

FIRE AND OCCUPATIONAL SAFETY (FIR) (HEGIS 5507)

A balance of general, liberal arts, and technical courses are offered to those students who intend to enter the field of Fire and Occupational Safety for the first time as well as those currently employed in the field. This program is designed primarily for those students who anticipate transferring to a four-year institution to pursue the baccalaureate degree. This program leads to rewarding careers in municipal fire protection, investigation and inspection, governmental agencies, industry, insurance, transportation, and educational institutions.

Students are urged to consult their advisor, the faculty and the Counseling and Career Services staff about transfer opportunities early in their academic career at Dutchess.

An Associate in Science (A.S.) degree is awarded upon completion of the requirements for this program.

Courses should be selected in consultation with an advisor.

<u>Course No.</u>	<u>Descriptive Title</u>	<u>Cr. Hrs.</u>
<u>FIRST SEMESTER</u>		
ENG 101	Composition I	3
BHS 103	Social Problems in Today's World	3
MAT 184	Algebra and Trig for Precalculus	3
FIR 100	Fire Science Intro. Seminar	1
FIR 102	Fundamentals of Fire Protection	3
FIR 104	Fundamentals of Fire Prevention	<u>3</u>
	TOTAL	16
<u>SECOND SEMESTER</u>		
ENG 102	Composition II	3
CHE 121	General Chemistry I	4
FIR 110	Fire Behavior & Combustion	3
FIR 112	Occupational Health and Safety	3
FIR 114	Building Construction for Fire Protection	<u>3</u>
	TOTAL	16
<u>THIRD SEMESTER</u>		
HIS 121, HIS 104 or HIS 108		3
PHY 121	General Physics	4
FIR 204	Fire Protection Systems	3
FIR 222	Fire and Safety Admin.	3
LAS Elective (a)		<u>3</u>
	TOTAL	16
<u>FOURTH SEMESTER</u>		
WFE 101	Lifetime Wellness and Fitness	3
ART 150	Black and White Photography	3
FIR 212	Fire Protection Hydraulics and Water Supply	3
FIR 214	Legal Aspects in Fire and Safety	3
FIR 224	Strategy and Tactics, or FIR 226 Fire Investigation or FIR 228 Industrial Hygiene	3
LAS Elective		<u>3-4</u>
TOTAL		18-19
	TOTAL 66 CREDIT HOURS	

- a. Liberal Arts and Science electives only. The following courses are highly recommended for this program: SPE 101, PSY 205, PSY 134, GOV 222, ENG 217, ECO 121, CIS 108.

