



# FIRE SCIENCE

## - Program of Study -

**Career Cluster:** Law, Public Safety, Corrections and Security **Career Pathway:** Emergency and Fire Management Services

This Academic Plan is based upon the state requirements needed for an Advanced Diploma. Academic course names may vary among school districts.

Grade	1 <sup>st</sup> Course	2 <sup>nd</sup> Course	3 <sup>rd</sup> Course	4 <sup>th</sup> Course	5 <sup>th</sup> Course	6 <sup>th</sup> Course (CTE)
9 <sup>th</sup> Grade	English I	Algebra I	Biology	Health / Computer Literacy	Physical Education	Elective <sup>1</sup>
10 <sup>th</sup> Grade	English II	Geometry	Chemistry or Geoscience	World History	Physical Education	Fire Science I
11 <sup>th</sup> Grade	English III	Algebra II	Science Course or Elective <sup>1</sup>	US History	Foreign Language <sup>2</sup> or Elective <sup>1</sup>	Fire Science II
12 <sup>th</sup> Grade	English IV	Senior Level Math Course	Elective <sup>1</sup>	US Government	Foreign Language <sup>2</sup> or Elective <sup>1</sup>	Entry Level Firefighting <sup>3</sup>

<sup>1</sup> Electives may include arts and humanities courses or other career and technical education courses that relate to the program of study.

<sup>2</sup> Foreign Language courses are recommended if a student is planning on entering a university. (See individual university admission policies)

<sup>3</sup> CTE Assessments will be administered during the completion level CTE course.

Career and Technical Student Organizations	Work-Based Learning	CTE Assessments
hosa: future health professionals / SkillsUSA	Job Shadowing / Internship / Work Experience / Career Days / Career Fairs / Field Trips / Guest Speakers	1) End of Program Technical Assessment for Fire Science 2) Workplace Readiness Skills Assessment (for Employability Skills Standards)

Postsecondary Options	State Articulation Agreements for CTE College Credit						
College of Southern Nevada / Great Basin College / Nevada State College / Truckee Meadows Community College / University of Nevada, Las Vegas / University of Nevada, Reno / Western Nevada College	<p><b>Secondary Program Requirements</b> Student must earn the state Certificate of Skill Attainment in Fire Science.</p> <p><b>Postsecondary Credit Options</b></p> <table border="0"> <tr> <td>College of Southern Nevada</td> <td>9 Credits</td> <td>Truckee Meadows Community College</td> <td>9 Credits</td> </tr> </table>			College of Southern Nevada	9 Credits	Truckee Meadows Community College	9 Credits
College of Southern Nevada	9 Credits	Truckee Meadows Community College	9 Credits				

High Wage - High Skill - High Demand Careers	State Recognized Industry Certifications
Emergency Planning Manager / First Responder / Fire Fighter / Forest Fire Fighter / Fire Protection Engineer / Fire Inspector / Infrastructure Analyst Specialist / Rescue Worker / Program Specialist / Dispatcher / Training Officer / Forensic Technician / Bomb Technician / Hazardous Material Responder	Refer to the Governor's Office of Workforce Innovation's <a href="#">Nevada Eligible Industry Credentialing List</a>