

# Fire Services Administration, A.A.

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The goal of the fire science program at Johnson County Community College is to provide comprehensive education and training, specifically designed to:

- Promote the academic and professional development of fire service personnel during their 1st five years of employment and provide education for advancement to company-level officers.
- Prepare those seeking employment with fire service agencies of Johnson County.

The program serves to provide higher academic education, technical training and lifelong learning for members of Johnson County fire-related organizations and those seeking employment in those organizations.

The fire science program at JCCC, in close cooperation with the Johnson County Fire Chiefs Association and the University of Kansas Fire and Rescue Training Institute, has developed a degree for advancement in the fire service and for further study toward the baccalaureate degree at a four-year institution, should you elect to pursue your education goals beyond the associate's level.

The program emphasizes general education in addition to technical education and is built around a core of fire science courses carefully selected by the members of the Fire Science Advisory Committee to prepare for your career growth. Technical electives may be pursued through courses available under a continuing cooperative agreement between area fire science programs or through other degree-granting institutions that are accredited by the International Fire Service Accreditation Congress. The transfer of credit from other institutions is governed by JCCC policy. You may fulfill technical education requirements through the advanced standing credit process.

JCCC also offers course work that will prepare you to take the Fire Fighter I and II certification examinations offered by the University of Kansas Fire and Rescue Training Institute.

Note: Mechanisms have been developed to compensate for the effect of students working 24-hour shifts.

Selective application. For more information, call 913-895-8405.

**Important:** Students graduating with an Administration of Justice degree must complete an approved cultural diversity course. Some of the approved courses are able to meet both the cultural diversity requirement and a general education requirement.

Cultural Diversity Course Requirement at JCCC (<http://catalog.jccc.edu/fall/degreecertificates/electives/cultural-diversity-courses-aa>)

## 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 2320; State CIP Code 43.0203)

## First Semester

ENGL 121	Composition I*	3
BUS 140	Principles of Supervision	3
MATH 171	College Algebra* (or higher)	3
FIRE 162	Firefighting Tactics*	3
Social Science Elective ^		3
Health and/or Physical Education Elective ^^		1
Total Hours		16

^ Social Science Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/social-sci-econ-aa>)

^^ Health and/or Physical Education Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/health-and-or-physical-ed-aa>)

## Second Semester

ENGL 122	Composition II*	3
BUS 141	Principles of Management	3
FIRE 136	Fire and Emergency Management*	3
Humanities Elective ^		3

Physical Science, with lab ^^	4
<b>Total Hours</b>	<b>16</b>

^ Humanities Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/humanities-aa>)

^^ Physical Science, with lab (<http://catalog.jccc.edu/fall/degreecertificates/electives/sci-and-math-aa>)

### Third Semester

Technical Electives (see below)	4
FIRE 220 Fire Management*	3
FIRE 222 Fire Science Law*	3
Oral Communication ^	3
Science and/or Math Elective ^^	3
<b>Total Hours</b>	<b>16</b>

^ Oral Communication (<http://catalog.jccc.edu/fall/degreecertificates/electives/communications-aa>)

^^ Science and/or Math Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/sci-and-math-aa>)

### Fourth Semester

Technical Electives (see below)	4
FIRE 201 Leadership in the Fire Service*	3
FIRE 152 Codes/Detection and Suppression Systems*	3
Humanities Elective ^	3
Social Science Elective ^^	3
<b>Total Hours</b>	<b>16</b>

^ Humanities Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/humanities-aa>)

^^ Social Science Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/social-sci-econ-aa>)

### Technical Electives

FIRE 120 Fire Academy*	12
EMS 128 EMS First Responder	5
EMS 131 Emergency Medical Technician*	10
EMS 220 MICT I*	10
EMS 225 MICT II*	10
CS 200 Concepts of Programming Algorithms Using C++*	4
CS 205 Concepts of Programming Algorithms using Java*	4
CS 210 Discrete Structures I*	3
CIS 162 Database Programming*	4
CIS 242 Introduction to System Design and Analysis*	3
BUS 120 Management Attitudes and Motivation	3
CIS 204 UNIX Scripting and Utilities*	3
BUS 121 Introduction to Business	3
BUS 145 Small Business Management	3
BUS 150 Business Communications*	3
BUS 225 Human Relations	3
BUS 243 Human Resource Management	3
BUS 261 Business Law I	3
MKT 230 Marketing	3
POLS 245 Introduction to Public Administration	3

**Total Program Hours: 64**