What can you do with a major in Fire Science?

Campus(s) program is offered: online

What are the most likely job titles one can expect to qualify for once completely this program?
- Firefighters
- Investigators
- Instructors
- Inspectors (Public and private sectors)

What do students express as the thing they enjoy the most about this program?
Since the program is offered in an entirely online format, it gives them the flexibility to complete assignments when it fits in to their schedule. The Fire Science Program enhances their career opportunities and for those who already are a member of a fire department expands their job knowledge and increases their chances for advancement or promotion.

What is the least?
Because of the online format, some students would prefer the classroom interaction.

What are some typical misconceptions about this program of study?
The purpose of the program is to prepare fire service personnel at all levels to become better officers and leaders. The program provides learning opportunities which introduce, develop and reinforce academic and occupational knowledge, skills and attitudes required to maintain job retention and advancement. The program trains them to be a leader; does not provide training in hands-on firefighting instruction.

What are some essential skills a student needs to have in order to be successful in this program?
- Physically fit
- Courageous
- Dependable
- Calmness in high-stress situations
- Mentally alert/quick reflexes
- Make quick critical decisions
- Strong sense of responsibility
- Sharp vision (including colors)
- Clear communication
- Ability to follow detailed directions
- Strong interpersonal skills/teamwork

What are typical skills and abilities that a student gains once he/she has completed this program?
- Basic first aid, CPR, incident command, fire behavior and rescue
- Fire prevention methodology
- Fire detection systems
- Fire codes
- Fire investigation
• Rescue
• Safety and salvage procedures
• Hazardous materials
• Fire behavior and extinguishment

Typical work activities/occupational functions:
Fire suppression, fire education, fire inspections, and arson investigations. Graduates of this program can be of any rank from firefighters to chief officers.

What additional training would you recommend for a student who wants to go to the next level in this field? Obtain Bachelor’s degree

Do any of the occupational courses transfer easily?
Yes, a new collaborative agreement between Albany State University and our college means that all students can apply all credits earned in CTC’s Associate of Applied Science degree in Fire Science Technology to a bachelor degree in Fire Services Administration at Albany State University; the bachelor degree program is offered online.

What are some common limitations, if any, in this program that students face?
Lack of classroom interaction with the other students and the instructor.

Are there any exams/certifications that a student needs to take after completing the courses? Are these exams/certifications offered on campus? No

Possible employment settings:
Local, state or federal government agencies
Universities
Private corporations
Non-Profit organizations
Environmental Consulting Firms
Testing laboratories
Waste management and remediation services

Names of employers:
Any local or city fire department throughout the United States. Other jobs in the private industry that need fire investigators, fire education specialists, fire training officers, and fire suppression specialists.

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Chattahoochee Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees. Inquires related to the college’s accreditation by the Commission may be directed to SACSCOC, 1866 Southern Lane, Decatur, Georgia 30033-4097 or telephone 404-679-4500. Questions related to admissions and the policies, programs, and practices of Chattahoochee Technical College should be directed to the College.