

Undergraduate Fire Protection Engineering Internship (Associate in Engineering - Levels I - IV)

6 days ago

Job ID 2023-5008 **# of Openings** 1 **Category** Student Programs **Type** Full-Time **Location** Mercury, Nevada

Overview

Mission Support and Test Services, LLC (MSTS) manages and operates the Nevada National Security Site (NNSS) for the U.S. National Nuclear Security Administration (NNSA). Our MISSION is to help ensure the security of the United States and its allies by providing high-hazard experimentation and incident response capabilities through operations, engineering, education, field, and integration services and by acting as environmental stewards to the Site's Cold War legacy. Our VISION is to be the user site of choice for large-scale, high-hazard, national security experimentation, with premier facilities and capabilities below ground, on the ground, and in the air. (See NNSS.gov for our unique capabilities.) Our 2,750+ professional, craft, and support employees are called upon to innovate, collaborate, and deliver on some of the more difficult nuclear security challenges facing the world today. In this environment, the best ideas need to be voiced and every opinion matters. As such, MSTS places great value on Diversity, Equity, and Inclusion and is committed to a diverse and equitable workforce, with an inclusive culture that values and celebrates the diversity of our people, talents, ideas, and perspectives.

- MSTS offers our regular, full-time employees highly competitive salaries and benefits packages including medical, dental, and vision; both a pension and a 401k; paid time off and 96 hours of paid holidays; relocation (if located more than 75 miles from work location); tuition assistance and reimbursement; and more.
- MSTS is a limited liability company consisting of Honeywell International Inc. (Honeywell), Jacobs Engineering Group Inc. (Jacobs), and HII Nuclear Inc.

NNSS COVID-19 attestation requirements:

<https://www.nnss.gov/pages/nfo/WorkingForMSTS.html>

Responsibilities

THIS IS A CASUAL POSITION WORKING A MAXIMUM OF 900 HOURS PER CALENDAR YEAR.

MSTS is looking for a Fire Protection Engineer Intern to support Stockpile Experimentation and Operations Fire Protection Engineering (SEO FPE). SEO FPE provides fire protection engineering support for nuclear and high hazard facilities at the Nevada National Security Site. The Undergraduate Fire Protection Engineer Intern will work under the direct supervision of a manager & mentor and will be provided with hands-on participation in ongoing projects at one of the most unique experimental sites in the United States.

Duties and Responsibilities:

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- Participate in engineering design reviews.
- Perform walkdowns of fire protection systems and equipment.
- Support development of Fire Hazard Analyses, Fire Protection Assessments, and Fire Risk Assessments.
- Support compliance with life safety and fire codes.

Managed and operated by Mission Support and Test Services, LLC for the Department of Energy's National Nuclear Security Administration.

Please note these important dates for our 2023 Summer Internship Program:

- **September 2022** - Application process opens
- **October 2022 - April 2023** - Candidates reviewed, interviews completed, offers extended
- **May 23rd, 2023** - Summer internship Student Program begins
- **August 11th, 2023** - Summer internship Student Program concludes

Qualifications

Due to the nature of our work, US Citizenship is required for all positions.

- Completion of first year Bachelor's degree in an engineering program accredited by the Accreditation Board for Engineering and Technology (ABET) for Fire Protection Engineering degree.
- or Completion of first year in a Calculus-based STEM bachelor's degree in engineering.
- Must be actively enrolled in school.
- Must have and maintain a 3.0 cumulative grade point average. (upload of current transcripts required)
- Must have:
 - Planning/organizing skills and initiative
 - Good written and verbal communication skills
 - Basic knowledge of engineering equipment, software, systems, calculations, and applications of engineering methods.
 - Have self-motivating attitude and is open to exploring all areas of engineering.
 - Ability to follow directions, both written and verbal, and able to work independently as well as part of a team
- Strong computer skills are desired, including MS Office and computer programming.
- A pre-placement drug screen, is required. MSTS maintains a substance abuse policy that includes random drug testing.
- Must have a valid driver's license.

Ability to obtain a HSPD-12 Personal Identity Verification credential under the Department of Energy Order 206.2, '*Identity, Credential, and Access Management*,' and Supplemental Directive NNSA SD 206.2, '*Implementation of Personal Identity Verification for Uncleared Contractors*.'

MSTS is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status or other characteristics protected by law. MSTS is a background screening, drug-free workplace.

Hourly range for this position is \$15.00/hr - \$26.38/hr.

Starting salary is determined based on the position market value, the individual candidate education and experience and internal equity.

Options

[Apply for this job online](#)

