



SOLANO
COMMUNITY COLLEGE

Fire Technology (FIRE)

Student Education Plan – First Semester

First Name:	Last Name:
Solano Student ID#:	Major:
Educational Goal:	GE Option:

Course	Yes	No
FIRE 050		
EMT 128		
FIRE 053 or FIRE 054 or both		
FIRE 101		
Other (Please specify)		

Counselor Name (if known):	Date:
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For Counselor Use Only - Notes:

Course descriptions below

FIRE 050 – Principles of Emergency Services

An overview of fire protection; career opportunities in the fire service and related fields; history of fire service and fire protection; fire organization and management; function of public and private protection services; fire departments as part of local government; fire prevention and investigation; building construction; specific fire protection functions; fire and emergency service apparatus and facilities; and introduction to fire protection systems. This is a Fire Technology core course and must be completed with a minimum grade of C in order to receive an Associate Degree or Certificate of Achievement in Fire Technology.

FIRE 050 is a prerequisite for FIRE 140 – Fire Technology Academy

EMT 128 – Emergency Medical Responder

Provides the student with the basic emergency care procedures for sick and injured victims as a first responder including but not limited to: cuts, abrasions, broken bones, trauma injuries, burns and respiratory/cardiovascular emergencies.

EMT 128 is a prerequisite for EMT 112 - Emergency Medical Technician (Basic) and FIRE 140 – Fire Technology Academy

FIRE 053 – Fire Prevention Applications

Fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau. It will also discuss the use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention to fire safety education and detection and suppression systems. This is a Fire Technology core course and must be completed with a minimum grade of C in order to receive an Associate Degree or Certificate of Achievement in Fire Technology.

FIRE 054 – Fire Protection Systems

Provides information relating to the features of design and operation of fire detection and alarm systems and heat and smoke control systems. It will discuss special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers. This is a Fire Technology core course and must be completed with a minimum grade of C in order to receive an Associate Degree or Certificate of Achievement in Fire Technology.

FIRE 101 – Principles of Fire and Emergency Services Safety and Survival

Introduction to basic principles and history related to the firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services.

FIRE 101 is a prerequisite for FIRE 140 – Fire Technology Academy