



## New Program Report

**Date Submitted:**

03/28/2019

**Institution**

State Fair Community College

**Site Information**

**Implementation Date:**

8/11/2019 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Online , 3201 W. 16th Street, Sedalia, MO, 65301

State Fair Community College, 3201 W. 16TH Street, Sedalia, MO, 65301-2199

**CIP Information**

**CIP Code:**

430203

**CIP Description:**

A program focusing on the theory and practice of fires and fire-fighting. Includes instruction in fire chemistry and physics, combustible materials, computer science, building construction, fire codes and related laws, fire hydraulics, fire command, fire prevention/inspection, fire protection systems, fire suppression systems, fire/arson investigation, occupational safety, equipment operation, emergency medicine and communications.

**CIP Program Title:**

Fire Science/Fire-fighting

**Institution Program Title:**

AAS in Fire Science

**Degree Level/Type**

**Degree Level:**

Associate Degree

**Degree Type:**

Associate in Applied Science

**Options Added:**

**Collaborative Program:**

N

**Mode of Delivery**

Current Mode of Delivery

Classroom

Online

Student Preparation



## New Program Report

Special Admissions Procedure or Student Qualifications required:

To successfully complete the certificate/degree, students will have to complete a state approved firefighter training program (FIRE130/131) which will require physical fitness and academic efforts.

Specific Population Characteristics to be served:

n/a

### Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

All faculty within the actual FIRE courses will be state certified instructors in fire science as approved by the MO Department of Public Safety

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

0-33%. Majority FIRE classes will be taught by adjuncts. The General Education and two other courses (CJ 104 and FIRE 175) could be taught by Full Time criminal justice instructor but not necessarily.

Expectations for professional activities, special student contact, teaching/learning innovation:

N/A

### Student Enrollment Projections Year One-Five

Year 1	Full Time: 5	Part Time: 5	
Year 2	Full Time: 4	Part Time: 10	
Year 3	Full Time: 5	Part Time: 10	Number of Graduates: 10
Year 4	Full Time: 5	Part Time: 15	
Year 1	Full Time: 5	Part Time: 5	
Year 2	Full Time: 4	Part Time: 10	
Year 3	Full Time: 5	Part Time: 10	Number of Graduates: 10
Year 4	Full Time: 5	Part Time: 15	
Year 5	Full Time: 5	Part Time: 15	Number of Graduates: 20

Percentage Statement:

100.00

Program Accreditation



## New Program Report

**Institutional Plans for Accreditation:**

We are not seeking any formal accreditation of this program in that there are not any appropriate accreditation programs available in this field. The exam contained within the Fire Fight I and II class is an approved exam actually administered by the State of Missouri Department of Public Safety, but the entire program is not to accredited at this time outside of our normal college process with HLC.

**Program Structure**

**Total Credits:**

63

**Residency Requirements:**

15 semester hours

**General Education Total Credits:**

15

**Major Requirements Total Credits:**

45

**Course(s) Added**

COURSE NUMBER	CREDITS	COURSE TITLE
FIRE 134	3	Fire Prevention
FIRE 135	3	Fire Safety and Survival
FIRE 138	3	Fire Investigations
FIRE 131	6	Firefighter 2
FIRE 136	3	Building Construction for Fire
FIRE 132	3	Intro to Emergency Services
FIRE 133	3	Fire Behavior and Combustion
FIRE 137	3	Fire Protection Systems
FIRE 139	3	Tactics and Strategies
FIRE 140	3	Hydraulics and Water
FIRE 141	3	Fire Leadership
FIRE 175	3	Fire Internship
FIRE 130	6	Firefighter 1

**Free Elective Credits:**

0

**Internship or other Capstone Experience:**

N/A

**Assurances**

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus, CBHE-approved service region or CBHE-approved off-site location.



## New Program Report

I certify that the program will not unnecessarily duplicate an existing program within the geographically applicable area.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

### Contact Information

First and Last Name: DARCI MCFAIL

Email: [dmcfail@sfccmo.edu](mailto:dmcfail@sfccmo.edu)

Phone: 660-596-7271

**Total Credits (A): 63**

**Residency Requirements: 15 semester hours**

**General education: Total credits: 15 hours**

**General Education Courses (C):**

Course Subject	Course Number	Course Title	Credit Hours	Minimum Grade
POLS	101	American/National Government	3	D
COMM	101	Public Speaking	3	D
MATH	101	Business Math or Intermediate Algebra	3	C
ENG	101	English Composition I	3	C
		Ethics/General Sociology/General Psychology (choose 1)	3	D

**Major requirements: (D):**

Course Subject	Course Number	Course Title	Credit Hours	Minimum Grade
FIRE	130	Firefighter 1	6	C
FIRE	131	Firefighter 2	6	C
FIRE	133	Fire Behavior and Combustion	3	C
FIRE	132	Intro to Emergency Services	3	C
FIRE	134	Fire Prevention	3	C
FIRE	135	Fire Safety and Survival	3	C
FIRE	136	Building Construction for Fire	3	C
FIRE	137	Fire Protection Systems	3	C
FIRE	138	Fire Investigations	3	C
FIRE	139	Tactics and Strategies	3	C
FIRE	140	Hydraulics and Water	3	C
FIRE	141	Fire Leadership	3	C
FIRE	175	Fire Internship	3	C

**Free elective credits (E):**

Course Subject	Course Number	Course Title	Credit Hours	Minimum Grade

Does this program require an internship or other capstone experience?	Yes, FIRE 175 (3 credits)
Any unique features such as interdepartmental cooperation?	No

Catalog:

Category	Hours Required	Course Used
Written and Communications	6	ENG101 and COMM 101
Mathematical Sciences	3	MATH 101 or MATH112
Civics	3	POLS101
Humanities, Sciences, and Fine Arts	3	PHIL102 or SOC 100 or PSYC101

\*General Education Requirements can be found in Section 2 of the current catalog.

Developmental courses may or may not be included in the semester by semester plan.

Catalog:

1<sup>st</sup> Semester:

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
FIRE130	Firefighter 1	6	None
FIRE132	Intro to Emergency Services	3	None
FIRE134	Fire Prevention	3	None
FIRE135	Fire Safety and Survival	3	None
<b>Totals:</b>		<b>15</b>	

2<sup>nd</sup> Semester

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
FIRE 131	Firefighter 2	6	None
FIRE133	Fire Behavior and Combustion	3	None
FIRE 139	Tactics and Strategies	3	None
FIRE175	Fire Internship	3	None
<b>Totals:</b>		<b>15</b>	

3<sup>rd</sup> Semester

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
FIRE136	Building Construction for Fire	3	None
COMM101	Public Speaking	3	None
FIRE137	Fire Protection Systems	3	None
ENG101	English Composition I	3	ENG070 or placement
FIRE138	Fire Investigations	3	None
<b>Totals:</b>		<b>15</b>	



4<sup>th</sup> Semester

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
FIRE140	Hydraulics and Water	3	None
FIRE141	Fire Leadership	3	None
MATH110 or 112	Business Math or Intermediate Algebra	3	MATH061 or placement
POLS101	American National Government	3	ENG070 or placement
General Ed Elective	Ethics or General Sociology or General Psychology	3	ENG070 or placement
<b>Totals:</b>		<b>15</b>	

5<sup>th</sup> Semester

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
<b>Totals:</b>			

6<sup>th</sup> Semester

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
<b>Totals:</b>			



PUBLIC   
 INDEPENDENT

**PROGRAM CHANGE REQUEST FOR STAFF REVIEW**

Name of Institution:

State Fair Community College

- Title or CIP change
- Combination program created out of closely allied existing programs
- Add option to existing program
- Add certificate program (from approved existing parent degree or stand-alone) \*attach curriculum

Before the Proposed Change			After the Proposed Change		
Title of Old Program/Certificate	Degree	CIP Code	Title of New Program/Certificate	Degree	CIP Code
Click here to enter text.	Click here to enter text.	Click here to enter text.	Professional Certificate in Fire Science	C1	430203

Attach a copy of the "before and after" curriculum, as applicable

- Delete program
- Delete option
- Place program on inactive status

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Name of program/certificate/option      Degree type and CIP code      Date to delete or inactivate

- Change of address
- Closed location

Click here to enter text.

Enter address change or address of closed location

List sites where changes on this form should be applied (such as main campus, all off-site locations, etc.):

SFCC Sedalia campus; online

**AUTHORIZATION**

Darci McFail, Director of Institutional Accreditation	<i>Darci McFail</i>	3/29/2019
Name/Title of Institutional Officer	Signature	Date

Please save and email this form and supporting documents to: [he.academicprogramactions@dhe.mo.gov](mailto:he.academicprogramactions@dhe.mo.gov)

Course Subject	Course Number	Course Title	Credit Hours	Minimum Grade	General Education Requirement?
FIRE	130	Firefighter 1	6	C	No
FIRE	131	Firefighter 2	6	C	No
FIRE	133	Fire Behavior and Combustion	3	C	No
FIRE	132	Intro to Emergency Services	3	C	No
FIRE	134	Fire Prevention	3	C	No
FIRE	135	Fire Safety and Survival	3	C	No
FIRE	139	Tactics and Strategies	3	C	No
FIRE	175	Fire Internship	3	C	No
<b>Total</b>			30		

Developmental courses may or may not be included in the semester by semester plan.

Catalog:

**1<sup>st</sup> Semester:**

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
FIRE130	Firefighter 1	6	None
FIRE132	Intro to Emergency Services	3	None
FIRE134	Fire Prevention	3	None
FIRE135	Fire Safety and Survival	3	None
<b>Totals:</b>		<b>15</b>	

**2<sup>nd</sup> Semester**

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
FIRE 131	Firefighter 2	6	None
FIRE133	Fire Behavior and Combustion	3	None
FIRE 139	Tactics and Strategies	3	None
FIRE175	Fire Internship	3	None
<b>Totals:</b>		<b>15</b>	

**3<sup>rd</sup> Semester**

Course Number	Course Title	Credit Hours	Prerequisite Course(s)
<b>Totals:</b>			