

FIRE SCIENCE
College Credit and Careers Network
Dual Credit Articulation Agreement

Upon completion of high school courses equivalent to the following competencies:

- Health and Physical Fitness
 - Course introduces the importance of physical fitness as it relates to the emergency services profession.
- Higher education, career planning, recruitment and testing process
 - Discusses the need for higher education preparation in relation to a career in the fire service.
- Origins and evolution of modern American Fire Service
 - Provides an understanding of the origins and evolution of the American fire service.
- Basics of fire chemistry and physics
 - Overview of basic fire chemistry principles.
- Public and Private Support Organizations
 - Introduction to organizations that provide support functions for fire department operations.
- Fire Department Resources
 - Provides lists and discusses common fire services facilities and equipment use in the American fire service.
- Fire Department Administration
 - Provides lists and describes common principles of administration and command.
- Organizational Support Functions
 - Provides student with basic information regarding structure and functions of fire department support organizations.
- Fire Service Training
 - Addresses the training functions and organization of training operations in the fire service.
- Records and Reports
 - Provides an overview of the National Fire Incentives Reporting System.
- Fire Prevention Codes and Ordinances
 - Addresses the basic concepts of fire prevention, code ordinance and enforcement.
- Overview of Fire Protection Systems
 - Provides an overview of fixed and portable fire protection systems in North America.
- Emergency Incident Management
 - Provides an overview of concepts and principles of emergency incident management.
- At the end of this course, students will be able to
 - Articulate the importance of lifelong physical fitness and participate in and write a personal physical fitness program.
 - Develop a resume and career development plan.
 - Write a five page paper discussing historical and cultural aspects of the fire service in America.
 - Articulate the basics of fire behavior in written and verbal forms of communication.
 - When given a set of words, define (verbally and written) basic fire nomenclature.
 - By passing a written test, know basic fire department organization and how it interfaces with state and local governments.
 - Articulate the importance of organization and structure in emergency operations.
 - Describe a typical training organization in the fire service for small, medium and large departments.

A student earning a “B” or better may earn college credit at the following college:

<u>College</u>	<u>Course</u>	<u>Credits</u>
Bellevue Community College	FS 110	3