

# Fire Science, AAS

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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 employment and provide education for advancement to company-level officers.

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 the metro area.

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.

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. You may fulfill technical education requirements through the advanced standing credit process.

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

For more information, call 913-469-4405.

(Major Code 3210; State CIP Code 43.0203)

Fire Science Program web page (<http://www.jccc.edu/academics/credit/fire-science/>)

## First Semester

EMS 128	EMS First Responder	5
FIRE 111	Hazardous Materials Awareness and Operations*	4
FIRE 131	Firefighter I*	5
FIRE 141	Firefighter II*	3
Total Hours		17

## Second Semester

EMS 131	Emergency Medical Technician*	10
FIRE 136	Fire and Emergency Management	3
FIRE 162	Firefighting Tactics*	3
Total Hours		16

## Third Semester

FIRE 152	Codes/Detection and Suppression Systems	3
FIRE 201	Leadership in the Fire Service*	3
FIRE 220	Fire Management	3
FIRE 222	Fire Science Law	3
ENGL 121	Composition I*	3
MATH 116	Intermediate Algebra* (or higher)	3
Total Hours		18

## Fourth Semester

FIRE 126	Historical Foundations of the Fire Service	3
or FIRE 133	Fire Investigation	
Humanities Elective ^		3
Science and/or Math Elective ^		3
Social Science Elective ^		3
Total Hours		12

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^ See all AAS general education electives (<http://catalog.jccc.edu/degreerequirements/associate-arts/>)

**Total Program Hours: 63**