

Fire Technology Academy
AATECH Course Descriptions

Computer Applications CSIT 120 (*Prerequisite for all AATECH courses*): Hands-on experience with microcomputers and microcomputer applications featuring the use of Windows, word processing, spreadsheet, database, and presentation graphics software.

Graphic Design ARTD 100: Design principles as they apply to graphic communication. Abstract and pictorial design for the printed media. Film and architectural signage. Lettering is applied as an abstract design element.

Business Management BMGT 105: Analysis of personal qualifications, forms of ownership, sources of information, financing, planning, legal problems, record keeping, advertising, insurance, sales promotions, credit, public relations, and current aids to successful management.

Fire Technology I (*Requires concurrent enrollment in FIRE 100, FIRE 51, and FIRE 98*)

Fire Protection Organization FIRE 100: Provides an introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; introduction to fire strategy and tactics.

Fire Academy Preparation FIRE 51 (*Year one of a two-year course.*): This course prepares individuals for the demanding requirements of the Fire Academy. It will also prepare students for the Physical Ability test that is required to pass the North County Regional Fire Test. It breaks the test down into components, so that the student can more skillfully pass the exam. There will be time spent on application preparation and interview skills.

Fire Service Skills FIRE 98 (*Year one of a two-year course.*): This course covers fire service basic topics in the classroom for review and manipulative training for skills maintenance. All subjects will have to do with the duties and responsibilities of the fire services in order to maintain a state of readiness. (*Includes 5 PE credits at the completion of the 44-week course.*)

Fire Technology II (*Requires concurrent enrollment in EME 100, FIRE 51, and FIRE 98*)

Advanced First Aid EME 100: The study and application of emergency medical skills and procedures, including basic anatomy and physiology, terminology, and prevention of disease transmission, for CPR certification from the American Heart Association.

Fire Academy Preparation FIRE 51 (*Year two of a two-year course.*): This course is a continuation of the course listed above.

Fire Service Skills FIRE 98 (*Year two of a two-year course.*): This course is a continuation of the course listed above. (*Includes 5 PE credits at the completion of the 44-week course.*)