age 50 +	12	100.0%	2	100.0%

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

2018-19 ANNUAL PROGRAM REVIEW

Fire Officer

COURSE SUCCESS

	2015-16		2017-18	
	Enrollment	Success	Enrollment	Success
Male	45	100.0%	13	100.0%
Female	7	100.0%	0	0.0%

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

* 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.

2018-19 ANNUAL PROGRAM REVIEW

Fire Officer

2018-19 COURSE STATISTICS

FIRE OFFICER PRODUCTIVITY* (2018-19): % FULL TIME INSTRUCTORS** (2018-19): % ADJUNCT INSTRUCTORS** (2018-19):											
---	--	--	--	--	--	--	--	--	--	--	--

FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
		---					0.0%					---
Total		---					0.0%					

2018-19 ANNUAL PROGRAM REVIEW

South Bay Regional PSTC



SOUTH BAY REGIONAL PSTC SUMMARY

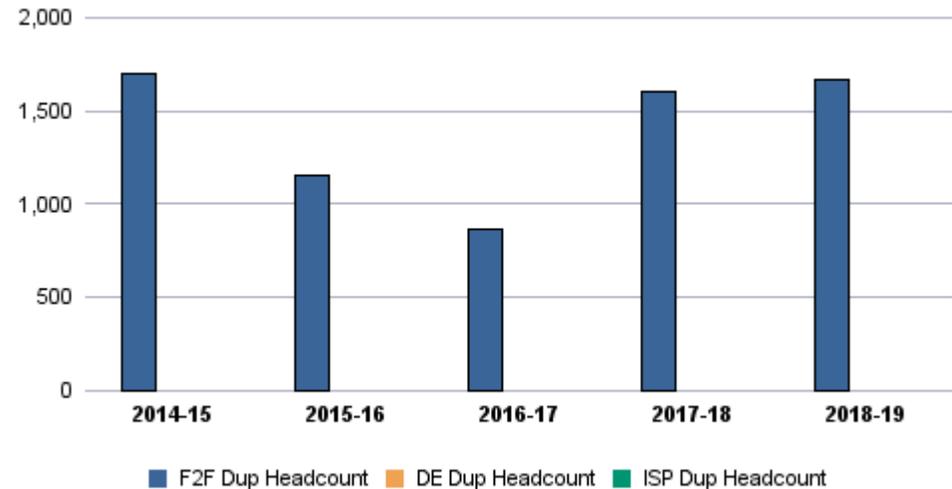
This report contains data from Academic Year (AY) 2014 to 2018. Information on program size based on full-time equivalent students (FTES), Student Success, and Student Achievement are presented below.

	Total Sections	F2F Sections	Dist Ed Sections	ISP Sections	Total FTES	F2F FTES	Dist Ed FTES	ISP FTES	Total Duplicated Headcount	F2F Duplicated Headcount	Dist Ed Duplicated Headcount	ISP Duplicated Headcount
2014-15	60	60	0	0	314.35	314.35	0.00	0.00	1,704	1,704	0	
2015-16	52	52	0	0	236.03	236.03	0.00	0.00	1,150	1,150	0	
2016-17	21	21	0	0	288.03	288.03	0.00	0.00	868	868	0	
2017-18	34	34	0	0	247.20	247.20	0.00	0.00	1,609	1,609	0	
2018-19	55	55	0	0	274.46	274.46	0.00	0.00	1,665	1,665	0	
4-Yr Chg (14-15 to 18-19)	-8.3%	-8.3%	---	---	-12.7%	-12.7%	---	---	-2.3%	-2.3%	---	---
1-Yr Chg (17-18 to 18-19)	61.8%	61.8%	---	---	11.0%	11.0%	---	---	3.5%	3.5%	---	---

RESIDENT FTES



DUPLICATED HEADCOUNT



2018-19 ANNUAL PROGRAM REVIEW

South Bay Regional PSTC

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
African American	48	4.1%	40	4.5%	28	3.6%	42	2.9%	56	4.0%
Asian	65	5.6%	40	4.5%	55	7.0%	80	5.6%	98	6.9%
Hispanic	199	17.1%	161	18.2%	172	22.0%	339	23.7%	404	28.6%
Native Amer/Alaska Native	8	0.7%	2	0.2%	3	0.4%	8	0.6%	7	0.5%
Pacific Islander	7	0.6%	7	0.8%	7	0.9%	14	1.0%	13	0.9%
White Non-Hispanic	648	55.6%	489	55.4%	407	52.0%	684	47.7%	682	48.3%
Two or more races	33	2.8%	27	3.1%	20	2.6%	15	1.0%	18	1.3%
Other	15	1.3%	12	1.4%	5	0.6%	16	1.1%	14	1.0%
Unknown	143	12.3%	105	11.9%	86	11.0%	235	16.4%	119	8.4%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	N	%	N	%	N	%	N	%	N	%
Age < 25	102	8.7%	93	10.5%	76	9.7%	48	3.3%	53	3.8%
Age 25 - 49	906	77.7%	697	78.9%	579	73.9%	1,187	82.8%	1,137	80.6%
Age 50 +	157	13.5%	93	10.5%	128	16.3%	198	13.8%	221	15.7%
Age Unknown	1	0.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

	2014-15	2015-16	2016-17	2017-18	2018-19
Median Age	40	36	43	40	39
Youngest	18	15	18	17	16
Oldest	63	65	68	74	75

2018-19 ANNUAL PROGRAM REVIEW

South Bay Regional PSTC

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
African American	65	100.0%	50	100.0%	36	100.0%	44	100.0%	63	98.4%
Asian	97	100.0%	57	100.0%	67	100.0%	90	100.0%	113	97.3%
Hispanic	297	100.0%	209	100.0%	183	98.9%	355	98.0%	449	97.3%
Native Amer/Alaska Native	8	100.0%	5	100.0%	3	100.0%	8	100.0%	8	75.0%
Pacific Islander	7	100.0%	8	100.0%	7	100.0%	14	100.0%	13	100.0%
White Non-Hispanic	956	99.9%	624	100.0%	444	99.3%	805	97.9%	843	97.9%
Two or more races	50	100.0%	35	100.0%	22	100.0%	16	100.0%	28	100.0%
Other	24	100.0%	16	100.0%	6	100.0%	16	68.8%	15	100.0%
Unknown	200	100.0%	146	100.0%	100	100.0%	261	98.1%	132	97.7%

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Age < 25	122	100.0%	115	100.0%	76	98.7%	50	92.0%	79	96.2%
Age 25 - 49	1,380	99.9%	938	100.0%	655	99.4%	1,348	98.0%	1,319	98.4%
Age 50 +	201	100.0%	97	100.0%	137	100.0%	211	98.6%	266	94.4%
Age Unknown	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%

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

2018-19 ANNUAL PROGRAM REVIEW

South Bay Regional PSTC

COURSE SUCCESS

	2014-15		2015-16		2016-17		2017-18		2018-19	
	Enrollment	Success								
Male	1,617	99.9%	1,090	100.0%	833	99.5%	1,475	98.0%	1,490	97.6%
Female	86	100.0%	57	100.0%	34	97.1%	133	96.2%	173	98.3%
Unknown	1	100.0%	3	100.0%	1	100.0%	1	100.0%	1	100.0%

2018-19 ANNUAL PROGRAM REVIEW

South Bay Regional PSTC

2018-19 COURSE STATISTICS

SOUTH BAY REGIONAL PSTC PRODUCTIVITY* (2018-19):											479.25
% FULL TIME INSTRUCTORS** (2018-19):											0%
% ADJUNCT INSTRUCTORS** (2018-19):											100%

FACE TO FACE	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
CRJ-191AD ST: Law Enforce Gang Training	1	0.0%	0%	100%	605.0	605.0	100.0%	100.0%	33.98	1,513	0.05	9,680.06
FIR-162A Prof. Firefighter Train Part 1	7	0.0%	0%	100%	36.1	36.1	100.0%	94.9%	43.28	2,087	1.20	578.29
FIR-162B Prof. Firefighter Train Part 2	5	0.0%	0%	100%	47.4	47.4	100.0%	93.7%	82.48	3,970	1.74	758.40
DISTANCE EDUCATION	Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTEs	WSCH	FTEF	Productivity
		---					0.0%					---
Total		---					0.0%					

* 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.

FIR-180F FAD/O 1A: Emerg Vehicle Ops	1	0.0%	0%	100%	17.0	17.0	100.0%	100.0%	1.20	55	0.07	272.00
FIR-180G FAD/O 1B: Pump Operations	2	0.0%	0%	100%	15.5	15.5	100.0%	100.0%	2.30	101	0.14	248.00
FIR-181A Company Officer 2A: HR Mgmt	2	50.0%	0%	100%	12.0	12.0	100.0%	100.0%	0.91	42	0.07	192.00
FIR-181B Company Officer 2B: Gen Admin	2	50.0%	0%	100%	8.0	8.0	100.0%	100.0%	0.37	16	0.04	128.00
FIR-181C Company Ofc 2C: Fire Insp-Invs	2	50.0%	0%	100%	8.0	8.0	100.0%	100.0%	0.61	28	0.07	128.00
FIR-181D Company Ofcr 2D: All-Risk Comm	3	0.0%	0%	100%	6.3	6.3	100.0%	100.0%	1.45	67	0.22	101.33
FIR-181E Company Ofc 2E: WldInd Incdnt	4	75.0%	0%	100%	11.0	11.0	100.0%	100.0%	0.84	39	0.07	176.00
FIR-182A Chief Fire Ofcr 3A: HR Mgmt	1	0.0%	0%	100%	21.0	21.0	100.0%	100.0%	1.04	53	0.05	336.00
FIR-182C Chief Fire Ofcr 3C: Gen Admin	1	0.0%	0%	100%	17.0	17.0	100.0%	100.0%	0.78	34	0.04	272.00
FIR-182D Chief Fire Ofcr 3D: Emerg Serv	1	0.0%	0%	100%	13.0	13.0	100.0%	100.0%	0.59	26	0.04	208.00
FIR-190A ECFO 4A: HR Mgmt	1	0.0%	0%	100%	17.0	17.0	100.0%	100.0%	0.91	43	0.05	272.00
FIR-190B ECFO4B: Cmnty-Govt Relations	1	0.0%	0%	100%	18.0	18.0	100.0%	100.0%	0.36	18	0.02	288.00
FIR-190C ECFO4C: Admin for ECFO	1	0.0%	0%	100%	15.0	15.0	100.0%	100.0%	0.86	41	0.06	240.00
FIR-190D ECFO4D: Emerg Serv Delivery	1	0.0%	0%	100%	18.0	18.0	100.0%	100.0%	1.37	63	0.07	288.00
FIR-190E ECFO4E: Health-Safety	1	0.0%	0%	100%	16.0	16.0	100.0%	100.0%	0.46	20	0.03	256.01
FIR-191HR ST: I-300: Intermediate ICS	2	0.0%	0%	100%	13.0	13.0	100.0%	100.0%	0.50	52	0.08	208.00
FIR-191HS ST: I-400: Advanced ICS	2	0.0%	0%	100%	17.0	17.0	100.0%	100.0%	0.67	51	0.06	272.00
HEA-139 Intro Outdoor Emergency Care	8	50.0%	0%	100%	3.3	3.3	100.0%	100.0%	2.75	137	0.88	52.00

2018-19 ANNUAL PROGRAM REVIEW

South Bay Regional PSTC

2018-19 COURSE STATISTICS

SOUTH BAY REGIONAL PSTC PRODUCTIVITY* (2018-19):											479.25
% FULL TIME INSTRUCTORS** (2018-19):											0%
% ADJUNCT INSTRUCTORS** (2018-19):											100%

FACE TO FACE		Sections Offered	Cancel %	FT % **	Adjunct % **	Avg Census Enroll	Avg End of Term Enroll	Retention % ***	Success % ***	FTES	WSCH	FTEF	Productivity
HEA-140B	Emergency Medical Technician	1	0.0%	0%	100%	9.0	8.0	88.9%	62.5%	2.39	142	0.33	144.00
Total		66	16.7%	0%	100%	30.3	30.3	99.9%	97.7%	274.46	12,980	9.23	

2019-21 GOALS

Adopted _____

- 1** Reimagine financial support services for students to increase access to financial aid, loans, and on-campus student employment.
- 2** Build out a completion-focused Lake Tahoe College Promise program in alignment with the Promise Scholars Program replication metrics.
- 3** Solidify Guided Pathways in LTCC's campus systems and the student experience.
- 4** Improve the quality of LTCC's distance education through enhanced instructor development, student support, and career education offerings.
- 5** Enhance housing services for students; maximize current housing opportunities while exploring additional options once demand is proven.
- 6** Plan and design modernization project improving classrooms, labs, and student support areas.
- 7** Focus advocacy efforts to secure local, state, and federal funds for the Lake Tahoe Basin Public Safety Training Center.
- 8** Partner with LTCC Foundation to develop a Lake Tahoe College Promise endowment and expand scholarships.





Superintendent/President & Board Goals

Academic Years 2019-20 & 2020-2021

Lead LTCC to achieve its vision of becoming California’s Premier Destination Community College.

The following are goals, strategies, and outcomes developed by the Lake Tahoe Community College Superintendent/President and Board of Trustees for the 2019-20 academic year. Please note:

- ⇒ A **goal** is a broad primary outcome.
- ⇒ **Strategies** are the approaches taken to achieve a goal.
- ⇒ An **outcome** can be quantitative or qualitative; outcomes are specific and measurable aspects of goals and strategies.

Academic Year 2019-20

GOAL 1: REIMAGINE FINANCIAL SUPPORT SERVICES FOR STUDENTS TO INCREASE ACCESS TO FINANCIAL AID, LOANS, AND ON-CAMPUS STUDENT EMPLOYMENT.

- Strategies:**
- Develop a comprehensive Financial Aid communication plan.
 - Remove redundant and unnecessary locally-determined Pell verification steps.
 - Outline clear practices for “Coyotes at Work.”
 - Increase Financial Aid outreach to on-campus and high school students.
 - Develop required loan counseling and methods for informing students of financial resources.

OUTCOMES



- *Increase the number of students accessing Pell Grant monies from those students identified as Pell eligible. Specifically, increase LTCC’s Pell uptake rate by 5%.*
- *Consolidate opportunities for students to access financial resources on campus.*
- *Increase the number of Financial Aid workshop opportunities so students are better informed and educated.*
- *Increase student employment on campus as measured by the number of student workers, total amount of student employment funds, and average weekly hours per student employee.*

GOAL 2: BUILD OUT A COMPLETION-FOCUSED LAKE TAHOE COLLEGE PROMISE PROGRAM IN ALIGNMENT WITH THE PROMISE SCHOLARS PROGRAM REPLICATION METRICS.

- Strategies:**
- Launch a “Promise Day” pilot in fall of 2019 and review and expand for fall 2020.
 - Develop and strengthen retention activities, specifically training faculty to engage and support struggling students earlier.
 - Establish a faculty-driven early alert process.
 - Review right to fail vs. need for support.
 - Develop “Teaching Talks” on early intervention and support.
 - Develop Promise Student Outreach reports in LTCC Reports.

OUTCOMES

- *90% fall-winter term student retention among Promise cohort.*
- *Early alert process is put in place for Promise students in their Promise block courses.*

GOAL 3: SOLIDIFY GUIDED PATHWAYS IN LTCC’S CAMPUS SYSTEMS AND THE STUDENT EXPERIENCE.

- Strategies:**
- Integrate Degree Audit, Education Planning, and Early Alert notifications, and increase website clarity.
 - Implement phase II of Degree Audit:
 - Counseling and other student services staff trained on use of Degree Audit.
 - Addition of Degree Audit elements for students who have credits from other educational institutions.
 - Engage students in their Meta Majors through the Coyote Kick-Off Event and other year-round Meta Major events.
 - Ensure the mapping of degrees and scheduling processes are tied together for clear pathways.
 - Launch bi-yearly schedule development, leading to clear and predictable pathways for students.
 - Explore a greater connection to the ADVANCE network for career services.
 - Integrate 21st Century Work Skills with Guided Pathways and Meta Majors.

OUTCOMES

- *CCCApply integration of Meta Majors by May 2020.*
- *Develop and increase workshop offerings that connect Meta Majors to careers.*
- *Faculty-led Meta Majors groups implement at least one activity per Meta Major to bring students together with co-curricular events.*
- *Launch automatic awarding of degrees spring 2021.*
- *Guided Pathways Dashboard created and shared with campus stakeholders.*
- *Embedded tutoring launched in fall 2019 for Math and English courses.*
- *Increase first-year completion of transfer level English and Math.*

GOAL 4: IMPROVE THE QUALITY OF LTCC'S DISTANCE EDUCATION THROUGH ENHANCED INSTRUCTOR DEVELOPMENT, STUDENT SUPPORT, AND CAREER EDUCATION OFFERINGS.

- Strategies:**
- Train faculty to create rigorous and engaging Career and Technical Education (CTE) online courses using the Canvas Learning Management System.
 - Develop system of Quality Course Review so courses offered meet specific industry standard for rigor, relevance, engagement, accessibility, and connection.
 - Build a system of electronic student progress tracking and determine next steps to success (completion of degrees, certificates, badges, etc.).
 - Develop opportunities for students to earn and stack industry badges and certificates to increase opportunity to obtain employment.
 - Increase staff marketing to reach new and existing students and funnel them into coursework that would help them upskill and enhance their employment opportunities.

OUTCOMES

- *Launch Instructors' Academy with best practices for online instruction, including an onboarding course, introduction to developing engaging online courses, and advanced course by July 2020.*
- *LTCC digital mini course (Student Guide) launched by July 2020.*
- *Programs mapped and badges established with Program Mapper and Badgr.*

Academic Year 2019-21

GOAL 5: ENHANCE HOUSING SERVICES FOR STUDENTS, MAXIMIZE CURRENT HOUSING OPPORTUNITIES WHILE EXPLORING ADDITIONAL OPTIONS ONCE DEMAND IS PROVEN.

- Strategies:**
- Determine the reasons for students opting in or opting out of housing. Conduct research and obtain data on the application pool via focus groups and student survey.
 - Ensure messaging on housing is clear and easily accessible to different populations via the website, printed materials, and departmental communications.
 - Explore other properties that provide similar or enhanced services to the students after proof of concept on the Aspen housing project is achieved.
 - Retain membership and active involvement in the Tahoe Prosperity's Housing Advisory Groups.
 - Remain engaged in advocacy for student and workforce housing state-wide.
 - Integrate housing with other campus support services (mental health services, food pantry, etc.).

OUTCOMES

- *Identify two additional properties with potential to operate as student housing and pricing proposals by March 2021, pending student demand.*
- *Institutionalize housing through the development of policies, procedures, processes, and permanent staffing in support of housing.*
- *Hire and train a housing coordinator and RA.*
- *Achieve and maintain a 95% fill rate for the Aspen housing property.*

GOAL 6: PLAN AND DESIGN MODERNIZATION PROJECT IMPROVING CLASSROOMS, LABS, AND STUDENT SUPPORT AREAS.

- Strategies:**
- Host collaborative meetings to determine the needs vs. wants of the departments and manage expectations within the parameters of the project.
 - Plan staging of construction to work in conjunction with the scheduling of classes.
 - Use Education Master Plan, Guided Pathways, and student-centered best practices to help direct the development of learning and support spaces.

OUTCOMES



- *Maintain expectations of the scope and budget while ensuring feedback from constituents.*
- *Ensure needs of students and classes are met during construction.*
- *Construction kick-off in July 2021.*
- *Data-informed approach to prioritization of the long-term needs of the department and students.*
- *Develop detailed timeline to meet project deadlines as outlined by the state.*

GOAL 7: FOCUS ADVOCACY EFFORTS TO SECURE LOCAL, STATE, AND FEDERAL FUNDS FOR THE LAKE TAHOE BASIN PUBLIC SAFETY TRAINING CENTER.

- Strategies:**
- Use Washington, DC contacts and research to explore federal grants that could support the development of the Lake Tahoe Basin Public Safety Training Center.
 - Create new staff position at LTCC dedicated to government relations and grant development.
 - Partner with City of South Lake Tahoe to identify storage and dedicated space for training equipment.
 - Update Fire Science training program to maintain excellence and accreditation compliance.

OUTCOMES



- *Submit a project proposal to the State of California in support of the Lake Tahoe Basin Public Safety Training Center.*
- *Clarify and document the Master Plan of facilities and services required for Fire Sciences and other LTCC Public Safety programs.*
- *Maintain accreditation status at high level of excellence.*

GOAL 8: PARTNER WITH LTCC FOUNDATION TO DEVELOP A LAKE TAHOE COLLEGE PROMISE ENDOWMENT AND EXPAND SCHOLARSHIPS.

- Strategies:**
- Conduct a feasibility study to identify the donors and dollar amounts that will support an endowment for the Lake Tahoe College Promise.
 - Explore Parasol Tahoe Community Foundation recommendations and investment strategies.
 - Begin development phase of initial fundraising.

OUTCOMES

- *Successful implementation of an initial development phase.*
- *Master Plan created that allows for an endowment fundraising campaign that will support the goals of the Lake Tahoe College Promise Program.*
- *Marketing and campaign plans developed.*

