ACADEMIC MULTI-YEAR CYCLE (2021-2022) (Fire Technology) Latest Version

Multi-Year Program Reviews for Academic Departments/Disciplines:

American Sign Language, Art, Coastal Environmental Studies, Computer Applications Office Technology, Computer Networking/IT, Early Childhood Education, Emergency Medical Technology, Environment Science & Resource Management, Fire Technology (excludes FT R170), History, Political Science, Spanish

AMT 1.0 INSTRUCTIONS

AMT 1.0 Instructions (R3-20210928) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

Dean Sign Off	Sign Off Date
Matthew Jewett	11/4/2021

AMT 2.0 PROGRAM DESCRIPTION AND UPDATE

AMT 2.0.1 Program Description and Update : Version by **Jewett, Matthew** on **11/04/2021 18:39**

2.1 PROGRAM PURPOSE AND DESCRIPTION
Please explain briefly (in 3-4 sentences) the purpose of your program.

This Fire Technology Program Review was prepared by Mike Ketaily (https://www.vcccd.edu/directory/michael-ketaily), Department Chair of Public Safety and Full-Time Fire Tech Faculty. This review focuses on the Fire Technology AS Degree Program, but it also addresses portions of the EMT Program, the Firefighter I/II Academy, the Lifeguard Academy and the Wildland Fire Academy all of which which contribute to the Fire Technology AS Degree.

The **Oxnard College Public Safety Program (https://www.oxnardcollege.edu/public-safety)** is an **Accredited Regional Training Program (https://osfm.fire.ca.gov/divisions/state-fire-training/accredited-academies/)**(ARTP). An ARTP is defined as a partnership between an accredited community college or university and the Office of the State Fire Marshal (OSFM) to deliver approved State Fire Training (SFT) curriculum within a given region. The Oxnard College Public Safety Program educates career, volunteer and industrial fire protection and emergency services students focusing on a **"Students First"** approach to instruction.

The **Fire Technology Program (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology)** provides students with foundational course requirements for certificate programs, two-year degrees and transfers to four-year schools. The Fire Technology Program is thriving. There has been an upswing in the fire department hiring process and many of our students are getting hired before they complete the Fire Tech Program. The upswing in the hiring process is largely due to retirements happening in the Baby Boomer Generation and the growth of the California population, infrastructure and economy. The OC Fire Technology Program has **increased the number and percentage of completers who earn a regional living wage.**

The Oxnard College Fire Technology Program is located at a state of the art training facility on the Camarillo Airport. The facility is shared between the Oxnard College Public Safety Program, the **Ventura County Fire Department (https://vcfd.org/)** and the Ventura County Sheriff Department. **The Oxnard College Fire Technology Program has increased opportunities to access and provides multiple pathways for student success**. Students can earn an AS Degree in Fire Technology; AS Degree in Fire Company Officer; Certificate of Achievement in Fire Technology; Certificate of Achievement in Fire Company Officer: Certificate of Achievement in the State Certified Firefighter I/II Academy; Proficiency Award in EMT; Proficiency Award at a Wildland Fire Academy; and a Proficiency Award in the United States Lifeguard Academy/State Fire Training Open Water Rescue Academy.

AMT 2.0.2 Program Description and Update : Version by **Jewett, Matthew** on **11/04/2021 18:39**

# of full-time faculty	# of part-time faculty	# of sections offered	# of full/part-time classified professionals who directly support your program
1	27	33	31

AMT 2.0.3.1 Program Description and Update : Version by **Jewett, Matthew** on **11/04/2021 18:39**

2.3 PROGRAM UPDATE

If significant changes occurred in your program since your last report (e.g., faculty retirements, budget cuts, new grant funding, new faculty hires, reduction or increase in sections offered, new partnerships, etc.), please describe them here.

During this review period, the Public Safety Program has received generous and greatly appreciated support from **Oxnard College** (https://www.oxnardcollege.edu/), the **VCCCD (https://www.vcccd.edu/)** and the **Oxnard College Foundation** (https://www.oxnardcollege.edu/college-information/foundation)(Connie Owens). This support contributed to the National and Statewide Recognition awarded to the Public Safety Program and again is greatly appreciated.

Since the last Multi-Year review there have been the following significant changes:
- **Covid Pandemic** - Public Safety Instruction Continues!
- The **Firefighter I/II Academy** received **Nationa**l and **Statewide** recognition
- The **Firefighter I/II Academy** successfully completed an extensive California State Fire Marshal Accreditation Review
- The **Fire Technology** Program successfully completed an extensive **International** Accreditation Review
- The **EMT Program** successfully completed an extensive **County** of Ventura Accreditation Process
- The **EMT Program** successfully completed an independent audit by the Ventura County EMS agency and was cleared of allegations

The Covid-19 pandemic temporarily impacted the delivery of classes at Public Safety. After a brief suspension of classes, the **Firefighter I/II Academy** returned to "in-person" instruction, EMT continued in a hybrid format and all Fire Tech classes were delivered online. The Public Safety Program quickly **aligned curriculum with new and emerging knowledge and technologies to ensure students are prepared to participate in the rapidly changing world.** This quick transition allowed the Fire Technology Program to continue to transform lives by offering equitable access to multiple educational and career pathways.

The nationally recognized **Bellwether College Consortium (https://bellwethercollegeconsortium.com/)** awarded the nation's top prize in the **Workforce Development (https://vcreporter.com/2021/02/two-oxnard-college-programs-recognized-fire-academy-takes-national-award/)** category to the **Oxnard College Firefighter I/II Academy**. This nationwide recognition **promotes and enhances Oxnard College's reputation on a national stage!**   During the initial stages of the Covid-19 pandemic, the Firefighter I/II Academy quickly modified and designed a first-of-its-kind hybrid learning program. The development of this program provided excellent **educational opportunities** for Oxnard College students. The model created at Oxnard College was replicated in firefighting instructional programs across the state.   This replication **enhanced OC's reputation on a statewide level** and helped to ensure that aspiring firefighters could continue and complete their education and training so that vital firefighting positions could be filled without delay. During the pandemic the Firefighter I/II Academy achieved an impressive 100 percent completion rate, 100 percent pass rate on the California State Fire Training certification exam and zero instances of COVID-19 exposures or cases.

The **International Fire Service Accreditation Congress (https://ifsac.org/)** (IFSAC) conducted (2019) an extensive, accreditation evaluation of the **Fire Technology Program (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology)**. The Program Accreditation Evaluation was successful and the Fire Technology Program at Oxnard College is the **only** IFSAC accredited two-year Fire Technology degree program in **the State of California**. Program Re-Accreditation will occur in the Spring of 2025.

The **California State Fire Marshal Office (https://osfm.fire.ca.gov/divisions/state-fire-training/)** completed an extensive Accreditation Review of the Fire Academy in the Spring of 2020. The Fire Academy successfully passed this review.

The **California Community College's Board of Governors (https://www.cccco.edu/About-Us/News-and-Media/Press-Releases/2021-exemplary-program-awards)** awarded the Oxnard College Public Safety Program for being able to immediately transition to a hybrid format during the COVID-19 pandemic. Virtually every student in the spring 2020 cohort successfully passed the course and state certification testing. The Board of Governors awarded the Public Safety Program with the 2021 **Exemplary Award - Honorable Mention. (http://Oxnard College\u2019s Public Safety Department for having one of few college Fire Academy programs able to immediately transition to a hybrid format during the COVID-19 pandemic. Virtually every student in the spring 2020 cohort successfully pass the course and state certification testing.)**

2021 Bellwether Award Winner	**International Fire Service Accreditation Congress**	**Board of Governors - CCC**
Oxnard College Fire Academy	**2020 Fire Technology National Accreditation**	**2021 Exemplary Award**
Public Safety		
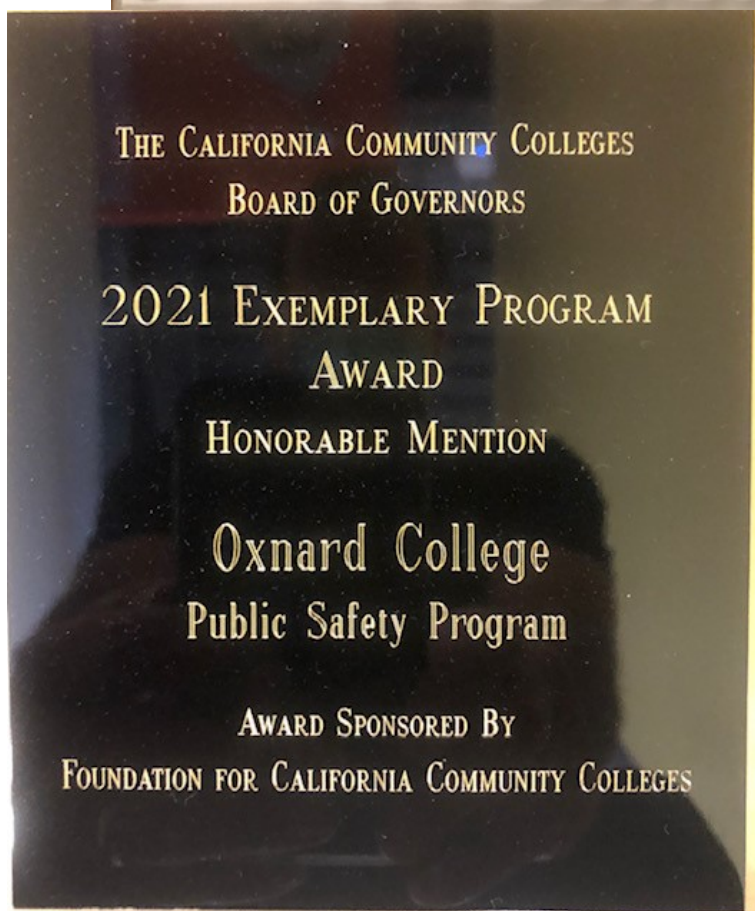
- During this review period, **Matthew Jewett (https://www.vcccd.edu/directory/matthew-jewett)** was hired in the Fall of 2019 as the Assistant Dean of Public Safety. Matt made an immediate and positive impact not only on the Public Safety Program, but Oxnard College as well. His "transformative" leadership style has allowed him to make major, positive additions and changes with full support of faculty and classified personnel. Oxnard College recognized the need to make this Assistant Dean position into a Dean Position. Matt with many others, entered the highly competitive selection process and was chosen as the Dean of Public Safety on July 27th, 2021. Matt's statewide influence, extensive "fire/education" network and decision making ability have allowed him to transform the Public Safety program into a National Leader.   His leadership during the Covid-19 pandemic laid the foundation for the national Bellwether Award. **He is equity minded and secured Oxnard College as an EMT, Firefighter and Paramedic written exam testing center which directly and positively impacts student success and opportunites!!**.   Matt Jewett is someone that Oxnard College should do everything in it's power to secure well into the future. He is a true visionary!!

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- **Administrative Staff** - Our current administrative staff consists of Administrative Assistant, **Berenice Rodriguez (https://www.vcccd.edu/directory/berenice-rodriguez)** and Student Worker Chelsea Justrich. Both of them are excellent, however **more administrative staff is desperately needed** to keep up with the new programs that OC offers e.g. AS Company Officer, State Fire Training Requirements, State Certification Testing for Firefighters, Pearson Vue Testing, National Testing Network etc..

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- The previous EMT Program Coordinator was placed on Administrative Leave in 2019. The EMT Program has not had a Program Coordinator in almost two years. There is a general lack of leadership, distrust and extremely poor communications among Faculty in the EMT Program.   This situation is having a negative impact on staff and there are unresolved personnel conflicts within the Faculty of the EMT Program. **Immediate attention is warranted by Oxnard College or this situation could deteriorate quickly and have a negative impact on student success and Oxnard College. A temporary, full-time, EMT Program Coordinator needs to be hired as soon as possible**. **(Resource Request).**

- The Public Safety Program **has not** been given the authority to hire for the EMT Program Coordinator position. During this period, two OC Adjunct Long-Time EMT Instructors have admirably been performing in the roles of "Co-EMT Program Coordinators".   Both are excellent EMT instructors but both Co-Coordinators have full-time jobs and family demands outside of Oxnard College and both have stated that they cannot keep up with the demands of the current EMT Coordinator position. Both EMT Co-Coordinators have given notice that they **will not be teaching EMT in Spring of 2022**. This current "Co-Coordinator" structure has left the EMT Program with serious voids in leadership, communications, teamwork and teaching styles. It has also led to personal, unresolved conflict between members of the EMT Program. Recently a complaint was filed against the OC EMT Program, alleging that one instructor of the EMT program was in non-compliance of applicable regulations and/or VCEMS policies and procedures.**.** This complaint was lodged with the **Ventura County EMS Agency (https://www.vchca.org/ems)**. The VC EMS Agency launched an extensive audit and made the following conclusion refuting all allegations contained in the complaint:
  - *"Although there may be some opportunities for improvement related to consistency amongst the various EMT classes offered at the Oxnard College EMT Training Program, there are no findings that support non-compliance of applicable regulations and/or VCEMS policies and procedures. There are opportunities for improved communication, collaboration and coordination for both VCEMS and of the Oxnard College EMT training program, and we support efforts to improve in that area. With the above findings and recommendations, the Ventura County EMS Agency will conclude this review of the Oxnard College EMT Training Program". See the* **FULL REPORT (https://vcccdventura.sharepoint.com/:b:/s/Oxnard/PublicSafety /EYlcUDYxT_ZDojhcQ0weGLkBBeEAGY8h6X8ZSA59E4yhVA?e=itLw2v)** of the OC EMT Audit performed by the VCEMSA.
  - **Strong, effective, immediate leadership is critically needed for the EMT Program. A temporary, full-time, EMT Coordinator needs to be appointed as soon as possible. (Resource Request).**

- Our past **Lifeguard Academy Instructor** and **Instructional Lab Tech**, Mark Findlay has gained employment as a firefighter with the City of Oxnard. The Public Safety Program will need to hire for these vacancies. In the Spring of 2021, 15 students including 5 females graduated from the **OC (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-lifeguard-academy)Lifeguard Academy (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-lifeguard-academy)**. One of the females was a 16 year old Oxnard resident. More and more females are entering our Fire Tech and EMT courses. This increases female enrollments in our academies, which in turn increases representation amongst first responders. The Public Safety Program is demonstrating advanced equity minded practices and has increased outreach efforts to female sports programs at OC. If funding permits, the Public Safety Program would like to develop a "summer-bridge" program for interested High School and Jr. High School Students. **(Resource Request).**

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- A pool of Fire Technology instructors was established to fill behind absent instructors in the Fire Tech Program Program and Company Officer delivery of classes.
- The Full-Time Fire Academy Coordinator has requested to not teach their .5 overload and focus on the 1.0 Full-Time Coordinator position only for health reasons. Her instructional over load is a .5. **A new Full-Time Faculty Position** is needed to pickup the .5 instructional load, instruct Company Officer Courses, instruct Chief Officer courses, instruct NWCG courses and develop the Dispatcher Academy. **(Resource Request).**
- An unofficial **Master Employment Tracker** (https://vcccdventura.sharepoint.com/:x:/s/Oxnard/PublicSafety /EdZLuPl_PpJPqf2VYHt8Hb0BrjRGFhNQilreQBd9NX5abQ?e=2O3cW0)has been maintained on gainful employment for our students and graduates. **We can confirm that over 500 students and graduates have been hired by Fire and EMS agencies during this period.** This information was gained from Doodle Polls, Social Media and interactions with students. It is very difficult to track a student once they leave OC and get hired by a Fire or EMS agency.
- All Fire Technology Instructors completed an **Online Teacher Certification Course (https://www.oxnardcollege.edu/online-services/distance-education/online-teaching-canvas)** by the Fall of 2020 and are able to successfully deliver their classes online. All Fire Technology classes were transitioned to online delivery(Covid) for the remainder of Spring of 2020, Fall of 2020 and Spring of 2021. In Fall of 2021, two FTR151 classes are being delivered in person and in the Spring of 2022, the majority of the Fire Tech classes will return to "In-Person" delivery.
    - **Fall of 2021**

FT - Fire Technology

FT R071 - Fire Fighter I/II - State Certification Testing

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	70876		1.5	M T W R F S U 09:00am - 06:00pm	Oxnard Camarillo Airport 108

FT R151 - Fire Protection Organizations

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	71428		3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class
CLOSED	72272		3.0	M 07:00pm - 09:50pm	Oxnard Camarillo Airport 109
CLOSED	72257		3.0	W 02:00pm - 04:50pm	Oxnard Camarillo Airport 111

FT R152 - Fire Prevention Technology

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	72278	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R154 - Fire Behavior and Principles of Combustion

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	72291	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R155 - Fire Protection Equipment and Systems

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	72292	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R157 - Wildland Fire Control

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	71689	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R158 - Principles of Fire and Emergency Services; Safety and Survival

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	70140	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R160 - Fire Tactics and Strategies

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	75800	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R161 - Building Construction for Fire Protection

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	73274	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

FT R167 - Fire Equipment and Apparatus

Status	CRN	Pre/Coreq	Cred	Meeting Time	Location
CLOSED	77084	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.	Oxnard Online Class

Spring 2022

FT - Fire Technology

FT R090 - USLA Lifeguard Academy I

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	33330		3.0			S	U	07:00am - 04:50pm		Oxnard Ventura HARBOR
				&			F	05:00pm - 07:50pm		Oxnard Camarillo Airport 104

FT R151 - Fire Protection Organizations

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	30708		3.0			W		01:00pm - 03:50pm		Oxnard Camarillo Airport 111
OPEN	30779		3.0	Distance Education Class: Click CRN for requirements.						Oxnard Online Class
OPEN	31004		3.0		T			05:00pm - 07:50pm		Oxnard Camarillo Airport 111

FT R152 - Fire Prevention Technology

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	31080	Pre/Coreq	3.0		T			08:30am - 11:20am		Oxnard Camarillo Airport 111

FT R154 - Fire Behavior and Principles of Combustion

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	31071	Pre/Coreq	3.0	M				01:00pm - 03:50pm		Oxnard Camarillo Airport 111

FT R155 - Fire Protection Equipment and Systems

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	31087	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.						Oxnard Online Class

FT R157 - Wildland Fire Control

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	32756	Pre/Coreq	3.0		T			01:00pm - 03:50pm		Oxnard Camarillo Airport 111

FT R158 - Principles of Fire and Emergency Services; Safety and Survival

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	30591	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.						Oxnard Online Class

FT R160 - Fire Tactics and Strategies

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	30543	Pre/Coreq	3.0			W		04:00pm - 06:50pm		Oxnard Camarillo Airport 108

FT R161 - Building Construction for Fire Protection

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	31100	Pre/Coreq	3.0			W		04:00pm - 06:50pm		Oxnard Camarillo Airport 111

FT R167 - Fire Equipment and Apparatus

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	31110	Pre/Coreq	3.0			W		07:00pm - 09:50pm		Oxnard Camarillo Airport 111

- The Oxnard College Public Safety Program now offers a **Fire Company Officer AS Degree (https://www.oxnardcollege.edu/public-safety/company-officer-series)** geared towards "In-Service" Firefighters. Students completing all of the required general education and the following State Fire Marshal Courses offered at Oxnard College will earn a Company Officer AS Degree:
  - FT R160 - Fire Tactics and Strategy
  - FT R200 - Human Resource Management for Company Officers
  - FT R210 - General Administrative Functions for Company Officers
  - FT R220 - Fire Inspections and investigations for Company Officers
  - FT R230 - All Risk Command for Company Officers
  - FT R231 - Introduction to the Incident Command System
  - FT R232 - Hazardous Materials Incident Commander
  - FT R240 - Wildland Incident Operations for Company Officers
  - FT R241 - Intermediate Fire Behavior
  - FT R250 - Instructional Methodology, Instructor
  - FT R251 - Ethical Leadership for Instructors
  -
  - **Oxnard and Fillmore Firefighters - FT R200 - Human Resource Mgmt.**
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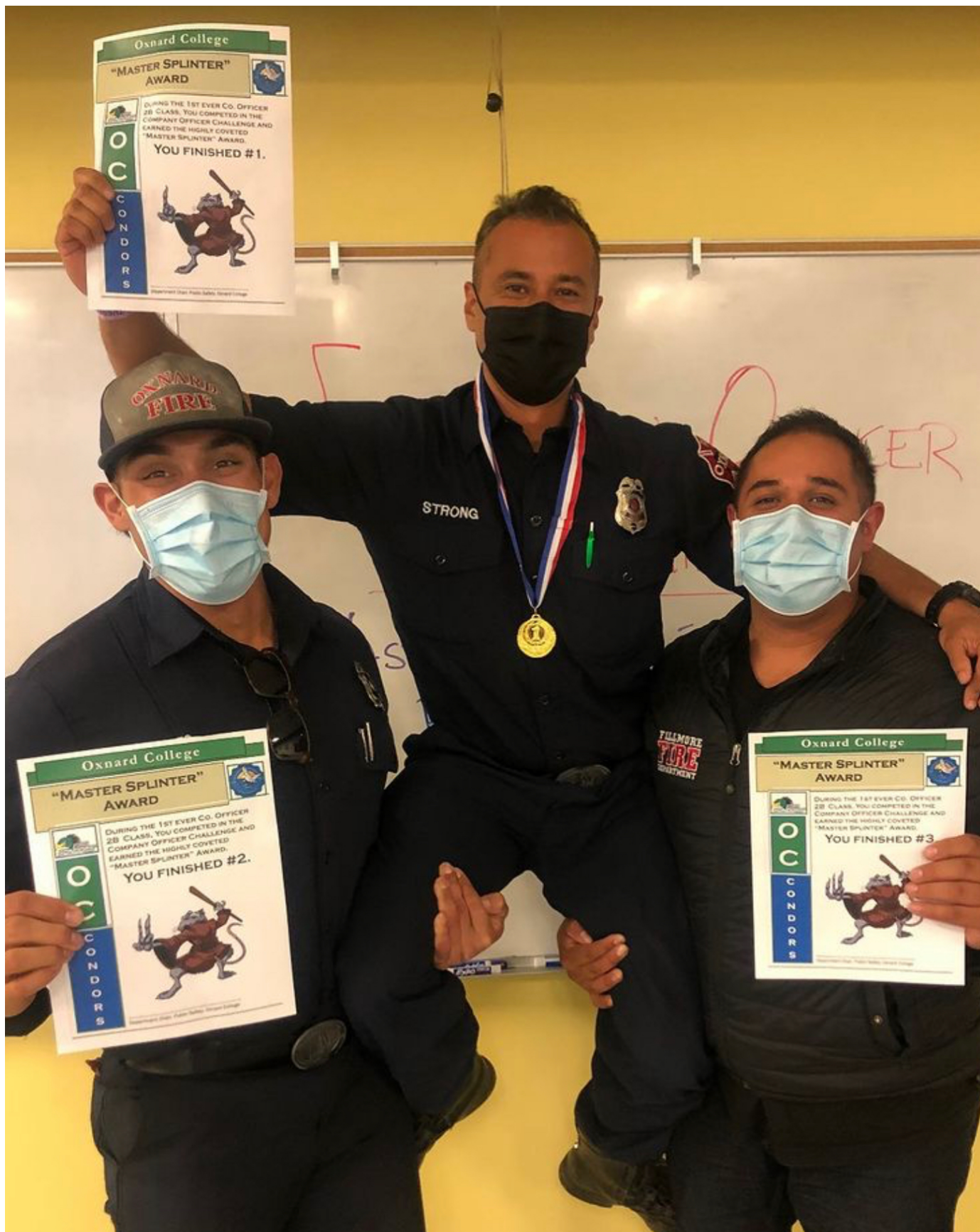
Successful delivery of the Company Officer Series of courses began Fall of 2021. Candidates earning this degree will also be on their way to **Company Officer Certification** (https://osfm.fire.ca.gov/divisions/state-fire-training/cfstes-professional-certification/company-officer/) with the **California State Fire Marshal Office (https://osfm.fire.ca.gov/divisions /state-fire-training/)**. Local fire and EMS agencies have demonstrated that they are highly interested in this Program and in Higher Education for their firefighters (See Fire Tech Advisory Notes). The much needed and requested delivery of these courses place an unmanageable demand on our current administrative staffing levels. The Public Safety Program is requesting an **Office Technician** to help manage the total delivery of all aspects State Fire Training Courses**(Resource Request).**

- An **"Instructional Service Agreement"** was created between Oxnard College and local fire agencies. Oxnard College is now offering the course, FT R074, to local fire agencies. FT R074 is an in-service fire training course that updates, improves, and assesses the knowledge, skills, and abilities of fire crews. This course provides current knowledge and

techniques needed to maintain and improve fire service skills. Topics may include fire service administration, suppression, emergency medical services, fire prevention, wellness and fitness, rescue, leadership/management, and command and control. During the course, students complete Emergency Medical Technician (EMT)-1 re-certification and wildland/urban interface training. Other topics include hazardous materials, weapons of mass destruction, Motor Vehicle Incident (MVI)Mass Casualty Incident (MCI) training, Aircraft Rescue Firefighting (ARFF), and incident command position responsibilities. This course satisfies annual mandatory continuing education requirements of local Fire Agencies, Ventura County Health Department, the California State Fire Marshals Office, and appropriate sections of the California Code of Regulations. The administration of tracking, coordinating, scheduling, documentation of over 450 students per semester is an overwhelming task for Public Safety current administrative staffing. The Public Safety Program is requesting an "**Instructional Service Agreement Coordinator**" to help manage the total delivery of all aspects of the Instructional Service Agreement**(Resource Request).**

- **State Certification Testing for Firefighters -** In Fall of 2021, the Public Safety Program delivered "FTR174". This is a State Certification Testing Class for Firefighters conducted at Oxnard College. The Public Safety Program is recognized as an Accredited Regional Training Program and is required by State Fire Training to administer the class. This was class recently concluded and OC had 28 "In-Service Firefighters participate in the class.   Firefighters were administered written exams and performed manipulative evolutions while being evaluated for State Certification. Firefighters as far as Ontario were enrolled in the class and it lasted 7 days. The delivery of this class increases educational opportunities for OC Students and promotes the reputation of OC on a County/State wide basis.

- <u>Oxnard Firefighters at FT R174 - Firefighter State Certification Testing</u>

- <u>Ventura County Firefighters at FT R174 - Firefighter State Certification Testing</u>

- **Hueneme High School EMR DELIVERY -** "Emergency Medical Responder" - EMT R109 began delivery at Hueneme High School. 18 dual enrolled students began this course in January of 2020. This class was cut short by the Covid Pandemic and was unable to be completed. With the departure of the previous EMR instructor, a new one will need to be hired.
- **Construction of the new Apparatus Bay began in 2020-2021**. The Dean and the Dept. Chair of Public Safety meet weekly with Construction Company Representatives and OC Representatives. Communication is excellent and OC Staff certainly appreciate the updates at the weekly meetings. This project has suffered a series of delays due to Covid, supply chain issues and subcontractor issues. The projected completion date is now Spring of 2022.

- **The Firefighter I/II Academy** (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-regional-fire-academy) has **new prerequisites (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-regional-fire-academy/apply-to-the)**. Thorough reviews of the old Firefighter I/II prerequisites were conducted during Department Meetings and Fire Tech Advisory Meetings. It was decided to establish the following prerequisites for entrance into the Firefighter I/II Academy:
  - National Registry of Emergency Medical Technician-NREMT (Must be completed by time of application).
  - The following courses/requirements are prerequisites and must be completed prior to Fire Academy *start date*
  - FT 151 - Fire Protection Organizations*
  - FT 154 - Fire Behavior and Combustion*
  - FT 158 - Firefighter Safety and Survival*
  - FT 160 - Fire Strategy and Tactics*
  - FT 167 - Fire Apparatus and Equipment*
  -
- Oxnard College Fire Tech has been designated as a Pearson Vue and National Testing Network testing center.
- Social Media Impact - The Public Safety Program maintains a very positive presence on social media thru a **Facebook Page (https://www.facebook.com/Oxnard-College-Fire-AcademyFire-Technology-200078756697248/)** and an **Instagram Account (https://www.instagram.com/oxnardcollegefireacademy/?hl=en)**. Thousands of students, future students, parents and industry experts can be reached immediately.   Highlights of our social media are Fire Cadet Interviews, pictures of our students, upcoming course offerings and announcements, job openings and local fire department news. The social media presence allows the Public Safety Program to **enhance primary and middle-school outreach, expand high-school outreach efforts and showcase student, alumni, and employee achievement!**

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Oxnard College Fire Academy/Fire Technology

Posted by Mike Ketaily

Sep 21 · 🌐

The OC Fire Academy and Staff are committed to your pursuit and success in attaining your dream jobs. The OC Fire Academy has received national acclaim and recently received the Bellwether Award.

There are many staff members not pictured in this photo and we are very grateful for their efforts!!!!

oxnardcollegefir... ⌄ ⊞ ☰

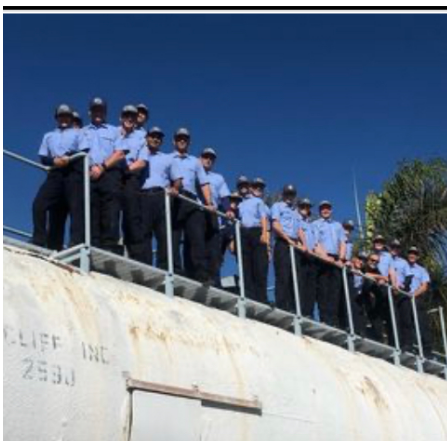## View Professional Dashboard

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676 (34%) **Women**   **1.3k** (65%) **Men**

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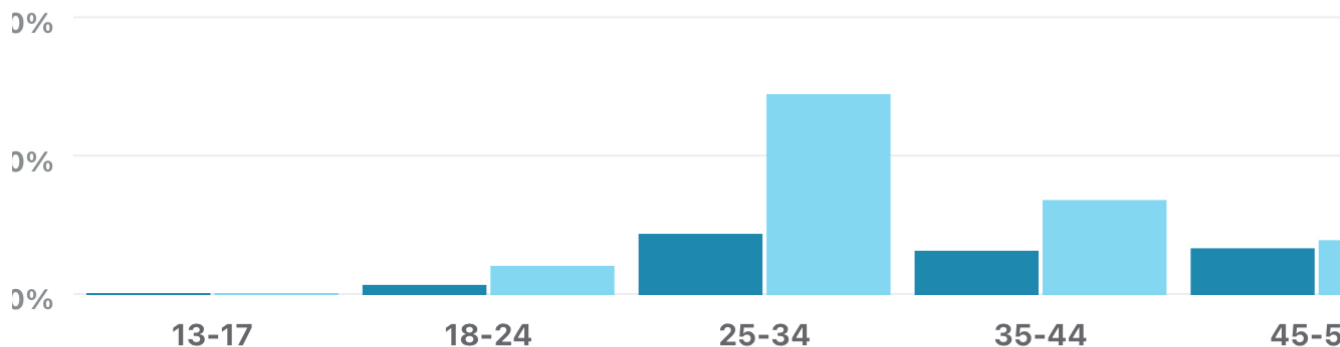
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Cities   **Countries**

Oxnard, CA	218
Ventura, CA	175
Simi Valley, CA	130
Los Angeles, CA	120
Thousand Oaks, CA	117

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AMT 2.0.3.2 Program Description and Update : Version by **Scariano Willers, Renee** on **11/30/2021 18:24**

2.4 REVIEWER'S COMMENTS ON SECTIONS 2.1 THRU 2.3

Great description. It is clear and informative. Several impressive strengths were noted: awards, various degrees, and effective adaptation during COVID.

AMT 3.0 EDUCATIONAL MASTER PLAN (EMP) ALIGNMENT

AMT 3.0.1 Educational Master Plan (EMP) Alignment (R2-20210927) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

3.1 OBJECTIVES AND ACTION STEPS FROM PREVIOUS ACADEMIC YEAR
Please list your program's Objectives and Action Steps from the previous program review and provide an update on your progress toward meeting those objectives.

Goals, objectives and action steps focused on providing the best product possible to our students while dealing with the Covid-19 Pandemic. Developing and delivering this product was very successful and the **Program earned nationally-recognized and state-wide awards**. Focused efforts were made on hiring panels, a new Company Officer AS Degree, In-Service Firefighter Higher Education, **increased testing access/opportunities for OC students** and the establishment of a Firefighter State Certification Testing Program at OC.

- **Full-Time Fire Academy Instructor.** Jack Twitchell was hired in the Fall of 2020 as the full-time Faculty Fire Academy Instructor. Jack is a retired Fire Captain II from the Arcadia Fire Department and a long-time OC Professional Expert. He has provided immediate leadership and consistent instruction for the Oxnard College Fire Academy. He is currently in his 2nd year of his tenure process.

Jack Twitchell
Fire Academy Instructor

- **Wildland Academy Instructor.** David Latham was hired in January of 2021. Dave is a retired Captain from Cal-Fire. He has provided excellent instruction and brought much needed "brush" firefighting experience to our Wildland Fire Academy. Dave also teaches EMT classes for Oxnard College.

Dave Latham
Wildland Academy Instructor

- **Establish Company Officer AS Degree -** A new **Company Officer AS Degree (https://www.oxnardcollege.edu/public-safety/company-officer-series)** has been created and classes for this degree have been approved thru the curriculum process. **State Fire Training - Company Officer classes (https://osfm.fire.ca.gov/divisions/state-fire-training /cfstes-professional-certification/company-officer/)** began delivery at OC in the Fall of 2020. More Company Officer classes are scheduled for Spring of 2022. Local Fire Agencies are responding extremely favorably to the State Fire Training curriculum.
- **Apparatus Bay (Fire Engine Garage) Construction** - The apparatus bay has experienced many delays. Original completion date has been extended and the new completion date is February of 2022. The Fire Academy is making it work by parking all vehicles outside and storing equipment in large containers. Reps of OC will continue weekly meetings communications with contractors until project completion.
- **National Testing Network -** Oxnard College Public Safety has established itself as a **"National Testing Network" (https://www.nationaltestingnetwork.com/publicsafetyjobs/)** testing location. The National Testing Network administers Fire Department entry level written exams for many fire agencies including the Oxnard Fire Department. OC administered the first exam in Spring of 2021 and has administered two additional exams. **The delivery of this test at the OC Public Safety Facility increases access for OC students and demonstrated advanced equity minded practices.**
- **Pearson VUE Testing** - Oxnard College Public Safety has established itself as a **"Pearson Vue Testing Center." (https://home.pearsonvue.com/Test-centers.aspx)** In January of 2021, OC conducted it's first test and now at the end of each semester we offer a **Nationally Recognized Emergency Medical Technician (https://www.nremt.org/)** (NREMT) written exam. OC also has the ability to offer a Paramedic written exam. **The ability to administer these occupational written exams at the OC Public Safety Facility increases access for OC students and demonstrates advanced equity minded practices.**
- Establish Oxnard College as a **State Certification Firefighter Examination Evaluation Testing Program**. This was completed and In Fall of 2021, the Public Safety Program delivered "FT R174". This is a State Certification Testing Class for Firefighters conducted at Oxnard College. Some of the participating firefighters were from the Oxnard Fire Department and the Ventura County Fire Department (Pictured below).

Oxnard Fire Department - State Certification Testing at OC

Ventura County Fire Department - State Certification Testing at OC

3.2 OBJECTIVES AND ACTION STEPS FOR THE CURRENT ACADEMIC YEAR

Please list your program's Objectives and Action Steps for the **current** Academic Year.

1. **Immediately** Hire Full-Time Temporary EMT Program Coordinator - Complete this hire as soon as possible. The Public Safety Division and programs desperately needs this position filled and is awaiting word from Oxnard College before proceeding. The lack of leadership in this position has caused unresolved conflict between the EMT Faculty.
2. Complete the Apparatus Bay Project and name it the **"Ed French Apparatus Bay"**. District Board Meeting is on November 9th and this is on the agenda. Resolution has been written. Continue weekly meetings with involved parties until completion. Continue to pursue naming the project thru VCCCD Board Resolution.
3. Hire a Lifeguard Academy Instructor - (Hiring Process Started)
4. Hire an Office Technician for State Fire Training Courses **(see Resource Request)**
5. Hire an Instructional Service Agreement (ISA) Coordinator for the coordination of ISA Courses **(see Resource Request**).
6. Hire a Full-Time Faculty for Fire Academy **(see Resource Request)**.
7. Purchase a "training fire hydrant" for identification and training purposes **(see Resource Request).**
8. Deliver an "Instructional Services Workshop (ISW)" professional development for all Faculty at Public Safety **(see Resource Request).**

3.3 EXPLAIN ALIGNMENT WITH COLLEGE'S EDUCATIONAL MASTER PLAN GOALS

Explain how your objectives align to the College's EMP goals.

The Public Safety Program and Fire Technology have **"enhanced student success"** by making a conscious effort to be a vital part of the main campus community. Representatives of the Public Safety Program regularly participate in Participatory Governance, Condor Days, OC Expo's, Career Days, Flex Workshops, credit for prior learning, visiting other college fire academy programs, discussing CSLO's and PSLO's at meetings, fire academy facility tours and oral interview preparation. Members of the Public Safety Programs developed and delivered Emergency Training on the Main Campus to ensure employee and student safety. Members of the Public Safety Program have been key players on the Covid Leadership Team regularly participating in meetings, communications and providing leadership. The Fire Tech Program regularly has industry experts speak at speak at classes to offer expert advice on Career Exploration. Members of Public Safety Program established a dual enrollment program at Hueneme High School delivering the preparatory EMT class, "Emergency Medical Responder" to High School Students. The EMT class at Oxnard College is very rigorous and we encourage student to take EMR first if desired. This class has demonstrably improved and enhanced Student Success for the success of future EMT students.

Approximately 25 Oxnard College Counselors scheduled a tour of the Public Safety Facility recently (photo below). The Counselors received a highly participative presentation on the Public Safety Program and a walking tour of the facility. **The partnership with the OC Counselors serves to Streamline matriculation, onboarding, and pathway planning.**

The Public Safety Program has established two really positive relationships with **Dr. Shannon Trefts - Career Counselor and Akadina Amrekhasadeh - Dept. Chair General Counseling.** Both of these counselors have gone above and beyond educating themselves about the Public Safety Program and advising our students as well. With the addition of the Company Officer Series of classes, the Public Safety Program is in need of a full-time Counselor onsite.

The growth of the Public Safety Program has uncovered the **need for a Public Safety Full-Time Counselor.** This position would maintain MOU's, help to increase the number of degrees and COA's awarded, help to develop and delivery the Summer Bridge Program, manage/advise Company Officer Students/classes, manage/advise Company Officer classes, manage Credit for Prior Learning petitions, manage Instructional Services Agreements, manage HS dual enrollments programs and develop articulation **(Resource Request).**

The Public Safety Program and Fire Technology have **strengthened access to educational opportunities** in a variety of ways. In the Summer of 2021 and in coordination with the Oxnard Union High school District we conducted a "Facility Tour" series which was offered to anyone who was interested. This was promoted through OC Fire Academy FB and IG accounts. Many of the attending students had been taking online classes since the Spring of 2020 and had never been to our facility. Approximately 8 tours were scheduled and typically there were 10-20 current and future students in attendance. The Facility Tour series assists Oxnard College with promoting open-access and upholds the value of higher education throughout the entire community. More residents of Ventura County have and will pursue higher education at Oxnard College because of these outreach efforts. The Facility Tour series helped to **promote Oxnard College's contribution to our community.**

The Company Officer AS Degree has **increased access to educational opportunities** for in-service firefighters in the Southern California region. Firefighters will no longer have to drive long distances to enroll and complete much needed higher education. Now In-Service Firefighters can **complete the Company Officer courses required by the California State Fire Marshall Office** and at the same time earn a highly desirable Company Office AS Degree at **Oxnard College.**

Being certified as a "National Network Testing" center and "Pearson Vue Testing" center has **strengthened access** for our students who need to take certification/licensure written exams. Instead of driving long distance to take these vital and necessary tests, students can now take these test at Oxnard College.

The Public Safety Program has improved it's **"equity-minded"** practices. Many more female students are entering our programs, especially in the EMT classes. More and more females are getting hired by fire departments and this is a great example that it can happen for our female students! Our Fire Tech Program, Firefighter I/II Fire Academy, Wildland Fire Academy and Lifeguard Academies are ethnically diverse and successful. Our recent Lifeguard Academy had five female students in it. Positive relationships are being developed with the OC Women's athletic teams on the main campus.

The Public Safety Program would like to offer a "Summer Bridge" program to local Jr. High and High Schools. The Summer Bridge program would focus on leadership, self-development, character, physical fitness, firefighter duties and the OC Public Safety Program.

The addition of the Company Officer AS Degree Program will attract a new market of students for Oxnard College. This training and education is geared towards "In-Service" Firefighters. The demand for Higher Education is there and the Fall 2021 Company Officer classes have been well attended. This will surely increase as the word spreads around the region.

Members of the Public Safety Program have also been in communications with various Police, Fire and EMS agencies assessing the need for an **Emergency Vehicle Operations Course (EVOC)**. Because of this, the Dean of Public Safety, the VP of Business Services and the Department Chair of Public safety visited the closest EVOC training location in **Santa Maria at Alan Hancock College** (https://sva-architects.com/projects/allan-hancock-college-public-safety-training-complex/). We were given a full tour of the EVOC facility by the Dean of Public Safety.

The following topics in relation to the EVOC course were discussed:
- Course Demand
- Course Use Fees
- Course Administration
- Course Maintenance
- Course Design
- Course Costs

The closest EVOC course in the region is in Lompoc and it is in extremely high demand and often booked up. Annual training is required for drivers of ambulances, fire engines and police vehicles. Users of the EVOC course are charged a fee use. Lompoc is a geographically undesirable destination(distance) for many agencies and they have unsuccessfully attempted to find other EVOC training locations.

The VCCCD owns the large, vacant land just south of the current OC Fire Tech building. This would be a perfect location for an EVOC training location. It is large, flat and could easily be paved with asphalt. Users would be charged a fee to use the course. If developed, the OC EVOC training location would be the only venue of it's kind in Southern California and users would be charged a fee. Surrounding fire, police and EMS agencies are all in support of this idea and indicate that it is sorely needed. **Asphalt could be used only in needed areas to keep project costs low and future removal to a minimum.**

This EVOC Training Location would attract 1st responders/students from all over the region, promote Oxnard College and strengthen the College's reputation.

AMT 3.0.2 Educational Master Plan (EMP) Alignment (R2-20210927) : Version by **Scariano Willers, Renee** on **11/30/2021 18:25**

3.4 REVIEWER'S COMMENTS ON SECTIONS 3.1 THRU 3.3
I appears there have been many positive changes in this program. The reports says, "Firefighters will no longer have to drive long distances to enroll and complete much needed higher education." Is this because of the newly created hybrid classes?

AMT 4.0 STUDENT LEARNING OUTCOMES

AMT 4.0.1 Student Learning Outcomes (R3-20210929) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

**4.1 COURSE LEVEL ASSESSMENTS (CSLOs)**
Click HERE (https://tableau.vcccd.edu/#/views/TableofContent_PogramReview/TableofContent/ravina@ad.vcccd.edu/38ff9a76-4f8b-4b1c-bd96-3e1c9b1ac4e1?:showAppBanner=false&:origin=viz_share_link&:display_count=n&:showVizHome=n) to navigate to and review your CSLOs in Tableau.

4.1.1 Describe CSLO Data Discussions
Describe when and how substantive and collegial discussion of your SLO data took place.

All core and elective courses are offered every semester. All PSLO's and Course SLO's are evaluated at the end of every semester in Elumens. They are discussed and evaluated at Fire Tech Advisory Meetings (https://vcccdventura.sharepoint.com/:b:/s/Oxnard/PublicSafety/ET428L_-0DhNnSEsatOnLcEBwSVEuUpa6K5_N7TefBHxzA?e=U8dcuy), Department Meetings and there is frequent communication between instructors and the Department Chair.
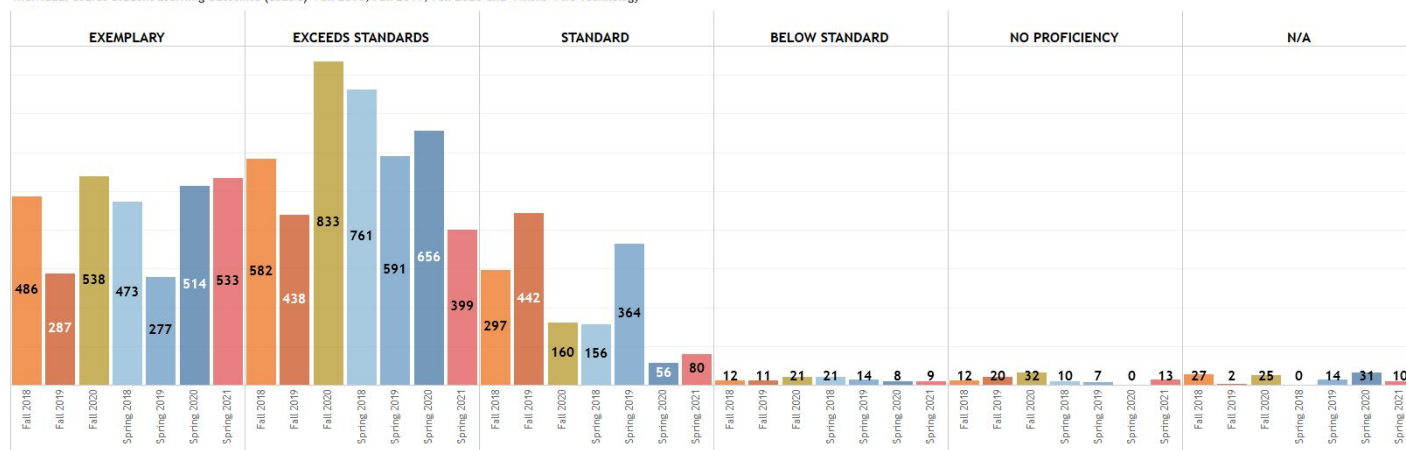
4.1.2 Explain CSLO Discussion Outcomes
Explain how the discussion informs your program objectives, actions steps and resource requests.

Student learning outcomes are discussed both informally amongst instructors and formally during Department meetings, Fire Tech Advisory Meetings and the Dean of Public Safety. The following conversations have taken place during this review period:

FT151 CSLO - "List career opportunities related to fire protection and emergency services."
During this time period, Fire Tech students continue to perform at a "Standard" level or above as evidenced in the above tableau. Over the years, the selection process for entry level firefighters has changed. Selection process is based on the same tests, but the weighted average has changed. The written exam, physical agility test and the oral interview in the past were all given equal weights and a mean average between the three scores was established. The current process is a Pass/Fail rating for the written exam and the physical agility test. Now the oral interview is typically weighted at 100% of the score. After many discussions with faculty, an oral interview component was added to every FT151 class that focuses on fire department oral interview preparation. The oral interview preparation program has now been in place for two years and students are relating very positive, successful experiences in class and at their oral interviews because of it.

FT-160 - "The student will demonstrate the ability to place a first alarm assignment at a simulated structure fire"
"Fire Strategy and Tactics" has been offered "Asynchronously" since the Covid-19 pandemic began. Conversations between the Department Chair, the Fire Academy Coordinator and the Full-Time Academy Instructor have revealed that "Firefighter I/II Academy Cadets are demonstrating difficulty performing this basic CSLO. This skill deficiency can be directly attributed to the lack of "In-Person" class delivery using the fire simulation lab. The fire simulation lab experience unfortunately cannot be duplicated online. Voluntary fire simulation lab sessions have been set up for students during the pandemic, but very few take advantage of this opportunity. "In-Person" delivery will begin in the Spring of 2022 and this should correct the issue.

The current, ceiling mounted projector is blurry and is of low quality. The current projector also requires the use of a "pull-down" projection screen that **covers** most of the **front dry erase board**. The Fire Simulation Lab is used for FT160, Pearson Vue Testing, National Testing Network Testing, VCCCD Emergency Operation Training, Oxnard College Emergency Operation Training, Ventura County Fire Department Training/Promotional Exams and Oxnard Fire Department Training/Promotional Training.   Our students, local/state and national industry experts and **outside clientele** are using this lab on a consistent basis.
A modern, high quality projection system that does not require the use of a "pull-down" projection screen is critically needed in order to enhance student success, promote Oxnard College's statewide reputation and strengthen Oxnard College's financial future. (Resource Request).

FT R167 - **"Recognize the hazards associated with tools and equipment used in the fire service."**
FT R170 - **"Differentiate between fire hose supply and attack lines and the manner in which these lines are loaded and stored on fire apparatus."** It is critical that students have a thorough working knowledge of water systems prior to entering the OC Firefighter I/II Academy.   Many firefighters have been severely injured while attaching supply and firefighting hose lines to fire hydrants. Each fire hydrant can have hundreds of pounds of pressure and this evolution is extremely dangerous to OC students/fire cadets. The use of a "training fire hydrant"

would allow OC students/fire cadets to learn this evolution without danger.
(see Resource Request).
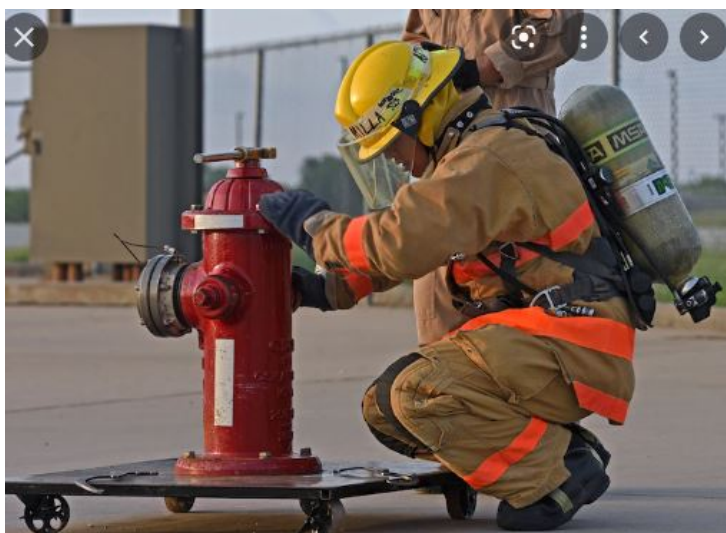
4.2 PROGRAM LEVEL ASSESSMENTS (PSLOs)

Click HERE (https://tableau.vcccd.edu/#/views/TableofContent_PogramReview/TableofContent/ravina@ad.vcccd.edu/38ff9a76-4f8b-4b1c-bd96-3e1c9b1ac4e1?:showAppBanner=false&:origin=viz_share_link&:display_count=n&:showVizHome=n) to navigate to and review your PSLOs in Tableau.

4.2.1 Describe PSLO Data Discussions

Describe when and how substantive and collegial discussion of your SLO data took place.

All core and elective courses are offered every semester. All PSLO's and Course SLO's are evaluated at the end of every semester in Elumens. They are discussed and evaluated at Fire Tech Advisory Meetings, Department Meetings and there is frequent communication between instructors and the Department Chair.

Total Scores per Term by Mastery Levels - **Program SLO's**
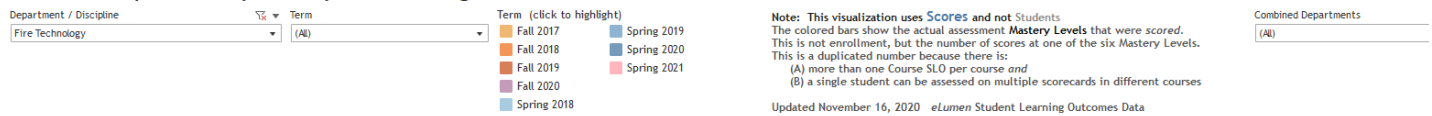
eLumen Mastery Level TOTAL Scores for Fire Technology — Program Student Learning Outcomes
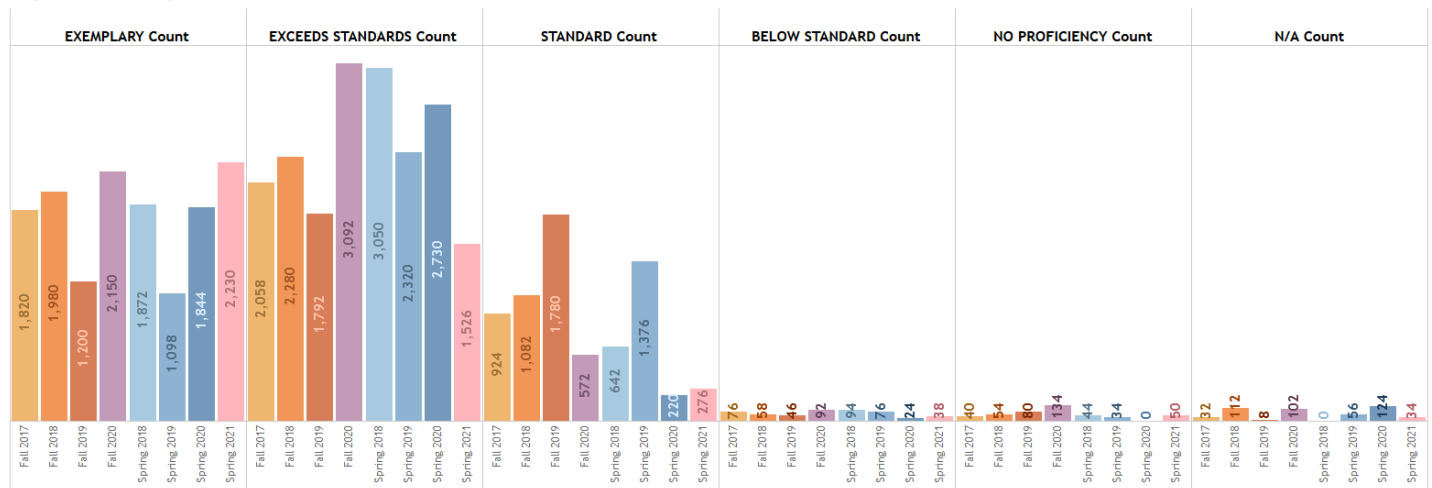
4.2.2 Explain PSLO Discussion Outcomes

Explain how the discussion informs your program objectives, actions steps and resource requests.

PSLO's are discussed both informally amongst instructors and formally during Department meetings, Fire Tech Advisory Meetings and the Dean of Public Safety.

Program Student Learning Outcomes

Upon successful completion of the Fire Technology program students will be able to:

- Appropriately manage patient care relating to illness and injury, in the pre-hospital setting.
- Compare various types of fire protection systems and explain each system's role in the fire service.
- Identify apparatus, equipment and tools essential for successful fire department operations.
- Identify the roles and responsibilities of the fire service.
- Describe the importance of fire prevention and how it relates to the community, public education and the fire service.
- Recognize factors on the fire ground that jeopardize the safety of firefighters.
- Relate the building construction type to its anticipated fire behavior in emergency situations.
- Recognize the characteristics of fire behavior and relate how the external influences of weather and chemicals affect it.

The following conversations have taken place during this review period:

The majority of discussions between faculty, the Department Chair, the Dean of Public Safety and Industry Experts reveal that our PSLO's are consistent and relevant to the profession of firefighting and EMS. There has been discussions of where the entire staff of Public Safety could be more consistent with the delivery of the subject matter. As defined in the audit of the EMT Program, there needs to be more communication and coordination within the faculty of the EMT Program. As Department Chair, I also feel that this could be applied equally to the faculty of the Firefighter I/II Academy, Lifeguard Academy, Wildland Academy and the AS Degree program. **Staff have discussed having a week-long "Instructional Skills Workshop (ISW)"** that would reinforce basic teaching skills, andragogy and pedagogy and introduce new teaching methods. The Dean of Public Safety has proposed this course and is certified to teach it to our faculty. This course would create consistency in course/instructor delivery, communications, skills and evaluation of students and would have a **positive impact on Student Success**. This course would take place during the summer. **(see Resource Request).**

AMT 4.0.2 Student Learning Outcomes (R2-20210927) : Version by **Scariano Willers, Renee** on **11/30/2021 18:25**

4.3 REVIEWER'S COMMENTS ON SECTIONS 4.1 THRU 4.2
It appears the program activity reviews and discusses student progress through SLOs. The program makes changes based on their findings.

AMT 5.0 KEY INDICATORS

AMT 5.0.1 Key Indicators (R1-2210929) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

5.1 ENROLLMENT TRENDS
Click HERE (https://tableau.vcccd.edu/#/views/TableofContent_PogramReview/TableofContent/ravina@ad.vcccd.edu/38ff9a76-4f8b-4b1c-bd96-3e1c9b1ac4e1?:showAppBanner=false&:origin=viz_share_link&:display_count=n&:showVizHome=n) to navigate to and review your your Key Indicators in Tableau.

5.1.1 Enrollment Indicators
Have your enrollments increased, decreased, or remained relatively stable?

As evidenced by the accompanying tableau, demand and enrollment for fire tech classes have increased. Spring of 2020 brought the Covid-19 pandemic, but enrollments remained steady. In the Fall of 2020, both "enrolled head count" and "enrolled duplicated head count" increased from Spring 2020 levels. This was encouraging news! Enrolled Head Count rose 27% and Enrolled Duplicated rose 22% during the period of Spring 2020 to Spring 2021. **This trend strengthens Oxnard College's Financial Future and promotes Oxnard College's reputation.**

4.1 Enrollment Trends
Have your enrollments increased, decreased, or remained relatively stable? What is your assessment of this trend?

ENROLLED HEAD COUNT
(unduplicated, individual students)

Term: Fall 2018, Fall 2019, Fall 2020 and 3 more
Discipline: Fire Technology

Fall 2018	Fall 2019	Fall 2020	Spring 2019	Spring 2020	Spring 2021
237	240	311	246	263	364

ENROLLED DUPLICATED

Term: Fall 2018, Fall 2019, Fall 2020 and 3 more
Discipline: Fire Technology

Fall 2018	Fall 2019	Fall 2020	Spring 2019	Spring 2020	Spring 2021
436	451	529	441	484	670
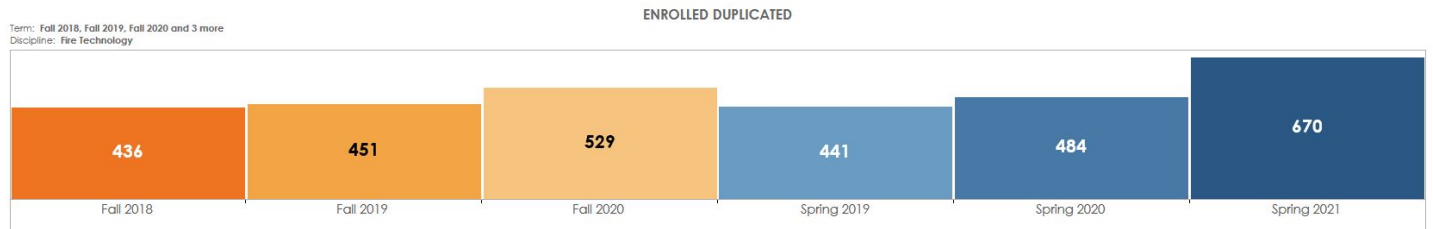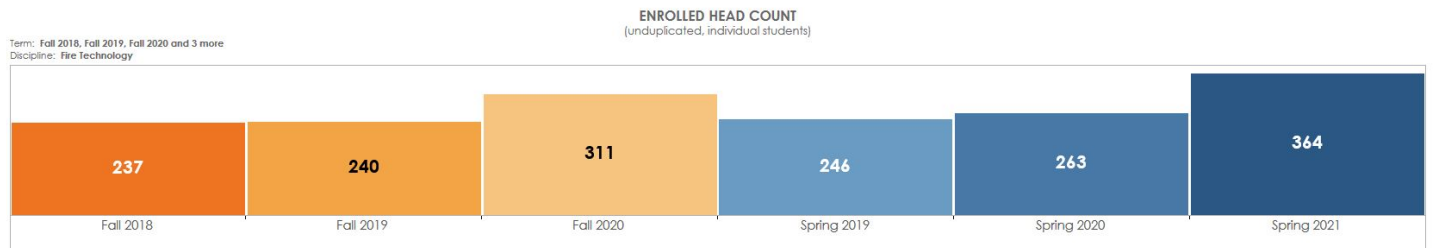
Source: ARGOS/Banner July 2021 For: Program Review 2021-2022 Cycle

5.1.2 Enrollment Assessment

What is your assessment of this trend?

Enrollment in Fire Technology classes increased due to several factors. One of those factors is the highly creative online content from an **awesome Fire Tech Instructional Staff! (http://Joe Escobar\u00A0Award for Excellence in Teaching)** Faculty included, Randy Osborne, Kevin Kearns, Scott Dettorre, David Kromka and Mike Ketaily. These Fire Tech Faculty stepped up immediately, enrolled in the **"Online Teacher Training Canvas Course"** (https://forms.office.com/Pages/ResponsePage.aspx?id=a4qLu5knNE-_koX4GbwAb6AG97XuSXJMr8ImegcXGthUNDVOMEJJSDhTR0dXMjE5Wkg5ODZONlVFMC4u)(OTTCC) and thanks to OC's wonderful "Instructional Designer" - **Laura Knight (https://www.vcccd.edu/directory/laura-knight),** were able to complete the program in an expeditious fashion. Fire Tech faculty were on their way to designing synchronous, asynchronous, distance education, hybrid, and relevant content for Canvas!

Longtime Fire Tech Instructor, **Randy Osborne (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/meet-your-fire-technology-instructors)**, quickly became an OTTCC subject matter expert and provided help to all OC Faculty and was used extensively. Because of his willingness to go above and beyond his normal duties, Randy Osborne was awarded the 2019/2020
"Joe Escobar Award for Excellence in Teaching" - for Part/Time faculty.   All 2019-20 Awards were chosen by Academic Senate (https://www.oxnardcollege.edu/faculty-staff/academic-senate) & Classified Senate (https://www.oxnardcollege.edu/faculty-staff/classified-senate).

Joe Escobar Award for Excellence in Teaching - P/T Faculty - **Randy Osborne**
(Fire Technology)

"In-Person" enrollment at the Fire Tech Facility is capped at 40 students per class due to physical classroom size. During the Spring of 2020, all Fire Tech class delivery switched to an online format. Students stayed with the online delivery that semester. In the Fall of 2020, most **class sizes were increased from 40 to 75** because of the online offerings.

The **"Baby Boomer" generation of firefighters is retiring**(and there is a lot of them!) and this is creating a hiring crisis in the fire service. Firefighter jobs are highly coveted and the educational demand is higher than it has ever been.

The combination of these circumstances is causing a huge demand for the courses.

The firefighter occupation is extremely "hands-on" and this Department Chair is focused on getting students back into the classroom where OC students can practice their skills. The focus on the return to in-person learning is based on feedback from Fire Tech Students, Fire Academy Students, Fire Tech Staff, Fire Academy Staff and Industry Experts.

The delivery of classes in the Spring of 2022 will be primarily class room based. The switch back to "In-person" will cause smaller class sizes which will have an effect on future enrollment trends, but will enhance student success and safety in their future occupation.

FT - Fire Technology

FT R090 - USLA Lifeguard Academy I

Status	CRN	Pre/Coreq	Cred	Meeting Time						Location
OPEN	33330		3.0			S	U	07:00am - 04:50pm		Oxnard Ventura HARBOR
			&		F			05:00pm - 07:50pm		Oxnard Camarillo Airport 104

FT R151 - Fire Protection Organizations

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	30708		3.0		W	01:00pm - 03:50pm		Oxnard Camarillo Airport 111
OPEN	30779		3.0	Distance Education Class: Click CRN for requirements.				Oxnard Online Class
OPEN	31004		3.0		T	05:00pm - 07:50pm		Oxnard Camarillo Airport 111

FT R152 - Fire Prevention Technology

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	31080	Pre/Coreq	3.0		T	08:30am - 11:20am		Oxnard Camarillo Airport 111

FT R154 - Fire Behavior and Principles of Combustion

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	31071	Pre/Coreq	3.0	M		01:00pm - 03:50pm		Oxnard Camarillo Airport 111

FT R155 - Fire Protection Equipment and Systems

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	31087	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.				Oxnard Online Class

FT R157 - Wildland Fire Control

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	32756	Pre/Coreq	3.0		T	01:00pm - 03:50pm		Oxnard Camarillo Airport 111

FT R158 - Principles of Fire and Emergency Services; Safety and Survival

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	30591	Pre/Coreq	3.0	Distance Education Class: Click CRN for requirements.				Oxnard Online Class

FT R160 - Fire Tactics and Strategies

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	30543	Pre/Coreq	3.0		W	04:00pm - 06:50pm		Oxnard Camarillo Airport 108

FT R161 - Building Construction for Fire Protection

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	31100	Pre/Coreq	3.0		W	04:00pm - 06:50pm		Oxnard Camarillo Airport 111

FT R167 - Fire Equipment and Apparatus

Status	CRN	Pre/Coreq	Cred	Meeting Time				Location
OPEN	31110	Pre/Coreq	3.0		W	07:00pm - 09:50pm		Oxnard Camarillo Airport 111

5.2 PRODUCTIVITY

Click HERE (https://tableau.vcccd.edu/#/views/TableofContent_PogramReview/TableofContent/ravina@ad.vcccd.edu/38ff9a76-4f8b-4b1c-bd96-3e1c9b1ac4e1?:showAppBanner=false&:origin=viz_share_link&:display_count=n&:showVizHome=n) to navigate to and review your your Key Indicators in Tableau.

5.2.1 Productivity Indicators

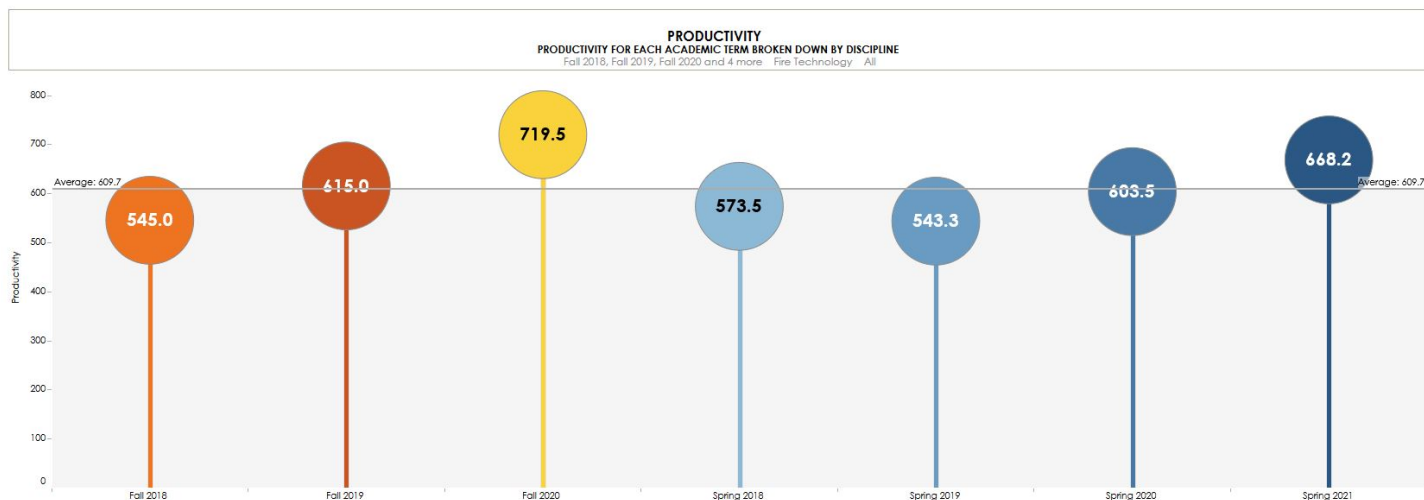Has your productivity increased, decreased, or remained relatively stable?

Productivity has increased 19% during the review period.

Oxnard College Productivity

Term	Crosslist Primary	Discipline/Discipline	Course/Course Title	Combined Departments
(Multiple values)	Unknown	Fire Technology	(All)	PublicSafety

4.2 Productivity
Has your productivity **increased, decreased, or remained relatively stable**? What is your assessment of this trend?

PRODUCTIVITY
PRODUCTIVITY FOR EACH ACADEMIC TERM BROKEN DOWN BY DISCIPLINE
Fall 2018, Fall 2019, Fall 2020 and 4 more   Fire Technology   All

Average: 609.7

Term	Productivity
Fall 2018	545.0
Fall 2019	615.0
Fall 2020	719.5
Spring 2018	573.5
Spring 2019	543.3
Spring 2020	603.5
Spring 2021	668.2

5.2.2 Productivity Assessment
What is your assessment of this trend?

Productivity has increased steadily(19%) during the review period. The Spring of 2021 brought the 2nd highest Productivity Score of 668. This may be attributed to larger class enrollments due to online offering of classes. Class sizes for all online classes increased from 40 to 75 students. Return to In-Person instruction in the Spring of 2022 could potentially lower this Productivity number.

5.3 RETENTION AND SUCCESS
Click HERE (https://tableau.vcccd.edu/#/views/TableofContent_PogramReview/TableofContent/ravina@ad.vcccd.edu/38ff9a76-4f8b-4b1c-bd96-3e1c9b1ac4e1?:showAppBanner=false&:origin=viz_share_link&:display_count=n&:showVizHome=n) to navigate to and review your your Key Indicators in Tableau.

5.3.1 Retention Indicators
Have your retention rates increased, decreased, or remained relatively stable?
The Retention Rates and Success Rates for students enrolled in the OC Fire Technology Program remain consistently in the high 80's and low 90's.
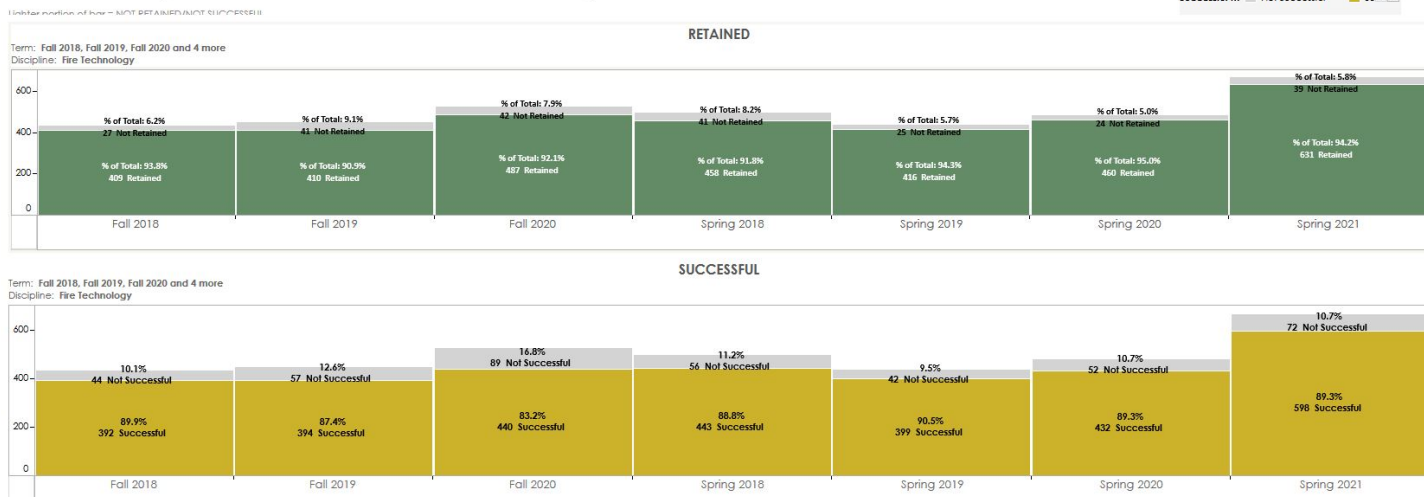
Oxnard College Retention & Success

TABLE OF CONTENT

Term	Modality	Department / Discipline	Course/Course Title	Combined Departments	Ethnicity	Gender
(Multiple values)	(All)	Fire Technology	(All)	PublicSafety	(All)	(All)

4.3 Retention and Success
Have your Retention and Success rates **increased, decreased, or remained relatively stable**? What is your assessment of this trend? Be sure to identify and discuss any disparities in Retention and Success by instructional mode. Your observations can include discussion of impacts from COVID-19.

Retained Legend
☐ Not Retained   ☐ Retained
Successful ...   ☐ Not Successful   ☐ Su

Lighter portion of bar = NOT RETAINED/NOT SUCCESSFUL

RETAINED
Term: Fall 2018, Fall 2019, Fall 2020 and 4 more
Discipline: Fire Technology

Term	Not Retained	Retained
Fall 2018	% of Total: 6.2% — 27 Not Retained	% of Total: 93.8% — 409 Retained
Fall 2019	% of Total: 9.1% — 41 Not Retained	% of Total: 90.9% — 410 Retained
Fall 2020	% of Total: 7.9% — 42 Not Retained	% of Total: 92.1% — 487 Retained
Spring 2018	% of Total: 8.2% — 41 Not Retained	% of Total: 91.8% — 458 Retained
Spring 2019	% of Total: 5.7% — 25 Not Retained	% of Total: 94.3% — 416 Retained
Spring 2020	% of Total: 5.0% — 24 Not Retained	% of Total: 95.0% — 460 Retained
Spring 2021	% of Total: 5.8% — 39 Not Retained	% of Total: 94.2% — 631 Retained

SUCCESSFUL
Term: Fall 2018, Fall 2019, Fall 2020 and 4 more
Discipline: Fire Technology

Term	Not Successful	Successful
Fall 2018	10.1% — 44 Not Successful	89.9% — 392 Successful
Fall 2019	12.6% — 57 Not Successful	87.4% — 394 Successful
Fall 2020	16.8% — 89 Not Successful	83.2% — 440 Successful
Spring 2018	11.2% — 56 Not Successful	88.8% — 443 Successful
Spring 2019	9.5% — 42 Not Successful	90.5% — 399 Successful
Spring 2020	10.7% — 52 Not Successful	89.3% — 432 Successful
Spring 2021	10.7% — 72 Not Successful	89.3% — 598 Successful

5.3.2 Retention Assessment
What is your assessment of this trend? Be sure to identify and discuss any disparities in Retention and Success by instructional mode. Your observations can include discussion of impacts from COVID-19.

Instructional staff have a **"student first"** approach to instruction and focus on current curriculum delivery, relevant life-experience examples and student preparation for the rigors of a Firefighter I/II Academy. Much of what the student learns in the Fire Technology courses helps develop the foundation of skills necessary to succeed in the Firefighter I/II Academy.

Successful graduates of the Firefighter I/II Academy have a greater opportunity to get hired by local fire agencies and apply their skills. OC Public Safety
Staff consistently receives extremely positive feedback from experienced firefighters who began their educational pathway at OC. Firefighters speak of the high level or
instruction/professionalism demonstrated by OC Public Safety staff, the beautiful facility and the support provided by Oxnard College.

Representation/enrollment by ethnicity is balanced. Numbers below are from Spring 2021 Tableau by Ethnicity.

|	Ethnicity	Retention/Success
1.	Hispanic Students	297 students/274 students
2.	White Students	260 students/253 students
3.	Asian/Pacific Students	23 students/23 students
4.	Black/Native	5 students/5 students
5.		

Representation by females has greatly improved during this review period(Fall 2018/Spring 2021). A number of factors contributed to the increase including outreach by Faculty and Staff to High Schools and Jr. High Schools. An ambitious "Summer Facility Tour" program was given over 8 dates during the Summer of 2021. The Public Safety Program maintains an active presence on Social Media. Thousands of followers on the OC Instagram account and Facebook Page see highlights of the OC Fire Academy, Wildland Fire Academy, Lifeguard Academy, related job opportunities, fire cadet interviews/pictures and of course, OC's successful graduates at emergency incidents. Many of the students, fire cadets and firefighters are **females**. Many of our instructional staff are **active female firefighters**. Our social media presence is impactful and provides real-life **role models** for **aspiring female firefighter candidates**.

The awareness has spread and our female Retention and Success Rates during this review period rose 31% and 34%. Female student enrollment during this period increased 31%(31 students/103 students).

This focused delivery on a diverse student enrollment is an equity minded practice and enhances Oxnard College's reputation.

Oxnard College FT151 Student Kaitlyn Bailey - "Winner Master Splinter Award" begins(2018) her educational fire pathway at OC. 2021 - Kaitlyn is now a Firefighter for the Santa

Barbara County Fire Department.
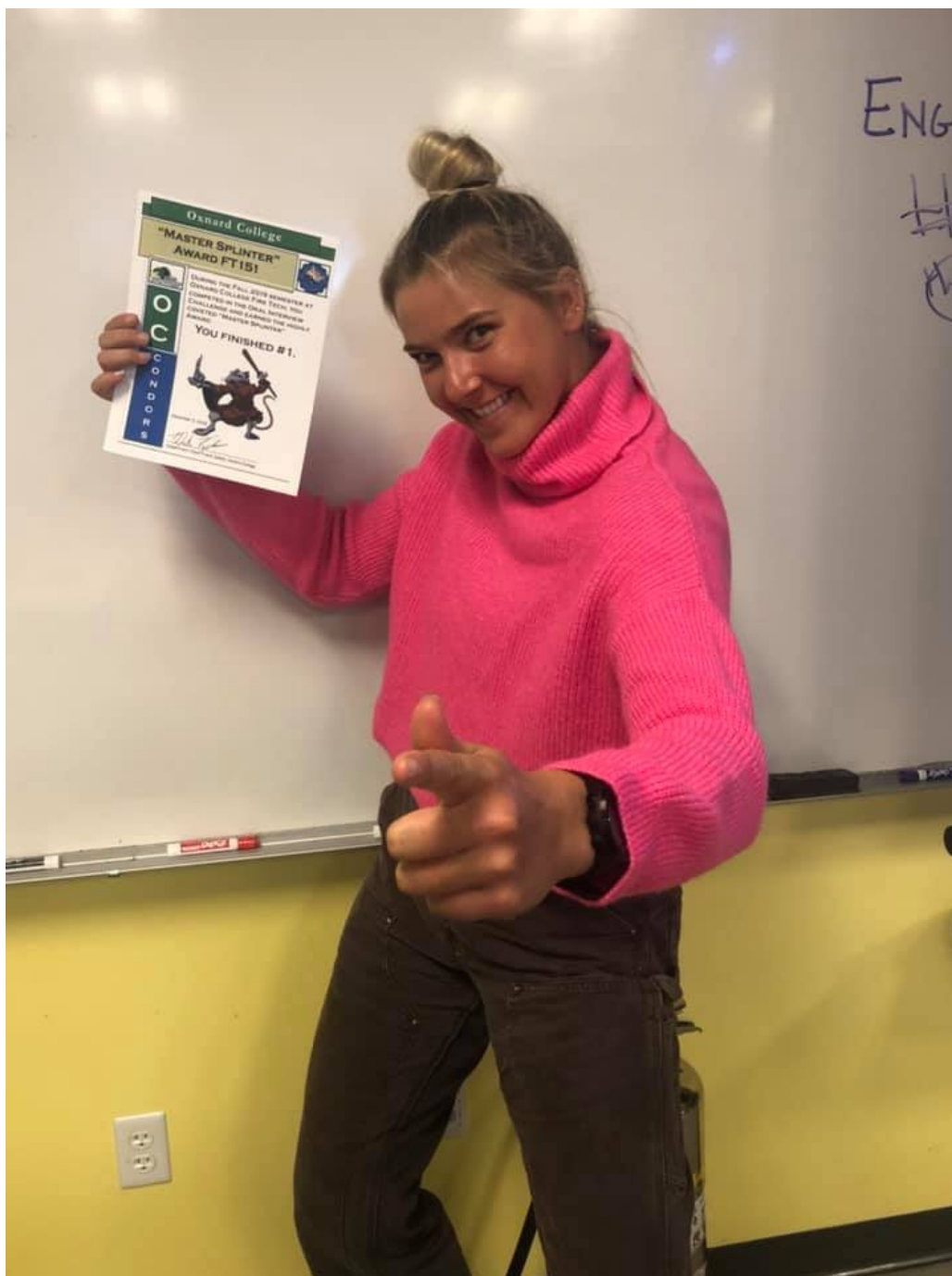
OC Fire Student Taylor Brown - 2017 Wildland Fire Academy now Los Angeles County Firefighter Taylor Brown - 2020

AMT 5.0.2 Key Indicators : Version by **Scariano Willers, Renee** on **11/30/2021 18:25**

5.4 REVIEWER'S COMMENTS ON SECTIONS 5.1 THRU 5.3

5.4.1 Review of Data
Do the preparers' assessment of their program's key indicators demonstrate a thorough and accurate review of the data? Explain.
Report provided data and discussed it thoroughly.

5.4.2 Programs Performance in Meeting the Needs of the Students
Based on the enrollment, productivity and success data for this program, what is your assessment of the program's performance in meeting the needs of our students?

Program is meeting student needs. There is an increased demand for classes. The program has increased class size and created multiple degrees and certificates. Students are being hired to work in their desired fields.

AMT 6.0 CURRICULUM AND PROGRAM SUCCESS

AMT 6.0.1 Curriculum and Program Success (R1-20210929) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

6.1 CURRICULUM REVISION AND DEVELOPMENT

6.1.1 Accomplishments

What did you accomplish during the last academic year in the area of curriculum (e.g., new or updated courses, deactivated courses)?

During the last academic year the following changes in curriculum have occurred:

- Company Officer As Degree (https://www.oxnardcollege.edu/public-safety/company-officer-series)
- FT R200 - Human Resource Management for Company Officers - 2A (2 units)
- FT R210 - General Administrative Functions for Company Officers - 2B (1 unit)
- FT R220 - Fire Inspections and investigations for Company Officers - 2C (2 units)
- FT R230 - All Risk Command for Company Officers - 2D (2 units)
- FT R231 - Introduction to the Incident Command System (.5 units)
- FT R232 - Hazardous Materials Incident Commander (2 units)
- FT R240 - Wildland Incident Operations for Company Officers - 2E (2 units)
- FT R241 - Intermediate Fire Behavior (2 units)
- FT R250 - Instructional Methodology, Instructor-1 (2 units)
- FT R251 - Ethical Leadership for Instructors (.5 units)
- FT R170 Updated to reflect SFT FFI/II Academy
- FT R173 Fire Service Physical Fitness
- FT R180 Updated to reflect SFT changes

6.1.2 Plans

What are your curriculum plans for the next two or three academic years?

Future Curriculum Plans would include:

- 5 year update of all Fire Tech classes
- Curriculum Development for Dispatcher Academy
- Curriculum Development for Fire Inspector Classes
- Curriculum Development for Chief Officer Classes
- Work based learning wildland fire fighter course

6.2 DEGREES AND CERTIFICATES AWARDED

Click HERE (https://tableau.vcccd.edu/views/TableofContent_PogramReview/TableofContent/ravina@ad.vcccd.edu/38ff9a76-4f8b-4b1c-bd96-3e1c9b1ac4e1?:showAppBanner=false&:origin=viz_share_link&:display_count=n&:showVizHome=n) to navigate to and review your Degrees and Certificates Awarded in Tableau.

6.2.1 Active Degrees and Certificates

List all your program's active degrees and certificates.

Oxnard College awarded 44 AS Degrees and 97 COA's in Fire Technology which was the fifth highest major on the OC Campus during the 2020/21 year.
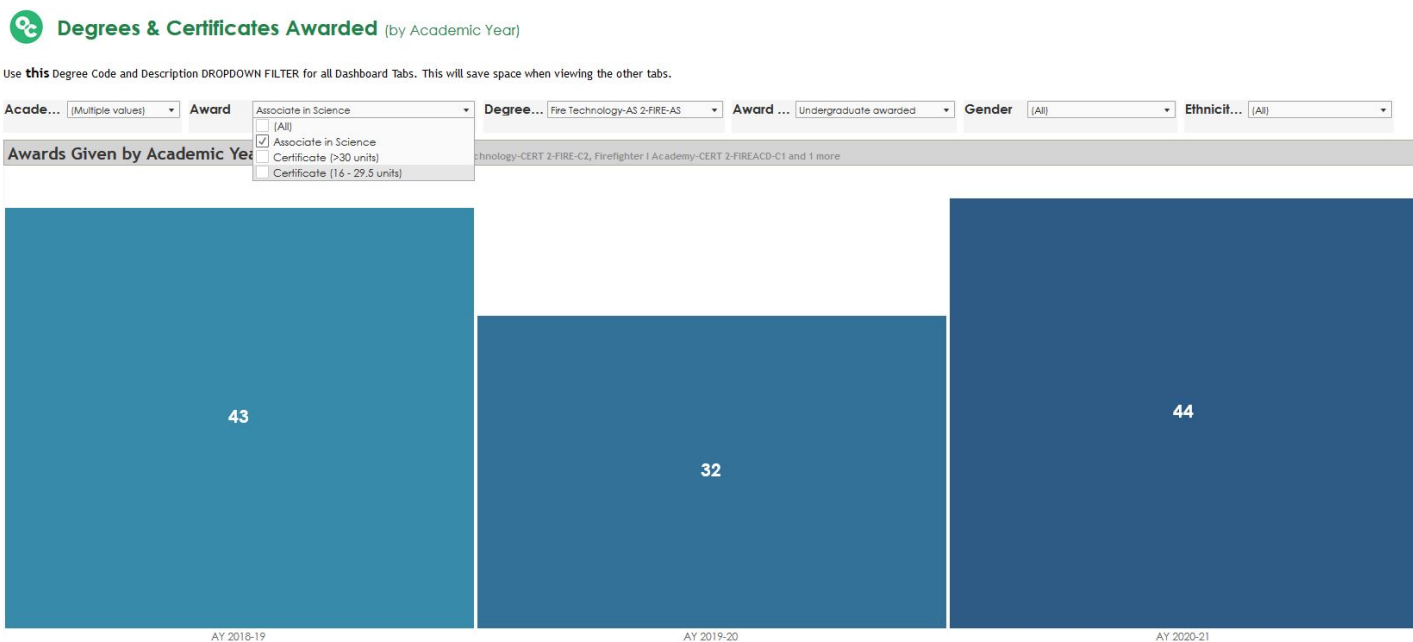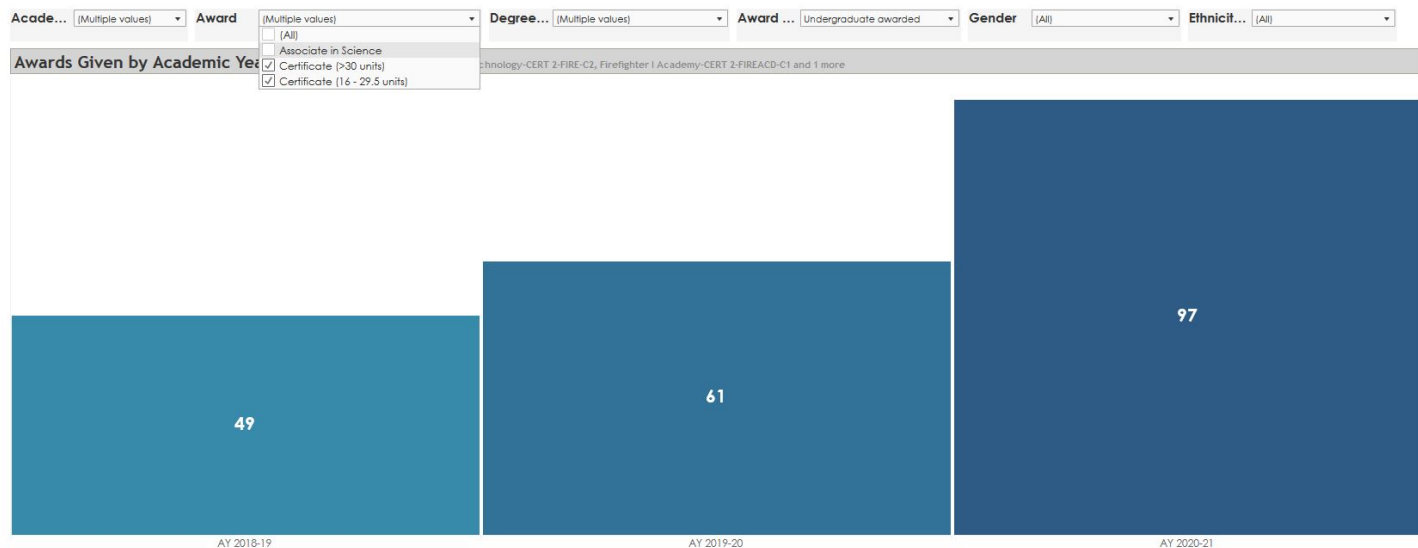

Certificates Awarded

Degrees & Certificates Awarded (by Academic Year)

Use **this** Degree Code and Description DROPDOWN FILTER for all Dashboard Tabs. This will save space when viewing the other tabs.

| Acade... [Multiple values] | Award [Multiple values] | Degree... [Multiple values] | Award ... Undergraduate awarded | Gender [All] | Ethnicit... [All] |

[ ] (All)
[ ] Associate in Science
[✓] Certificate (>30 units)
[✓] Certificate (16 - 29.5 units)

Awards Given by Academic Year ...chnology-CERT 2-FIRE-C2, Firefighter I Academy-CERT 2-FIREACD-C1 and 1 more

| AY 2018-19: 49 | AY 2019-20: 61 | AY 2020-21: 97 |

6.2.2 Degrees/Certificates Awarded to Students

During the previous academic year, how many students earned each of these awards?

In the 2019-2020 years, Oxnard College awarded 32 Fire Technology AS Degrees and 32 Fire Technology COA's.

6.2.3 Improving Completion Rates

Discuss the steps your program is taking to improve the completion rates for these awards.

The Fire Technology Program will take the following steps to maximize completion rates:

- Establishing office hours that are accessible to all students
- Maintain vital student communications especially during online delivery
- Continue to advocate for the needs of Public Safety(Hiring of Personnel)
- Motivate students in the classroom to complete education on-time
- Provide examples of how higher education assists in the pursuit of the firefighter occupation
- Continue to have career counselors work with our students to help complete degree and COA paperwork

AMT 6.0.2 Curriculum and Program Success : Version by **Scariano Willers, Renee** on **11/30/2021 18:26**

6.3 REVIEWER'S COMMENTS ON SECTIONS 6.1 THRU 6.2

It looks like students are successful. It would be nice to know how many of those 32 awarded degrees were able to find positions.

AMT 7.0 ADDITIONAL COMMENTS (OPTIONAL)

AMT 7.0 Additional Comments (Optional) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

7.1 ADDITIONAL INFORMATION

Is there any additional information that you (the Preparer) would like to add to your program review?

The Oxnard Public Safety Program is located five miles off campus on Camarillo Airport property. It is a Regional Fire Department Training Center and is considered one of the premier programs at Oxnard College in the state of California.

Since it's inception in 1997, **thousands of firefighters**, county-wide, state-wide and nationally have received their pre-service and in-service training at the Oxnard College Public Safety Program. **The program was founded by Ed French**, who is a retired Los Angeles County Firefighter. Ed had a higher vision for firefighter education. Because of this vision and vast network of fire department resources, **Ed was able to develop and deliver the very first fire academy in 1997**. Thousands of first responders have received their initial training at OC Public Safety and have moved on to firefighter jobs across the United States. The OC Public Safety Program recognizes the contributions of the founder, Ed French and desires to appropriately name the new Apparatus Bay after him. This request is currently going through a district board resolution. **Ed French is pictured below in the middle.**

A highly dedicated and experienced instructional/administrative staff with years of fire ground and educational experience provide and shape the best learning experience possible for Oxnard College students and fire cadets. All instructional staff are either active or retired firefighters.

New delivery of California State Fire Marshal Company Officer courses and the possibility of a Company Officer AS Degree from Oxnard College provides a pathway to education for "In-Service" firefighters.

OXNARD COLLEGE NEW AWARDS

Certificate of Acheivement- Fire Company Officer-19 Units
Associate of Science- Fire Company Officer-60 Units

Required Major Courses

COURSE NUMBER	COURSE TITLE	SEMESTER OFFERED	UNITS
FT 200	HUMAN RESOURCES MANAGEMENT FOR COMPANY OFFICERS-2A	Fall	2
FT 210	GENERAL ADMINISTRATIVE FUNCTIONS FOR COMPANY OFFICERS-2B	Fall	1
FT 220	FIRE INSPECTIONS AND INVESTIGATIONS FOR COMPANY OFFICERS-2C	Fall	2
FT 230	ALL RISK COMMAND FOR COMPANY OFFICERS-2D	Fall	2
FT 231	INTRODUCTION TO INCIDENT COMMAND SYSTEM	Fall	.5
FT 232	HAZARDOUS MATERIALS INCIDENT COMMANDER	Spring	2
FT 240	WILDLAND INCIDENT OPERATIONS FOR COMPANY OFFICERS-2E	Spring	2
FT 241	INTERMEDIATE FIRE BEHAVIOR	Spring	2
FT 250	INSTRUCTIONAL METHODOLOGY, INSTRUCTOR-1	Spring	2
FT 251	ETHICAL LEADERSHIP FOR INSTRUCTORS	Spring	.5
FT 160	FIRE TACTICS AND STRATEGY	All	3
	TOTAL REQUIRED UNITS		19

Scan QR Code To Apply

Contact Matthew Jewett for Questions:
mjewett@vcccd.edu; 805-678-5307

I have been involved in this program since 1997 as a Professional Expert, Full-Time Faculty and Department Chair. The current state of the Fire Technology Program is in the best shape that I have seen. Student success, positioning the program for the future, and ensuring multiple educational pathways have been the cornerstones of this program and will continue in the future.

AMT 8.0 CAREER EDUCATION ONLY

AMT 8.0.1 Career Education Only : Version by **Jewett, Matthew** on **11/04/2021 18:39**

8.1 ADVISORY COMMITTEE MEETING MINUTES
Copy and paste the minutes from your advisory committee meeting(s) from the previous academic year here.

Fire Tech Advisory Committee Meeting Minutes October 2019 (http://FT R200 - Human Resource Management for Company Officers - 2A (2 units) FT R210 - General Administrative Functions for Company Officers - 2B (1 unit) FT R220 - Fire Inspections and investigations for Company Officers - 2C (2 units) FT R230 - All Risk Command for Company Officers - 2D (2 units) FT R231 - Introduction to the Incident Command System (.5 units) FT R232 - Hazardous Materials Incident Commander (2 units) FT R240 - Wildland Incident Operations for Company Officers - 2E (2 units) FT R241 - Intermediate Fire Behavior (2 units) FT R250 - Instructional Methodology, Instructor-1 (2 units) FT R251 - Ethical Leadership for Instructors (.5 units))

Fire Tech Advisory Committee Meeting Minutes February 2020 (https://vcccdventura.sharepoint.com/:b:/s/Oxnard/PublicSafety/ETo5H-mdVoRFuHTjc64eMo8BZNqtxmGwAr2Vz9EH_2ERKA?e=29zA7c)

Fire Tech Advisory (https://vcccdventura.sharepoint.com/:b:/s/Oxnard/PublicSafety/ET428L_-0DhNnSEsatOnLcEBwSVEuUpa6K5_N7TefBHxzA?e=GTmlDd)**Committee Meeting Minutes October 2020**

Fire Tech Advisory Meeting Minutes March 2021 (https://vcccdventura.sharepoint.com/:w:/r/sites/Oxnard/PublicSafety/_layouts/15/Doc.aspx?sourcedoc=%7B0692BC8E-6028-4DD2-AD69-E45ED392C429%7D&file=FT%20ADVISORY-Minutes-3-05-21-Draft.docx&action=default&mobileredirect=true)

8.2 ACTIONS TAKEN
What actions have you taken as a result of your discussions with your advisory committee?

The Public Safety Program has taken the following actions based on the feedback of the Fire Tech Advisory Committee:
- Hired a Full-Time Fire Academy Faculty
- Enhanced our FT R170 Fire Fighter Academy to include Fire Fighter II education & Cal Fire 219 hour Hand fire fighter program
- Enhanced our FT R180 Wildland Academy to include the Cal Fire 68 hour Hand Crew program
- Enhanced our FT R090 Life Guard Academy to include the State Fire Training Open Water Rescue Curriculum
- Created the Company Officer AS Degree/COA
- Reviewed CSLO's and PSLO's

- Established the Oxnard FD Internship Program
- Established FT R071 FFI/II State Certification Testing at Oxnard College
- COA for EMT
- Developed and Delivered Oral Interview Training for Fire Tech Students
- Established an agreement with the City of Oxnard for an Instructional Service Agreement (ISA) program
  - Can not implement this until we have an ISA coordinator **(see Resource Requests)**
- Became a Pearson VUE Testing Center
- Became a National Testing Network Testing Center
- Applied and purchased multiple Perkins Grants for needed instructional equipment

8.3 LICENSURE/CERTIFICATION PASS RATES
What are your pass rates for licensure/certification (Ok to answer NOT APPLICABLE)?

Not Applicable
8.4 STRETCH GOALS
What are your stretch goals for each licensure/certification?

Not Applicable
8.5 JOB PLACEMENT RATES
What are your goals for job placement rates?

Job placement goals have not been established. We have used an approximate goal of 70% in the past, but that is very difficult to track our graduates once they leave Oxnard College and begin the pursuit of their fire service careers. Many OC Fire Tech graduates don't get hired in the fire service immediately and continue to pursue it for years to come. I would think with the current shortage of firefighters that placement rates are higher than normal. Informal conversations indicate that this is true because there is an inordinate amount of good news circulating that OC students are getting hired.

Labor market research of LA County students graduating from Fire Academies show a 70% placement rate which would be consistent with the goals of Oxnard College (see chart below).
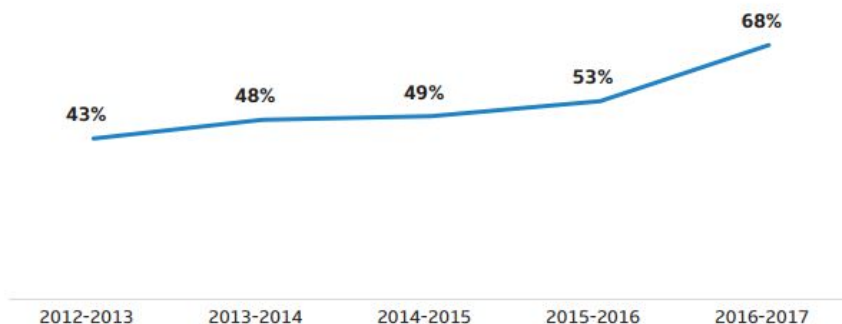
8.6 INITIATIVES TO IMPROVE PASS RATES/JOB PLACEMENT RATES
What initiatives have you undertaken to improve your pass rates and job placement rates?

No intitiatives have been undertraken or passed to increase job placement rates.
8.7 EMPLOYMENT OPPORTUNITIES/CAREER TRENDS/PROJECTED LABOR DEMAND
Briefly describe the employment opportunities and career trends for this program. Cite relevant Labor Market Information (LMI) regarding employment opportunities and trends related to this program. For regional LMI, go here: http://www.coeccc.net/ (http://www.coeccc.net/)

The Master Employment Tracker (https://vcccdventura.sharepoint.com/:x:/r/sites/Oxnard/PublicSafety/_layouts/15/Doc.aspx?sourcedoc=%7BF9B84BD6-3E7F-4F92-A9FD-95607B7C1DBD%7D&file=Employment%20Roster%20March%207%202018.xlsx&action=default&mobileredirect=true) is an informal document based on information from students, faculty, doodle polls and social media collected over a five year period between 2015 and 2019. Approximately 470 students that we know of were hired during this period. There were most likely hundreds more hired tha we are not aware of.
The end of the Baby Boomer generation has accelerated the hiring process for Public Safety Students. Many of the new firefighter hires are coming directly from the Fire Technology program.

According to Labor Market Research, four middle-skill occupations account for 8,780 jobs in firefighting and combined have 691 projected annual openings. The largest occupation, **firefighters, has substantially more jobs than any other occupation in this category. This occupation also is projected to have the most job openings, 622.**

Firefighting

Employment Demand Analysis

Four middle-skill occupations account for 8,780 jobs in firefighting and combined have 691 projected annual openings. The largest occupation, firefighters, has substantially more jobs than any other occupation in this category. This occupation also is projected to have the most job openings, 622.
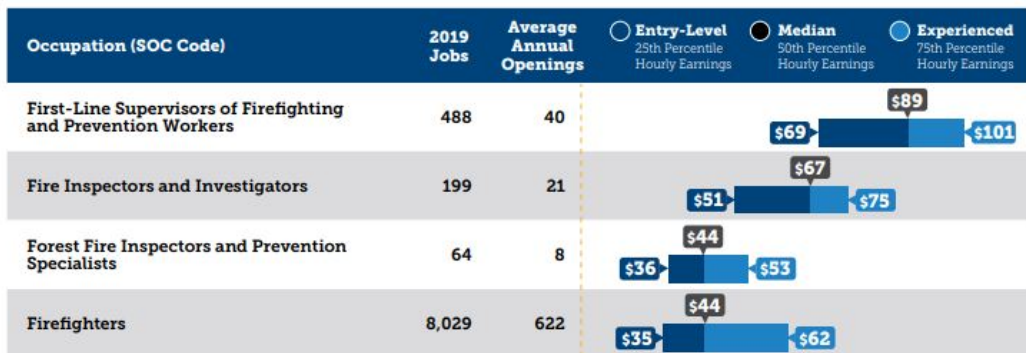
Exhibit 10. Firefighting occupational employment, annual openings, and wages

Occupation (SOC Code)	2019 Jobs	Average Annual Openings	Entry-Level 25th Percentile Hourly Earnings	Median 50th Percentile Hourly Earnings	Experienced 75th Percentile Hourly Earnings
First-Line Supervisors of Firefighting and Prevention Workers	488	40	$69	$89	$101
Fire Inspectors and Investigators	199	21	$51	$67	$75
Forest Fire Inspectors and Prevention Specialists	64	8	$36	$44	$53
Firefighters	8,029	622	$35	$44	$62

AMT 8.0.2 Career Education Only : Version by **Scariano Willers, Renee** on **11/30/2021 18:26**

8.8 REVIEWER'S COMMENTS FOR SECTIONS 8.1 THRU 8.7

8.8.1 Reviewer's Responses
Do the preparer's responses demonstrate a thorough and accurate review of the Career Education elements? Explain.
Yes.
8.8.2 Assessment of Program's Performance
From your perspective, based on the evidence presented, what is your assessment of the program's performance in meeting the training and employment needs of our students? Do you have suggestions for improvement on these items (8.1 thru 8.7)?

Yes.

AMT 9.0 SUMMARY REVIEWER'S COMMENTS FOR MULTI-YEAR REPORT

AMT 9.0 Summary Reviewer Comments for Multi-Year Report : Version by **Scariano Willers, Renee** on **11/30/2021 18:27**

9.1 MULTI-YEAR QUALITY AND THOROUGHNESS
Does the quality and thoroughness of the report provide sufficient detail with which to form an accurate assessment of the program's strengths and challenges: Please explain.

Yes. I enjoyed looking at the images.
9.2 HIGHLIGHTS
What is the program doing exceptionally well?

The program has developed new degrees and certificates and is growing. The program seems to be meeting student demand.
9.3 RATING
Please rate the status and performance of this program: Exemplary, Good, Fair, Needs Improvement, Consider for Discontinuance and briefly explain your rationale.

Exemplary
Program is increasing opportunities in their students' desired career choices. In the description, preparer noted the increase of hiring for fighter departments and that "many of our students are getting hired before they complete the Fire Tech Program." There are multiple paths for success: AS Degree in Fire Technology, AS Degree in Fire Company Officer, Certificate of Achievement in Fire Technology, and so on… They recently created several AS Degrees and certificate programs. Program has been recognized nationally and statewide: for example, the Bellwether College Consortium award in workforce development. To increase enrollment, the program completed outreach to local high schools by conducting tours of the facilities. In addition, they use social media to recruit for the program. The department activity changes courses to reflect what is current in the field, for example, in the hiring process. They have a 70% placement rate, which is slightly above average for other community college public safety programs.

AMT 10.0 RESOURCE REQUEST

AMT 10.0 Resource Request (R3-20210929) : Version by **Jewett, Matthew** on **11/04/2021 18:39**

Quantity	Item/Description	Amount Requested (Letter)	Category	Priority	Rationale	Aligned with	Justification	Previously Requested?	Submitted by

Quantity	Item/Description	Amount Requested (Letter)	Category	Priority	Rationale	Aligned with	Justification	Previously Requested?	Submitted by
1	Temporary EMT Program Coordinator	H	Faculty	Critical/Urgent	PA,P, HS,PI, EG	CSP, EMP	This request is justified in order to provide coordination, consistency and leadership to a program that is in dire need of it. Currently two part time co-coordinators are leading the program and it is not working. There are many aspects of the EMT accreditation and regulations that this position ensures compliance with.	No	MIke Ketaily, DC
1	Office Technician for CA State Fire Training Classes	G	Classified	Necessary	OC, PA, EG, P, HS, PI	EMP, CSP	This position is necessary to administer, track and track all phases of CA State Fire Training admin tasks for Oxnard College.	No	MIke Ketaily, DC
1	Full-Time Faculty - Fire Academy 50%/Fire Technology 50%	H	Faculty	Critical/Urgent	OC, PA, EG, P, HS, PI	EMP	This position is necessary because the current Fire Academy Coordinator is carrying a .5 instructional over load and needs to only provide the 1.0 coordinator duties next academic year. This new full-time faculty position would teach in the Fire Academy 50%/0.5 load and Company Officer classes 50%/0.5 load.	No	Mike Ketaily, DC

Quantity	Item/Description	Amount Requested (Letter)	Category	Priority	Rationale	Aligned with	Justification	Previously Requested?	Submitted by
1	Training Fire Hydrant	C	Instructional Equipment	Necessary	P, HS, PI	FMP	This piece of equipment is necessary to provide training and education in a safe environment for OC students. Due to the limited amount of fire hydrants at the new apparatus bay building site, this moveable hydrant gives instruction more flexibility.	No	MIke Ketaily, DC
1	Instructional Service Workshop	F	Professional Development	Necessary	PA, EG, PI	EMP	This Professional Development would address faculty inconsistencies and ensure student success for Public Safety Personnel. Many of our faculty come straight from industry and have no formal training in teaching methodologies.	No	Mike Ketaily DC
1	Ceiling Projector for Simulation Lab	F	Instructional Equipment	Critical	PA, EG, PI	EMP	This projector would enhance student success by replacing the old blurry projector which is hard for the students in this classroom to see.	Yes multiple times.	Mike Ketaily, DC
12	Self-Contained Breathing Apparatus	G	Instructional Supply	Necessary	PA, EG, PI	EMP	These new air tanks(Breathing Apparatus) are intended for Instructor Use to guarantee instructor & student safety in smoky IDLH conditions. They are replacing old air tanks.	No	Mike Ketaily, DC

Quantity	Item/Description	Amount Requested (Letter)	Category	Priority	Rationale	Aligned with	Justification	Previously Requested?	Submitted by
1	Replacement clutch for fire engine	D	Instructional Equipment	Critical/Necessary	HS	EMP	The clutch on E42 is worn out and is dangerously close to putting this fire engine out of service. The clutch needs to be replaced to enhance student safety and success.	No	Mike Ketaily, DC
1	Emergency Vehicle Operations Course - EVOC	H	Facilities/Instructio Equipment	Necessary	PA, EG, PI, HS	FMP, EMP	The addition of an EVOC would strengthen OC's financial future and enhance student success and first responder safety. This facility and course would bring in on-going substantial revenue to OC.	No	Mike Ketaily, DC
1	Summer Bridge Youth Program for Jr. High and HS students	F	Instructional Supply	Important	EG, PI	EMP	The Summer Bridge Program would provide outreach to HS and Jr. HS students and educate them about firefighter careers, core values, leadership and teamwork.	No	Mike Ketaily, DC
1	Full-Time Public Safety Counselor	H	Classified	Important	PA, PI	EMP	Public Safety is growing rapidly and is offering classes to In-Service Firefighters at their Regional Training Center. This position would help to increase the number of AS Degrees while assisting students in the ISA Programs, Dual Enrolment with local HS's, CPL and Summer Bridge Programs.	No	Mike Ketaily, DC

Quantity	Item/Description	Amount Requested (Letter)	Category	Priority	Rationale	Aligned with	Justification	Previously Requested?	Submitted by
1	Instructional Service Agreement (ISA) Coordinator	G	Classified	Critical/Necessary	OC, PA, EG, P, PI	EMP, CSP	In order to offer the FT R074 Professional Training and Continuing Education 12 month year round course for Fire Service Personnel we need an ISA Coordinator to coordinate the delivery of all aspects of the ISA FT R074 course and to ensure Title 5 ISA laws and requirements are followed and met.	No	Mike Ketaily, DC

AMT 11.0 PRIOR RESOURCE REQUESTS CONTRIBUTION

AMT 11.0 Prior Resource Request Contribution

11.1 PRIOR REQUESTS
If you received resources as a result of a previous program review process, how have those resources contributed to previous objectives?

No Value

ACADEMIC ANNUAL (2020-2021 Cycle) -- FIRE TECHNOLOGY Latest Version

Annual Program Review for Academic Departments/Discipines. FIRE TECHNOLOGY

INSTRUCTIONS

INSTRUCTIONS for Completing the Strategic Initiative - Program Review

1.0 Program Description

AA 1.1 Brief Program Description : Version by **Dawald, Janet** on **11/30/2020 18:34**

Please provide a brief description of your program in the text box below.

The **Oxnard College Fire Technology Program** (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology) educates career, volunteer and industrial fire protection and emergency services students throughout our communities to deal effectively with the social, economic and technical aspects of fire and emergency response. The **Fire Technology Program** provides students with **multiple pathways** (https://www.oxnardcollege.edu/departments/academic/fire-technology/pathway-to-a-fire-service-career) to a career in Emergency Services. The AS Degree is transferable to four-year schools. The Fire Technology Program is *thriving*. Classes fill quickly and every course is offered every semester. The OC **Fire Technology Instructors** (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/meet-your-fire-technology-instructors) consist of an experienced group of **State Certified** (https://www.youtube.com/watch?v=cRCGD72XSbs&app=desktop) subject matter experts in their respective fields. All Instructors are "**distance education**" (https://www.oxnardcollege.edu/online-services/distance-education) certified and all **Fire Technology classes** (http://C:\Users\mjewett\AppData\Local\Microsoft\Windows\INetCache\Content.Outlook\FPG9XW03\Oxnard College Fire Technology Classes.docx) are delivered online. A new Assistant Dean of Public Safety, **Matthew Jewett** (https://www.oxnardcollege.edu/public-safety), was hired in the Fall of 2019. He has made an **immediate** and **positive impact** on the program.

There has been an **upswing** in the Emergency Services **hiring process** and many of our students are getting hired by Fire and EMS agencies before they complete the Fire Tech Program. The upswing in the hiring process is largely due to retirements happening in the Baby Boomer Generation.

The Oxnard College Fire Technology Program is located at a state of the art training facility on the **Camarillo Airport**. The facility is shared with the **OC Regional Firefighter I/II Academy**, (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-regional-fire-academy) the **OC Emergency Medical Technician (EMT) Program** (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-emergency-medical-technician), the Ventura County Fire Department and the Ventura County Sheriff Department. The facility is changing. The Ventura County Fire Department purchased land on the Camarillo Airport property from the VCCCD. The Oxnard College Fire Academy has facilities that house fire engines and training equipment located on this property.
Oxnard College and the VCCCD have agreed to improve the property located west of the current Fire Tech building. The improved property **will house new facilities for storage, student parking and training** for the **Oxnard College Fire Academy**. The project is in **"Phase II"** of construction. There are **three phases** and project completion is projected Spring of 2021. The training props used for the academy programs are located on the property that was sold to Ventura County Fire Department by VCCCD. There are now many stakeholders using this property and these props. This has made scheduling courses at the appropriate times challenging. The sale of this property has also reduced the ability for OC to expand the public safety programs.

The Oxnard College Fire Technology Program has **increased opportunities** to **access and provides multiple pathways for student success**. Students can earn an **AS Degree** in **Fire Technology** (https://www.oxnardcollege.edu/departments/academic/fire-technology/fire-technology-ascertificate-of-achievement-plan), complete a **Certificate of Achievement in Fire Technology** (https://www.oxnardcollege.edu/sites/oxnardcollege/files/departments/academic/fire-technoology/fire_technology_-_catalog_page.pdf), complete a Certificate of Achievement at a **State Certified Firefighter I/II Academy** (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-regional-fire-academy), earn a Proficiency Award in EMT, earn a Proficiency Award at a **Wildland Fire Academy** (https://www.oxnardcollege.edu/departments/academic/public-safety-fire-technology/public-safety-wildland-firefighter-academy) or earn a Proficiency Award at a Lifeguard Academy that meets USLA certification and **CA State Fire Training Open Water Rescue certification**. (https://osfm.fire.ca.gov/media/2654/openwaterrescue-courseplan.pdf) The OC Public Safety facility was recently approved as a **Pearson View Testing Center** (https://home.pearsonvue.com/). This allows **students who complete EMT Programs** to take the **National Register Emergency Medical Technician Final exam** at our facility.

Oxnard College Fire Technology is **partnering with the community** to meet their needs. In the Spring of 2017, **Oxnard College entered into an Internship Agreement with the Oxnard Fire Department** to provide three Fire Technology students with one-year internships. This internship has continued into the Fall of 2020 and new interns are being selected for the Spring of 2021. The Intern Program has been very successful and now Ventura County, Ventura City and Fillmore Fire Departments are evaluating it.

PSLO's and Course SLO's are **evaluated** at the end of **every semester** in order to **enhance Institutional Effectiveness**. They are discussed and evaluated at Fire Tech Advisory Meetings, Department Meetings and there is frequent communication between instructors and the Department Chair.
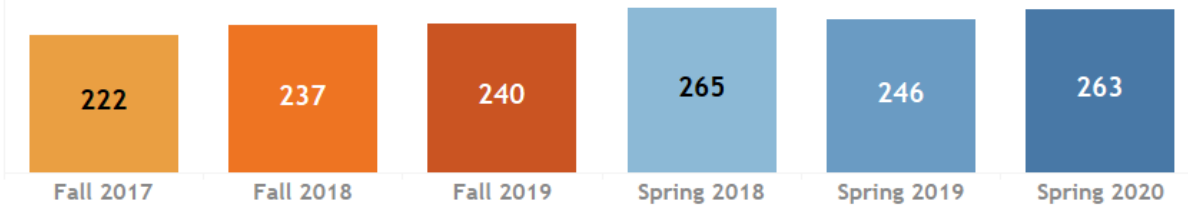
The **International Fire Service Accreditation Congress** (https://ifsac.org/) (IFSAC) conducted (Feb 2020) an extensive, **accreditation evaluation** of the **Fire Technology Program**. The **Program Accreditation Evaluation** was successful and the Fire Technology Program at Oxnard College is the only accredited two-year degree program in the State of California.

During the **Covid-19 pandemic**, members of the Fire Tech Program have provided leadership in developing **OC Covid-19 Operational Guidelines** (http://C:\Users\mjewett\AppData\Local \Microsoft\Windows\INetCache\Content.Outlook\FPG9XW03\Covid 19 Guidelines Fall 2020 072220.pdf) and implementing plans to reopen portions of the main campus, the Fire Academy and the EMT Program.

The Public Safety Department **provides integrated services and support structures** for OC and has been responsible for developing OC Monthly Emergency Scenarios, maintaining the OC Emergency Supply Connex Box, training the OC CERT Team, implementing an OC Active Shooter Full Scale Exercise, implementing the OC Stop the Bleed Training and providing training to the OC Incident Management Team.
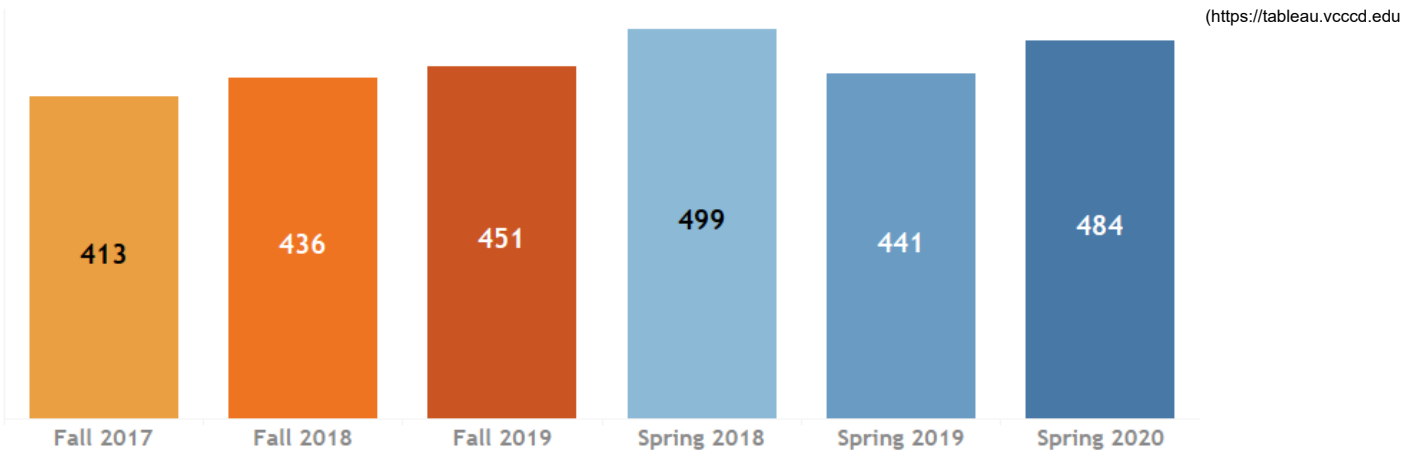
OC Public Safety has **optimized relationships** with our partner agencies: Oxnard FD, Oxnard PD, Ventura County FD(VCFD) and the Ventura County Sheriff Office. These relationships have improved greatly during this past year. All agencies have a **very positive perception of Oxnard College** and we have been able to **share resources and information with our partners that have led to safe Covid-19 operations.**

AA 1.2 (Tableau Head Count & Enrollment) : Version by **Dawald, Janet** on **10/23/2020 22:16**

Enrolled Head Count   Fire Technology
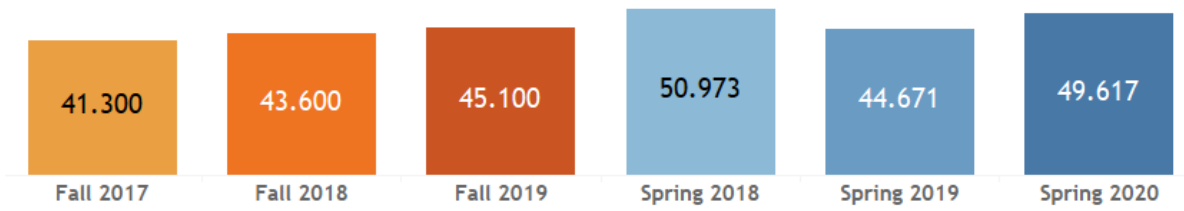(unduplicated, individual human students)

Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020
222	237	240	265	246	263

Enrolled Duplicated
(duplicated - a single student can be enrolled in multiple courses)

(https://tableau.vcccd.edu

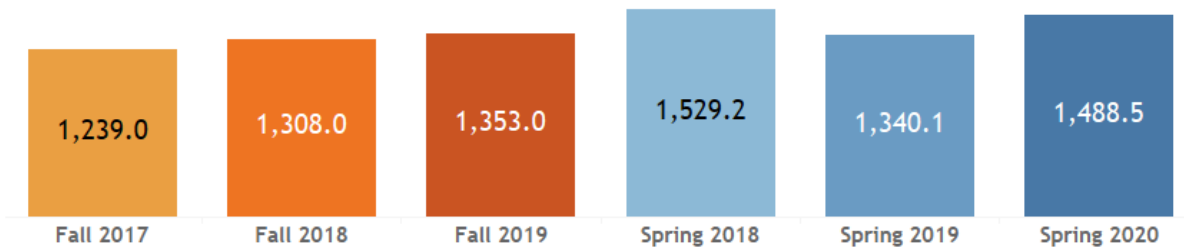| Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020
413	436	451	499	441	484

/t/Public/views/ENROLLMENT_Program_Review/Enrollment?Discipline=Fire%20Technology&

iframeSizedToWindow=true&:embed=y&:display_count=no&:showAppBanner=false&:origin=viz_share_link&:showVizHome=no)

AA 1.3 (Tableau FTES - WSCH - Productivity) : Version by **Dawald, Janet** on **10/23/2020 22:17**

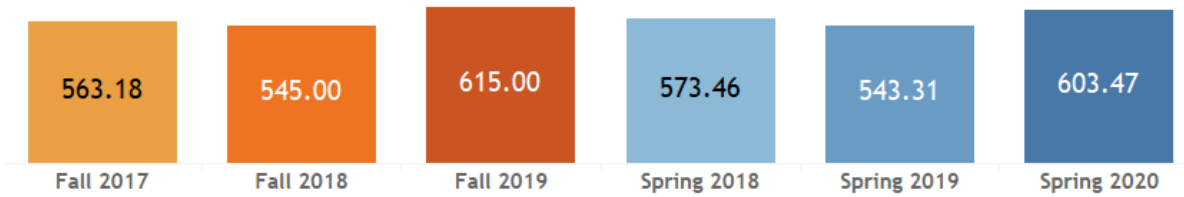## FTES Full-Time Equilvalent Students Fire Technology

Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020
41.300	43.600	45.100	50.973	44.671	49.617

Aggregate WSCH Weekly Student Contact Hours

Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020
1,239.0	1,308.0	1,353.0	1,529.2	1,340.1	1,488.5

(https://tableau.vcccd.edu

PRODUCTIVITY

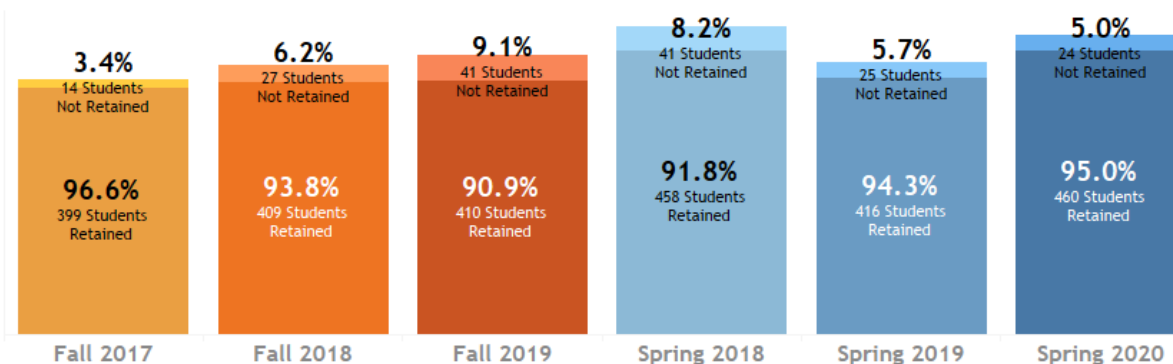| Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020
563.18	545.00	615.00	573.46	543.31	603.47

/t/Public/views/FTES_WSCH_PRODUCT/FTESWSCHPRODUCTIVITY?Discipline=Fire%20Technology&
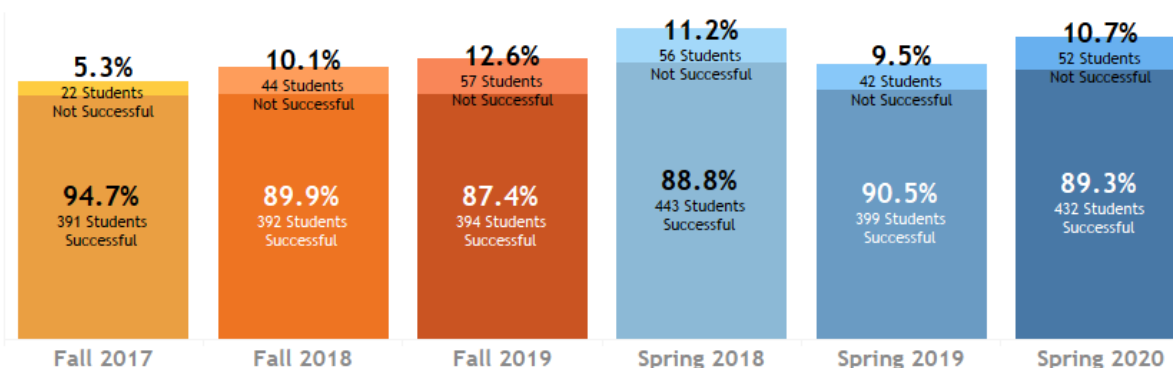iframeSizedToWindow=true&:embed=y&:display_count=no&:showAppBanner=false&:origin=viz_share_link&:showVizHome=no)

AA 1.4 (Tableau Retention & Success) : Version by **Dawald, Janet** on **10/23/2020 22:18**

Retention Rates   Fire Technology

3.4% 14 Students Not Retained	**6.2%** 27 Students Not Retained	**9.1%** 41 Students Not Retained	**8.2%** 41 Students Not Retained	**5.7%** 25 Students Not Retained	**5.0%** 24 Students Not Retained
96.6% 399 Students Retained	**93.8%** 409 Students Retained	**90.9%** 410 Students Retained	**91.8%** 458 Students Retained	**94.3%** 416 Students Retained	**95.0%** 460 Students Retained
Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020

(https://tableau.vcccd.edu

Success Rates

5.3% 22 Students Not Successful	**10.1%** 44 Students Not Successful	**12.6%** 57 Students Not Successful	**11.2%** 56 Students Not Successful	**9.5%** 42 Students Not Successful	**10.7%** 52 Students Not Successful
94.7% 391 Students Successful	**89.9%** 392 Students Successful	**87.4%** 394 Students Successful	**88.8%** 443 Students Successful	**90.5%** 399 Students Successful	**89.3%** 432 Students Successful
Fall 2017	Fall 2018	Fall 2019	Spring 2018	Spring 2019	Spring 2020

/t/Public/views/ENROLLMENT_Program_Review/RetentionSuccess?Discipline=Fire%20Technology&
iframeSizedToWindow=true&:embed=y&:display_count=no&:showAppBanner=false&:origin=viz_share_link&:showVizHome=no)

2.0 Program Update

AA 2.1 Program Update : Version by **Ketaily, Michael** on **11/30/2020 20:15**

If significant changes have occurred in your program, please answer "Yes" and explain below. If not, simply enter "No" in the textbox below.

Spring of 2020 brought the Covid-19 Pandemic and the Fire Technology Program successfully pivoted from mostly "in-person" delivery to fully "online delivery." Management and Faculty worked together in order to **innovatively retain, achieve and maintain Student Retention/Success.**

Randall Osborne is an Oxnard College, Part-Time Faculty. "Randy" completed the **Online Teacher Training Certification Course** several years ago and was immediately identified as having that "special DE Canvas talent".   Randy spent so much time assisting Fire Tech Faculty, that the Assistant Dean of Public Safety inquired if **Randy** would be **agreeable** to help out other **college faculty**. Randy agreed and eagerly assumed this role. He provided **countless hours of professional development to other college faculty.** The assistance and training that Randy provided will have a **positive impact** on **student retention and success**.

Randy was **recognized** for his efforts and was **awarded** the Oxnard College, "*Joe Escobar Award for Excellence in Teaching!!*"

Randy Osborne

During the Summer of 2020, **all Fire Technology Instructors** attended and **successfully completed** the Oxnard College "**Online Teacher Training Certification Course**."

Because of **Laura Gentry, Randy Osborne** and the OTTCC training, Public Safety faculty were able to focus on **developing and delivering quality online instruction and this met the student's needs**.

Instructors maintain regular and effective student contact via Zoom Synchronous/Asynchronous and email. **This allows faculty to provide comprehensive student support.**

In the **Fall of 2020**, all Fire Technology courses were delivered **fully online**. These online courses filled quickly.   **Spring 2021** Fire Technology courses are **full already** and there is considerations for **increasing class size to 60-80** students. Enrollment, FTES, Weekly Student Contact Hours. Retention Rates, and Success Rates are **consistently high**.

Two very active social media platforms raise awareness to events within the Oxnard College Public Safety Department. These platforms are followed by thousands of followers. They increase student attention, curiosity, interest and desire to get **enrolled in classes**.

The Fire Technology Program continues to annually increase the Degrees and Certificates awarded.
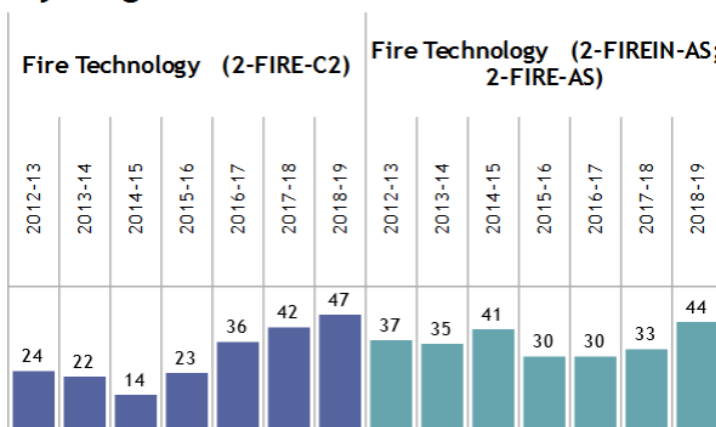
3.0 Program Plans

AA 3.1 Program Plans : Version by **Magenau, Keller** on **01/17/2021 16:15**

Discuss plans for program enhancement and any factors that support your program resource requests this year.

The future of our Fire Technology Program is continued "Online Delivery." We are continually looking to make improvement to this delivery. Instructors stay connected via zoom meetings through daily/weekly conversations.

The **prerequisites are changing** for acceptance into the Fall 2021 **Fire Academy**. **FT151 – "Fire Protection Organizations**" and **NREMT** remain, but the following classes have been added as prerequisites:

- **FT154** – Fire Behavior and Combustion
- **FT158** – Firefighter Safety and Survival
- **FT160** – Fire Strategy and Tactics
- **FT167** – Fire Apparatus and Equipment

All four new prerequisites are already full (50 students) and waitlisted for Spring of 2021. We are considering increasing class size to 60-80 students. **Increasing class size would ensure acceptable enrollment management practices. It would also ensure that students are accelerated towards their completion.** Instructors are confident that they can maintain "Regular and Effective Contact" with their students despite the class size.

During the Fall of 2020, OC Fire Technology **actively identified current and future educational needs**. OC began delivering the following California State Fire Marshal Courses to "In-Service Firefighters: <u>The Instructor Series, Ethical Leadership in the Classroom, Regional Instructor Orientation (RIO) and CEET Training</u>.   State Fire Training Course delivery will increase during calendar year 2021.

A new "**Company Fire Officer**" **AS Degree and related classes** are working their way through the current OC curriculum process. Completion of this degree grants certification to "In-Service" Firefighters to assume the rank of an Officer/Captain on a Fire Engine or Fire Truck. Plans are to deliver a full slate of Company Fire Officer Courses starting in the **Fall of 2021**. We anticipate an **increase** in desire for both **Fire Technology courses** and **In-Service courses**. We are **poised to effectively meet** the **needs** of the **students** in these areas.

4.0 Concluding Comments

AA 4.1 Conclusion and Other Information : Version by **Ketaily, Michael** on **11/30/2020 20:15**

Use this space to summarize or offer any other information about your program, including effective, high impact practices recently implemented, outstanding achievements, and anything else that shows the vitality of your program.   *(Optional)*

The Public Safety Department has been a "Signature Program' for both Oxnard College and the Ventura County Community College District and has been a leader in FTES generated and Degrees/COA's received. The OCRFA has provided training for thousands of firefighters since 1997.

Oxnard College and the Ventura County Community College District have provided the necessary support that allowed a "pivot" during Covid-19. Fire Technology Instructors ensured student success by quickly gaining DE certification in order to continue effective and regular student contact and course delivery.

Program success depends on Oxnard College Support, Motivated Instructors and Goal-Oriented Students. This Program has all three and should continue to flourish next year.

AA 4.2 College Assistance : Version by **Ketaily, Michael** on **11/30/2020 20:15**

In what ways could other areas of the college be important to the success of your program?   *(Optional)*

The Fire Technology Program reaches out to many High Schools during the school year. We also receive many visitors to our location that express interest in attending our program. Promotional products are required to promote the Public Safety Department and leave a lasting impact on visitors. We are out of promotional items and will need more next year when we return to normal. **Resource request attached.**

Distance education/online delivery of Fire Tech classes has increased creativity among the Fire Tech Instructors. Next semester we will be using a subscription service to assist in the editing of segments of course instruction. The company that we will be using is Cinemaker and they are a reputable company. There is an annual subscription fee associated with this service. **Resource request attached.**

CTE Advisory Minutes UPLOAD

>> RESOURCE REQUESTS

Resource Request - Download BLANK Document

Resource Request - UPLOAD Completed Resource Request(s) : Version by **Ketaily, Michael** on **11/30/2020 20:15**

Resource Description	$ Amount Requested	Priority	Justification Summary

End of Preparer Responses -- Beginning of Reviewer Responses

PROGRAM REVIEW

(A) Program Review Criteria for ALL Areas Under Review : Version by **Fulkerson, Marcia** on **01/18/2021 19:43**

1. Is there evidence of student demand?

Yes.
Enrollment has consistently grown over the past 3 years.
2. Is there evidence of industry demand?

Yes.

3. Is there evidence of employee demand?

N/A

4. Is there evidence of organizational demand?

N/A

5. Is there evidence that the program advances the District / College mission?

Yes.

The Fire Tech program is in line with the College Mission.
provides students with multiple pathways to a career in Emergency Services.

6. Is there evidence that the program addresses District / College strategic initiatives and goals?

Yes.

7. Is the program review analysis thorough and complete?

Yes.

The Fire Tech department did an excellent job preparing the program review report.

8. Is there evidence of review and analysis of Outcomes Assessment? (SLO's)

Yes.

The Fire Tech department reports they regularly assess SLO's.
SLO's are evaluated at the end of every semester in order to enhance Institutional Effectiveness. They are discussed and evaluated at Fire Tech Advisory Meetings, Department Meetings
and there is frequent communication between instructors and the Department Chair.

9. Does This Program Need to create an improvement plan?

No.

(B) RESOURCES : Version by **Fulkerson, Marcia** on **01/18/2021 19:43**

1. Is this program in need of resources to maintain the program?

Yes.

The Fire Technology program needs resources to support students and enrollment growth.

2. Is there evidence that the past resources were utilized well?

Yes.

3. Would allocating resources to this program help to maintain or enhance the level of performance/service of this program?

Yes.

(C-1) INSTRUCTIONAL PROGRAMS ONLY : Version by **Fulkerson, Marcia** on **01/18/2021 19:44**

1. Course enrollments are consistently strong or increasing each year.

Yes.

The Fire Tech program has experienced consistent enrollment growth over the past 3 years.

2. Course RETENTION rates are consistently strong or increasing each year.

Yes

The Fire Technology program consistently have retention over 90% which is very strong.

3. Course SUCCESS rates are consistently strong or increasing each year.

Yes

The Fire Technology program consistently have success rates over 90% which is very strong.

4. Evident of analysis on retention and success data of DE vs. Non-DE sections.

Yes

In response to the Covid 19 pandemic, the Fire Technology program converted all of their classes to an online format. The success rates in Spring 2020 were consistent with prior
semesters.

(C-2) INSTRUCTIONAL PROGRAMS ONLY : Version by **Hall, Steven** on **01/16/2021 02:30**

1. Degree/Certificate completions
Increasing.
The data shows that completions have been consistently increasing for the past 3 years.

2. Course PRODUCTIVITY levels
Consistent.
The data shows a consistent level of productivity.

3. Number of Transfers
N/A

(D) PROGRAM STATUS : Version by **Fulkerson, Marcia** on **01/18/2021 19:45**

Using just one of the six responses above, what is the status of this program?
(You can elaborate here on Line 2 and more if you wish, but please choose only one for your response on Line 1)
Excellent
Highlight three *strengths* of this program:
Excellent, collaborative team that not only continually improves their program, but also contributes to the college as a whole.
Innovation to grow and strengthen Public Safety at OC.
Collaboration and partnerships locally, regionally, state wide and nationally.
Visually beautiful report
partnering with the community for an Internship Agreement with the Oxnard Fire Department.
During the Covid-19 pandemic, members of the Fire Tech Program have provided leadership in developing OC Covid-19 Operational Guidelines and implementing plans to reopen portions of the main campus, the Fire Academy and the EMT Program.

List three possible areas for *program improvement:*
No Value

SIGNATURE BLOCK

SIGNATURE BLOCK >> Preparer and Reviewer Names, Roles & Optional Comments : Version by **Fulkerson, Marcia** on **01/18/2021 19:45**

Collaborator Names (Required)	Role	Comments (Optional)
Steve Hall	Reviewer	undefined
Marcia Fulkerson	Reviewer	
Tamara Crudo	Preparer	

OXNARD COLLEGE STATEMENTS

Oxnard College Mission, Vision & Values + Strategic Goals and User Guide Download