

# Fire & Rescue Cadet



at the Frederick County Career & Technology Center

## Career Options:

With a 4 year college degree: Fire Protection Engineer

With a 2 year college/technical school or Military training: Paramedic, Firefighter/Paramedic, Respiratory Therapist, Fire Investigator, Fire Inspector, Plans Reviewer

Direct entry into the workforce: Firefighter/EMT, Emergency Communications Dispatcher, Public Fire Safety Educator, Hazardous Waste Cleanup Worker

**Overview:** The Fire & Rescue Cadet program provides students with five of the certifications necessary to pursue a career in the Fire and Rescue career field. The program is sponsored by the Frederick County Volunteer Fire & Rescue Services and all courses are taught by Maryland Fire and Rescue Institute (MFRI) certified instructors. Coursework includes classroom instruction, lab activities and placements at Fire & Rescue stations throughout the county. Students must be committed to the program as failing any MFRI unit test precludes the student from continuing on to additional unit tests or final certifications. Students must be 16 years of age and belong to a fire company by the first day of class.

## Value Added:

- ❖ Emergency Care Basic EMT-B certification
- ❖ HAZMAT certification
- ❖ Rescue Technician
- ❖ Firefighter 1 Certification
- ❖ Firefighter 2 certification
- ❖ credits at Frederick Community College
- ❖ 11 credit hours at any college that offers a fire science degree

**Application Process:** Current 10<sup>th</sup> or 11<sup>th</sup> grade students should schedule a shadow visit through their home school counselor. Shadowing allows students to determine if the Fire & Rescue Cadet program is appropriate for their career goals. Students will receive an application to complete, which must also be signed by their guidance counselor and a parent/guardian. In addition to interest and aptitude, applicant's attendance and GPA are considered in the acceptance process.

## For additional information:

Log on to [www.careertech.net/fire\\_rescue.htm](http://www.careertech.net/fire_rescue.htm)

Contact the assistant principal at 240-236-8476

# Program:     **Fire & Rescue Cadet**

Post-Secondary Education: 4 year college degree

## Careers:

This sample high school schedule prepares students to pursue a four year college degree in the Fire & Rescue field.

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Geometry	Algebra 2	Pre Calculus -or- Advanced Algebra w/Trig	AP Calculus I
Intro Chem/Physics Honors –or- Algebra Based Physics	Biology Honors	Physics	AP Physics
Government	Modern World History	American Studies 2	Elective
Physical Education/Health	Fine Art elective	<b>Fire/Rescue Cadet Program I (533451)</b>  11 <sup>th</sup> or 12 <sup>th</sup> grade	Elective
Technology Education Credit	Elective		Elective
Foreign Language	Foreign Language		Elective
Elective	Elective		Elective

### Color Key

	Elective Courses
	Required Courses for Graduation
	CTE Completer Courses



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# Program:     **Fire & Rescue Cadet**

Post-Secondary Education: 2 year technical school/AA degree or military training

Careers:

This sample high school schedule prepares students to continue their Fire & Rescue training at a two year technical school, community college, or in the military

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Algebra I	Geometry	Algebra 2	Math Elective
Intro Chem/Physics Honors or Merit	Biology Honors or Merit	Physics elective	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	<b>Fire/Rescue Cadet Program I (533451)</b>	Elective
Technology Education Credit	Elective		Elective
Foreign Language	Foreign Language		Elective
Elective	Elective		Elective

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# Program:     **Fire & Rescue Cadet**

Post-Secondary Education: none required

Careers:

This sample high school schedule prepares students to enter directly into the workforce in the fire & rescue field.

<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
English 9 Honors or Merit	English 10 Honors or Merit	English 11 Honors or Merit	AP English or English 12 Merit
Algebra IA	Geometry	Applied Algebra/Geometry	Contemporary Math
Intro Chem/Physics	Biology	Environmental Science	Work study or Elective
Government	Modern World History	American Studies 2	Work study or Elective
Physical Education/Health	Fine Art elective	<b>Fire/Rescue Cadet Program I (533451)</b>	Elective
Algebra IB	Technology Education Credit		Elective
Elective	Elective	<b>11<sup>th</sup> or 12<sup>th</sup> grade</b>	Elective
Elective	Elective		Elective

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