EMERGENCY MEDICAL SERVICES

Overview

Fire Science is a cooperative program between Iḷisaġvik College and the North Slope Borough (NSB) Fire Department. The program prepares participants in Emergency Medical Services and Municipal Fire Control, and upon completion they will be eligible to apply for Alaska state certifications as an EMT II and as a State of Alaska Firefighter II. The program is operated in accord with the requirements of the 2013 National Fire Protection Agency (NFPA) Standards. Participants obtain classroom education, hands-on training and practical experience with the North Slope Borough Fire Department. The program is open to both paid and volunteer firepersons who are able to participate with the NSB Fire Department. Applicants must meet age, education and medical requirements of the NSB Fire Department. State Certifications in EMT II and Firefighter II are offered and apply to the Endorsement and Certificate Programs below.

Admission

Applicants who wish to apply for this program should first consult with the NSB Fire Department Captain of Operations, Taylor Elbert (taylor.elbert@north-slope.org), and then complete an application for admission to the program at Iḷisaġvik College.

Degree Outcomes

Upon successful completion of the Emergency Services Programs program graduates will:

- Have the requisite knowledge for the EMT and FIRE certifications
- Have the general knowledge and skills necessary to meet the requirements of the National Fire Protection Agency (NFPA) Standard 1001, Firefighter professional qualifications.
- Be able to write various reports as applicable and appropriate
- Demonstrate an understanding of the mission, organization and operating procedures of a municipal fire department.

Endorsement, Municipal Fire Control		
Course Requirements		**Credits**
EMS 103	ETT: First Responder	1
FIRE 101	Principles of Emerg. Services	3
FIRE 109	Basic Firefighter	1
FIRE 121	Fire Behavior & Combustion	3
	Total Credits:	**8**

CERTIFICATE, Municipal Fire Control		
Course Requirements		***Credits***
EMS 103	ETT: First Responder	1
FIRE 101	Principles of Emerg. Services	3
FIRE 105	Fire Prevention	3
FIRE 109	Basic Firefighter	1
FIRE 121	Fire Behavior & Combustion	3
FIRE 203	Haz. Materials Chemistry I	3
FIRE 131	Firefighter I	9
FIRE 138	Firefighter II	3
	Total Credits:	**26**

CERTIFICATE, EMERGENCY MEDICAL SERVICES		
Course Requirements		***Credits***
EMS 103	ETT: First Responder	1
EMS 170	EMT: Emerg. Medical Tech. I	6
EMS 230	EMT: Emerg. Medical Tech. II	3
FIRE 101	Principles of Emerg. Services	3
FIRE 105	Fire Prevention	3
FIRE 109	Basic Firefighter	1
FIRE 121	Fire Behavior & Combustion	3
FIRE 203	Haz. Materials Chemistry I	3
	Total Credits:	**23**

NOTES

INDUSTRIAL SAFETY

Overview

The purpose of this endorsement is to respond to needs of the employers we serve and to provide a Standardized approach to demonstrating that students have mastered the skills necessary to work safely on the North Slope. To be admitted into the program, a student must have earned a High School Diploma or GED. Additionally, a current First Aid/CPR and NSTC certificate is required, or, alternately, the student must have successfully completed the classes, taught by a certified provider, before completion of the program.

Degree Outcomes

Upon successful completion of the program, students will:

- Obtain Basic First Aid/CPR w AED and NSTC certifications required by most North Slope employers
- Master Basic First Aid/CPR and NSTC
- Know how to recognize and handle hazardous materials and situations at various job sites
- Meet federal and state mandated standards for hazardous materials and workplace safety
- Obtain OSHA, NSTC and other safety credential required by North Slope and other Industry employers
- Understand that safety is a "culture" serving as the foundation to safe operations in the workplace

(***Prerequisites: SAFE 106 and SAFE 123 must be must be taken either prior to or concurrently with coursework towards the endorsement.)***

ENDORSEMENT, INDUSTRIAL SAFETY LEVEL I		
Course Requirements		***Credits***
SAFE 110	40-Hour HAZWOPER	1
WFDI 114	30-Hr OSHA Maritime Stand.	1
WFDI 115	30-Hr OSHA Constr. Stand.	1
WFDI 116	30-Hr OSHA Gen. Ind. Stand	1
WFDI 117	OSHA-Appr. Dis.-Site Worker w/ICS 100, 200, NIMS 700	1
*Complete **ONE-THREE** credits:*		
CTT 101	Intro to Construction Skills	3
CTT 103	Introduction to Welding	1
CTT 104	Pipeline Insulation, Level I	3
CTT 105	Scaffolding, Level I	3
HEO 104	Intro to Heavy Equip Ops	2
HEO 105	CDL Written Test Preparation	1
HEO 108	Equip Specific Training	0.5-2
HEO 175	Op of Class B/CDL Vehicles	1
PMB 103	Pipefitting, Level I	3
WFD 103	Asbest. for Supervisors and Contractors	1
WFDM 102	Basic Maritime Safety	0.5
WFDM 103	Emerg Proced/On Board Drills	0.5
WFDM 104	Protected Species Observer (PSO/MMO)	0.5
WFDM 200	100 Ton and OUPV (6 Pack)	3-4
WFDM 201	Able Seaman	2
WFDU 102	Tank Farm Mgmt/Spill Resp	1
Any EMS or FIRE course		1-3
	Total Credits:	**6-8**

RECOMMENDED COMPLEMENTARY COURSES		
HEO 011	Forklift Operator Training	1.6 CEU
SAFE 122	Blood Borne Pathogens	0.4 CEU
SAFE 170	Confined Space	0.4 CEU

For a complete listing of Industrial Safety courses, check the Course Descriptions sections in this catalog under "Industrial Safety."