

Executive Chief Fire Officer Certificate of Achievement

Item 1. Program Goals and Objectives

The Executive Chief Fire Officer Certificate of Achievement is designed to meet the training and educational requirements established by the State Fire Marshal's Office for Fire Officer Certification. The program will prepare students for the Company Officer, Chief Fire Officer, and Executive Chief Fire Officer exam and certification as a California State Executive Chief Fire Officer. After successful completion of this certificate, students will be able to take promotional exams for career advancement State wide.

Upon completion of the following courses with a grade of 'C' or better in each course, students will be awarded an Executive Chief Fire Officer Certificate of Achievement.

Career Subject Area: Firefighting

Career Opportunities: Fire Service

Program Learning Outcomes

1. Identify the different levels of certification in the Executive Chief Fire Officer certification track, Including Company Officer, Chief Fire Officer and Executive Chief Fire Officer.
2. Describe administrative policies and procedures, including purchasing and budget processes.
3. Identify methods to determine accident and injury prevention program effectiveness. Analyze data and accepted safety practices.
4. Determine effective recruitment, selection, and placement of human resources according to the law and consistent with current best practices.

Item 2. Catalog Description

The Certificate of Achievement, Executive Chief Fire Officer Certificate of Achievement is designed to meet the training and educational requirements established by the State Fire Marshal's Office for Fire Officer certification. The program will prepare students for the Company Officer, Chief Fire Officer, and Executive Chief Fire Officer exam and certification as a California State Executive Chief Fire Officer. After successful completion of this certificate, students will be able to take promotional exams for career advancement State wide.

Upon completion of the following courses with at least a "C" grade in each course, a student will be awarded a Certificate of Achievement for Executive Chief Fire Officer.

Total Units: 21.5

Program Learning Outcomes

1. Identify the different levels of certification in the Executive Chief Fire Officer certification track, Including Company Officer, Chief Fire Officer and Executive Chief Fire Officer.

2. Describe administrative policies and procedures, including purchasing and budget processes.
3. Identify methods to determine accident and injury prevention program effectiveness. Analyze data and accepted safety practices.
4. Determine effective recruitment, selection, and placement of human resources according to the law and consistent with current best practices.

Item 3. Program Requirements

FIRE B52A Company Officer 2A (2 units)
and
FIRE B52B Company Officer 2B (1 unit)
and
FIRE B52C Company Officer 2C (2 units)
and
FIRE B52D Company Officer 2D (2 units)
and
FIRE B52E Company Officer 2E (2 units)
and
FIRE B52F Chief Fire Officer 3A (1.5 units)
and
FIRE B52G Chief Fire Officer 3B (1 unit)
and
FIRE B52H Chief Fire Officer 3C (1 unit)
and
FIRE B52I Chief Fire Officer 3D (1 unit)
and
FIRE B52J Executive Chief Fire Officer 4A (1.5 units)
and
FIRE B52K Executive Chief Fire Officer 4B (0.5 unit)
and
FIRE B52L Executive Chief Fire Officer 4C (1.5 units)
and
FIRE B52M Executive Chief Fire Officer 4D (2 units)
and
FIRE B52N Executive Chief Fire Officer 4E (0.5 units)
and
FIRE B52O Fire Instructor 1 (2 units)

Total Units 21.5

Item 4. Master Planning

There is currently no Executive Chief Fire Officer Certificate of Achievement certificate at Bakersfield College. The program is designed to prepare students in a timely manner for career advancement and promotional opportunities in the fire service fields.

There are no similar Executive Chief Fire Officer Certificate of Achievement certificate programs offered in the Kern County area.

The certificate ties directly to the Bakersfield College Educational Master Plan 2011-2014:

“Mission - Bakersfield College is committed to providing excellent learning opportunities in basic skills, Career/Technical Education, and transfer courses for our community so that our students can thrive in a rapidly changing world.” (page 8, Bakersfield College Educational Master Plan, 2011-2014)

Kern County Employment by Kern County Fire

The certification they receive will make them marketable for anywhere in the state, not just kern county.

Source: Labor Market Information, California and Kern County Projections by Industry 2012-2022. Prepared Oct. 29, 2014; analysis by <file:///C:/Documents%20and%20Settings/tcapehar.BC/Local%20Settings/Temporary%20Internet%20Files/OLK72/Occupation%20Profile%20California%20LaborMarketInfo.htm> and Tim Capehart, (page 17, Bakersfield College Educational Master Plan, 2011-2014)

Recipients of this certificate will work in positions needed in California, Kern County and Bakersfield City in the “Fire Service Field” area, as seen in the chart below, but could take the certification state wide.

Fire Fighters, California, 2012 – 2022/2015
 Estimated employment: 28,700/830
 Projected: 30,500/830
 Employment change: #1,800/0
 6.3% increase/0
 Average annual openings: 7,800/50

**Executive Chief Fire Officer Certificate of Achievement
 Estimated Employment and Projected Growth**

Geographic Area (Estimated Year-Geographic Projected/Area/Year	Estimated Employment	Projected Employment	Numeric Change	Percent Change	Additional Openings Due to Net Replacements
California 2012/2022	28,700	30,500830	1,800	6.3	7,800
Kern County/Bakersfield City 2012/2015	830	830	50	0	(50 total) 30 for county, and 20 for city. For 2015 only.

Item 5. Labor market information (see last page for Enrollment and Completer Projections)

Labor Market Information & Analysis (CTE only) – State of California Employment Development Department

<http://www.labormarketinfo.edd.ca.gov/cgi/databrowsing/occExplorerQSDetails.asp?careerID=&menuChoice=&geogArea=0601000000&soccode=332011&search=Explore+Occupation>

State of California
Employment Development Department

Home | Unemployment | Disability | Jobs & Training | Payroll Taxes | Labor Market Info

Occupation Profile

Fire Fighters
(SOC Code : 33-2011)
in California

Control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster management.

Employers usually expect an employee in this occupation to be able to do the job after Long-term on-the-job training (> 12 months).

View a [Career Video](#) for this occupation from America's Career InfoNet (requires [Windows Media Player](#))

Occupational Wages

Area	Year	Period	Hourly Mean	Hourly by Percentile		
				25th	Median	75th
California	2014	1st Qtr	\$34.70	\$25.30	\$33.49	\$43.98

[View Wages for All Areas](#) [About Wages](#)

Occupational Projections of Employment (also called "Outlook" or "Demand")

Area	Estimated Year-Projected Year	Employment Estimated	Employment Projected	Employment Change Number	Employment Change Percent	Annual Avg Openings
California	2012 - 2022	28,700	30,500	1,800	6.3	970

[View Projections for All Areas](#) [About Projections](#)

Since we are accredited by the California State Fire Marshal our students can test for jobs anywhere in the state, so I have chosen to do the job market survey on all of California, instead of just Kern County.

Item 6. Place of Program in Curriculum/Similar Programs

Students who complete the Executive Chief Fire Officer Certificate of Achievement will meet the designed training and educational requirements established by the State Fire Marshal's Office for Fire Officer Certification. The program will prepare students for the Company Officer, Chief Fire Officer, and Executive Chief Fire Officer exam and certification as a California State Executive Chief Fire Officer. After successful completion of this certificate, students will be able to take promotional exams for career advancement State wide. After successfully completing each course a certificate is issued through the State Fire Marshal. This program will allow Bakersfield College to issue a certificate of completion, and receive recognition for providing the training. Students who complete this academy will receive both the certificate of achievement from Bakersfield College and the State Fire Marshal certificate.

Item 7. Similar Programs at Other Colleges in Service Area

Bakersfield College is the first to offer the Executive Chief Fire Officer Certificate of Achievement in the State, and the only CTE training program in the Kern Community College District service area.

See last page for List of Advisory Committee Members.

Student Education Plan (SEP) Pathway

Goal: develop a pattern of courses including both major and general education courses for college-ready students earning their degree in 2 years.

Pathway Guidelines:

1. Create a pattern of course-taking for a full-time student (12-16 units per semester=60 units total).
2. Start the pathway at college level. Academic Development will create a pathway for underprepared students.
3. Research demonstrates that students who complete their English and Math first are more successful.
4. Be sure the order of the coursework includes prerequisites taken at appropriate times.
5. Consider a balance between major courses, general education courses and easy versus hard courses.

Degree Executive Chief Fire Officer AA AS AA-T AS-T COA>18 units COA<18 units JSC

GE Pathway: IGETC (UC pathway) CSU Breadth BC Gen Ed (Certificates and Job Skills do not need General Education)

Step 1: Enter major courses by name and number.

Step 2: Choose appropriate GE courses fulfilling the GE pathway indicated above by course name, number, and category the course fulfills.

First Semester	Gen Ed	Units
FIRE B52a		2
FIRE B52b		1
FIRE B52c		2
FIRE B52d		2
<i>Recommend STDV B1 (educational planning)</i>		.5
Total		7

Second Semester	Gen Ed	Units
FIRE B52e		2
FIRE B52f		1.5
FIRE B52g		1
Total		4.5

Third Semester	Gen Ed	Units
FIRE B52h		1
FIRE B52i		1
FIRE B52j		1.5
FIRE B52k		.5
Total		4

Fourth Semester	Gen Ed	Units
FIRE B52l		1.5
FIRE B52m		2
FIRE B52n		.5
Fire Instructor 1		2
Total		6

Faculty Lead for Pathway: Tim Capehart Student Affairs Lead for Pathway: Dinorah Castro
 Department approval date 10-28-15

21.5 units of Fire Technology Courses are required.

*** Visit the Bakersfield College Fire Technology website for complete program information at www2.bakersfieldcollege.edu/firetech/**

Fire Fighter I Academy COA

1. List of Advisory Committee members including name, title and affiliation
 - a. Bill Ballard, Training Chief Officer, City of Bakersfield Fire Department
 - b. Tyler Hartley, Deputy Chief Officer, City of Bakersfield Fire Department
 - c. Charles Truvillion, Training Chief Officer, County of Kern Fire Department
 - d. Mike Cody, Deputy Chief Officer, County of Kern Fire Department
 - e. Cindy Collier, Fire Technology Program Dean, Bakersfield College
 - f. Tim Capehart, Director Fire Technology/EMS, Bakersfield College

Executive Chief Fire Officer COA

1. Enrollment and Completer Projections
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2. List of Advisory Committee members including name, title and affiliation
 - a. Trever Martinusen, Training Chief Officer, City of Bakersfield Fire Department
 - b. Tyler Hartley, Deputy Chief Officer, City of Bakersfield Fire Department
 - c. Charles Truvillion, Training Chief Officer, County of Kern Fire Department
 - d. Mike Miller, Deputy Chief Officer, County of Kern Fire Department
 - e. Cindy Collier, Fire Technology Program Dean, Bakersfield College
 - f. Tim Capehart, Director Fire Technology/EMS, Bakersfield College



11-20-15

Minutes of the 10-26-15 Advisory Board Meeting Agenda

Members present: Tim Capehart, Chief Miller, Chief Hartley, Chief Truvillion, Chief Martinusen, Janet Mason, Tracy Garber.

1. Review and vote to accept the minutes of the previous meeting.

A vote was taken and passed unanimously to accept the minutes of the last meeting.

2. Discuss new payroll changes a. Cindy to go over new changes to how we need to report future payroll hours.

Dean Collier went over the new payroll changes HR will be requiring will all of the advisory board members.

3. UCLA update on training. a. Do we have a complete list of existing and projected class dates? b. Charles, were you able to obtain the information needed for renting classrooms at the College?

The board voted to not allow UCLA to use the Olive Drive Training Facility for industrial safety training classes.

4. Forklift repair. a. Would the county entertain transferring the forklift to the college, so we can get it repaired? b. If not we would need to look into including maintenance of the forklift into the new ISA agreement.

The fork lift is excess property of the county, they cannot transfer it to the college.

5. Discuss the date of the first meeting for renewing the ISA agreement.

The third Tues. in January was agreed to.

6. We need to vote on approval of computer lab furniture, with current bids or if we should go out and get new bids.

The vote was unanimous, furniture PO is being developed.

7. Distribute the new budget; ask if anyone wants to change amounts of line items.

Budget was accepted as is.

8. Vote to approve the development of the new Executive Chief Fire Officer Certification, Certificate of Achievement.

The vote was unanimous, to move forward with new Executive Chief Fire Officer Certification, Certificate of Achievement.