

# Minnesota

## Articulated College Credit Agreement

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### Articulated College Credit Agreement

Through Articulated College Credit (ACC), specific college curriculum learning outcomes and assessments are embedded in participating high school career and technical education (CTE) programs as specified in this agreement. Relevant knowledge, skills, and standards are taught by qualified CTE high school instructor(s) in one or more high school courses. ACC is awarded if the student meets the college equivalency standards and later enrolls in the college(s) listed below requiring the course in a specific program.

**Agreement Name** **Fire & Emergency Services**

**Agreement Reviewed/Updated** **2024 - 2025**

**These credits are valid for students in grades 10-12 for 2 years from the completion of this course.**

Colleges	College Courses	College Programs	Articulated College Credit
Hennepin Technical College	FRRT 1137 – Introduction to Fire and Emergency Services	*Fire Science (A.A.S. – 60 cr.) *Professional Firefighter (Diploma – 47 cr.) *Professional Emergency Manager (Diploma – 41 cr.) *Dispatching Concepts (Occ. Cert. – 16 cr.)	3 required credit of 3 total required credits
		*Emergency Management (A.A.S. – 60 cr.) *Fire Rescue (A.A.S. – 60 cr.) *Emergency Management Principles (Occ. Cert. – 16 cr.) *Initial Firefighter (Occ. Cert. – 16 cr.)	3 technical elective credit of 3 technical elective credits

### Course Description

This course provides a broad overview of fire protection and emergency services. Topics include career opportunities in fire protection and related fields, culture and history of emergency services, 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 equipment; specific fire protection functions; basic fire chemistry and physics, fire protection systems; introduction to fire strategy and tactics, and life safety initiatives.

## Curriculum Learning Outcomes

To receive credit, students will master 100% of the content learning outcomes. High school course(s) will be taught by qualified CTE high school instructor(s).

The following outcomes will be addressed in the course:

- Illustrate the history and culture of the fire service
- Analyze the basic components of fire as a chemical chain reaction, as well as the major phases of fire
- Examine the main factors that influence fire spread and fire behavior
- List the major organizations that provide emergency response service, and how they interrelate
- Explain the scope, purpose, and organizational structure of fire and emergency services
- Differentiate between fire service training and education
- Explain the value of higher education to the professionalization of the fire service
- Define the role of national, state, and local support organizations in fire and emergency services
- Describe the common types of fire and emergency service facilities, equipment, and apparatus
- Compare and contrast effective management concepts for various emergency situations
- Identify fire protection and emergency-service careers in both the public and private sector
- Explain the primary responsibilities of fire prevention personnel, including code enforcement, public information, and public and private protection systems
- Develop the components of career preparation and goal setting
- Demonstrate the importance of wellness and fitness as it relates to emergency services

## Course Assessments

Students must achieve an **80% B or better** to receive Articulated College Credit.

### Recommended Industry-Recognized Certificate Or Comprehensive Assessment – College & High School

Assessment/Certification	Vendor	Other Information
To be determined		