

Fire Services Administration Certificate

The certificate in Fire Service Administration is offered as a step in the process of receiving an Associate in Arts degree in Fire Services Administration. Those firefighters who have attained state certification as a firefighter will be able to continue their education by completing the certificate requirements.

All six courses that lead to the certificate provide knowledge that can be utilized immediately by the firefighter and provide their fire department with an employee that has significant education in areas that will be of immediate use to the organization.

When ready and available, the student will be able to complete their AA degree in a timely fashion.

Suggested/Sample Course Sequence

The sequence taken by the student may vary depending on prerequisites, course availability, and personal/ professional responsibilities.

Prerequisite

Prior to admission into any FIRE degree course, the student must possess an International Fire Service Accreditation Congress certification as a firefighter or be an active member in a fire-related occupation.

(Major Code 6650; State CIP Code 43.0203)

- Fire Science (<http://www.jccc.edu/firescience>)

First Semester

FIRE 162	Firefighting Tactics*	3
FIRE 220	Fire Management*	3
FIRE 222	Fire Science Law*	3
Total Hours		9

Second Semester

FIRE 136	Fire and Emergency Management*	3
FIRE 152	Codes/Detection and Suppression Systems*	3
FIRE 201	Leadership in the Fire Service*	3
Total Hours		9

Total Program Hours: 18

Courses

FIRE 120 Fire Academy* (12 Hours)

Prerequisites: HPER 240 and department approval

This course provides cognitive, psychomotor and affective instruction for those students seeking certification as a fire fighter in the state of Kansas. The class covers hazardous materials (first responder; operations level), fire department communications, fire ground operations, rescue operations and prevention, preparedness and maintenance, and physical agility (CPAT). Upon successful completion of the cognitive examinations and all psychomotor skills evaluations, students will be allowed to sit for the Kansas Fire Fighter I and II state certification examinations, which are administered by the University of Kansas, Fire and Rescue Training Institute. 15 hrs. integrated lecture/lab/wk. This course is typically taught in the fall and spring semesters only.

FIRE 136 Fire and Emergency Management* (3 Hours)

Prerequisites: FIRE 110 or FIRE 120

Managing resources is a part of every incident. The ability to manage these resources is crucial in safely and effectively mitigating the incident. Organizations must have a system in place prior to the incident, which will facilitate the management of resources. Federal legislation mandates organizations, which respond to hazardous materials incidents, use an incident management system. This course provides information about incident management systems, as well as pursues issues wherein it needs to be utilized. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

FIRE 152 Codes/Detection and Suppression Systems* (3 Hours)

Prerequisites: FIRE 110 or FIRE 120

This course will provide a basis for students to become familiar with and utilize fire codes that are in use today. It will also provide students with basic knowledge of detection and suppression systems that are an ever increasing part of fire control today. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

FIRE 162 Firefighting Tactics* (3 Hours)

Prerequisites: FIRE 110 or FIRE 120

Strategy and tactics are essential competencies required to mitigate fires. This course is designed to prepare a fire officer to be able to provide tactics at a structure fire, fully utilizing available resources in a safe and efficient manner. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

FIRE 201 Leadership in the Fire Service* (3 Hours)

Prerequisites: FIRE 110 or FIRE 120

This is a course that will delve into leadership as defined and utilized in the fire service setting. It will review many types of leaders and the qualities that make them leaders. It will also provide students insight into the type of leaders they may see in the fire service as well as provide them with role models for their use as future fire service leaders. 3 hrs. lecture/wk. This course is typically taught in the spring semester.

FIRE 220 Fire Management* (3 Hours)

Prerequisites: FIRE 110 or FIRE 120

This course will involve the student in learning proper methods of supervision and the duties of a fire department first line manager. It will encompass supervisory techniques as well as various management theories. This course will assist the student in the application of techniques and the practical use of management theories in the role as a fire service manager. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

FIRE 222 Fire Science Law* (3 Hours)

Prerequisites: FIRE 110 or FIRE 120

The law as it pertains to the fire service will be explained, along with tort law and business law. 3 hrs. lecture/wk. This course is typically taught in the fall semester.

FIRE 291 Independent Study* (1-7 Hour)

Prerequisites: 2.0 GPA minimum and department approval

Independent study is a directed, structured learning experience offered as an extension of the regular curriculum. It is intended to allow individual students to broaden their comprehension of the principles of and competencies associated with the discipline or program. Its purpose is to supplement existing courses with individualized, in-depth learning experiences. Such learning experiences may be undertaken independent of the traditional classroom setting, but will be appropriately directed and supervised by regular instructional staff. Total contact hours vary based on the learning experience.