

**CERTIFICATE OF ACHIEVEMENT**

The Certificate of Achievement in Fire Science Technology, Fire Investigation is designed for the career fire, law enforcement or insurance specialist to attain the knowledge skills and abilities to process and prevent the crime of arson. Curriculum includes course work in criminal law, crime scene photography, fire cause and determination and arson. The course material is designed to meet key prerequisite knowledge under the NFPA 1033 Standard outlining Professional Qualifications for Fire Investigators. Seminar material and certification is available from the International Association of Arson Investigators. Certain aspects of the course work meet the requirements for credit with Nevada P.O.S.T.

Students should be advised that most arson careers are internal promotions within fire or law enforcement organizations, although employment opportunities do exist in private industry.

**STUDENT LEARNING OUTCOMES - *Graduates of this program will have the opportunity to:***

- Define Fire and demonstrate how to properly document a fire scene.
- Explain the fire tetrahedron and the fire behavior in specific conditions of environment and/or ignitable liquids.
- Determine whether a fire is accidental or incendiary (arson), which degree of arson is representative for all four degrees of arson, and which method of search is best for the fire scene that presents itself.
- Understand and explain a landmark court decision that pertains to fire investigations and scene searches.
- Student will demonstrate preparation to secure the Nevada State Fire Marshall's Fire Investigation Certificate as outlined by NFPA.

**GENERAL EDUCATION REQUIREMENTS (3 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> ENG 107	3	_____

**SPECIAL PROGRAM REQUIREMENTS (27 Credits):**

	CR	SEMESTER
<b>CRJ 161B</b> Crime Scene Investigation	3	_____
<b>CRJ 162</b> Investigative Photography I	3	_____
<b>CRJ 164</b> Introduction to Criminal Investigation	3	_____
<b>CRJ 233</b> Nevada Criminal Law	3	_____
<b>CRJ 270</b> Introduction to Criminology	3	_____
<b>FT 126</b> Fire Cause Determination	3	_____
<b>FT 226</b> Fire/Arson Investigation	3	_____
<b>FT 230</b> Fire Chemistry	3	_____

**Plus 3 credits from the following:**

<b>FT 227</b> Arson for Profit	3	_____
<b>FT 229</b> Special Topics Prevention/Investigation	3	_____

Computation included in CRJ 164  
Human Relations included in CRJ 270

**30**  
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.