# Student Trainee (Engineering)

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**

John Glenn Research Center at Lewis Field

<table>
<thead>
<tr>
<th><strong>Open &amp; closing dates</strong></th>
<th><strong>Service</strong></th>
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<tr>
<td>05/13/2020 to 05/27/2020</td>
<td>Exempted</td>
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<table>
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<tr>
<th><strong>Pay scale &amp; grade</strong></th>
<th><strong>Salary</strong></th>
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<tbody>
<tr>
<td>GS 7 - 11</td>
<td>$48,488 to $66,697 per year</td>
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<tr>
<th><strong>Appointment type</strong></th>
<th><strong>Work schedule</strong></th>
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<tbody>
<tr>
<td>Internships</td>
<td>Multiple Schedules</td>
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## Locations

1 vacancy in the following location:

- Cleveland, OH
  1 vacancy

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<tr>
<th><strong>Relocation expenses reimbursed</strong></th>
<th><strong>Telework eligible</strong></th>
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<tbody>
<tr>
<td>No</td>
<td>No</td>
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## This job is open to

**Students**

Current students enrolled in accredited educational institutions from high school to graduate level. Includes internships, pathways and other student programs.

## Clarification from the agency

Individuals who are enrolled students or accepted for enrollment on at least a half-time basis in accredited institutions

**Announcement number**

GR20I0016

**Control number**

568109000
Duties

Summary
This position is in the NASA’s Pathways Intern Program which provides students with the opportunity to explore NASA careers and gain meaningful work experience. This position is in the Low-Gravity Exploration Technology Branch located in the Propulsion Division of the Research and Engineering Directorate at the NASA Glenn Research Center (GRC). The Branch conducts research in low-gravity combustion phenomena to support spacecraft fire safety and fundamental combustion research.

Responsibilities
• Your typical responsibilities in the Low Gravity Exploration Technology Branch may include:
• Tasks in the area of fundamental microgravity combustion to conduct research related to improved fuel efficiency for terrestrial systems.
• Low-gravity study of the transport and combustion processes that occur in supercritical conditions in engines.
• Tasks in the area of microgravity combustion/spacecraft fire safety to conduct research related to ensuring the safety of current and future spacecraft.
• Conduct ground-based laboratory testing or computer modeling in support of space flight experiments on the International Space Station or suborbital spacecraft.

Travel Required
Occasional travel - Travel may be required for training or other work-related duties

Supervisory status  Promotion Potential
No  11

Job family (Series)
0899 Engineering And Architecture Student Trainee
(https://www.usajobs.gov//Search/?j=0899)

Requirements

Conditions Of Employment
• You must be a U. S. citizen or national.
• Enrolled/accepted in an accredited educational institution.
• Pursuing a master’s degree or PhD.
• Maintain enrollment at least half time as defined by the institution.
• Have and maintain a cumulative GPA of at least 2.9 on a 4.0 scale
• You will be required to undergo a pre-employment background investigation.
• You will be required to sign a Pathways Participant Agreement.
• Available to work at least 640 hours prior to completion of degree.
• The position is expected to start no later than December 7, 2020. The selecting official would like the student to begin as soon as possible but no later than December 7, 2020.
• You must have at least one calendar year remaining prior to graduation by the start date of your appointment. Indicate an expected completion date if you were selected for this position.
• Candidates who indicate an expected completion date less than one calendar year from their available start date will be found ineligible. The answers you provide in the NASA Supplemental Questionnaire will be used to make this determination.
• You must meet eligibility requirements by the closing date of the announcement.

Qualifications
The starting GS grade level you qualify for is based on education. You will be considered for the highest grade for which you qualify.

**GS-7:** Accepted into a master's program OR in the first year of a master's degree program.

**GS-9:** Completed one academic year of a master's program OR accepted into a doctorate program OR in the first year of a doctorate program.

**GS-11:** Completed one year of doctorate-level study.

**Education**

The following majors are required: Aerospace Engineering or Mechanical Engineering.

To be eligible for this position, you must be pursuing a degree in engineering, physical science, or safety science at an accredited educational institution. **Degrees in engineering technology are not qualifying for this position.** Engineering degrees must be from a college or university school of engineering with at least one curriculum accredited by the Accreditation Board for Engineering and Technology (ABET) as a professional engineering curriculum. To find out if a degree meets this requirement, go to http://www.abet.org

**Additional information**

Interns may be promoted to higher grades based on the amount of education completed and acceptable performance. However, promotions are not guaranteed.

You will be expected to comply with Center Pathway policies located at: https://nasa.gov/careers

Interns may work schedules not to exceed 1,040 hours per year (part-time or full-time on an intermittent basis). The supervisor and Intern will agree on a formally-arranged schedule of school and work rotations. A rotation is a defined period of work or school study, usually a semester, a summer, or a quarter in length.

Although this vacancy announcement is advertised for multiple grade levels, it is not intended to convey any implication nor expectation that positions will be filled at all grade levels.

This vacancy announcement may be used to fill additional positions within 90 days of the closing date of the announcement.

You will serve a trial period for the duration of the Intern appointment.

Interns may be considered for conversion to a term or permanent appointment within 120 days of completing degree requirements provided they:

- Successfully complete an academic course of study with a grade point average (GPA) of at least 2.9 (on a 4.0 scale);
- Complete a minimum of 640 hours of work experience before completing degree requirements;
- Meet the qualification requirements for the position to which they are converted; and
- Maintain acceptable performance.

**Eligibility for conversion does not guarantee that NASA will offer conversion.** At NASA, term appointments last from one to six years. If an Intern is converted to a term appointment, they may later be converted to a permanent appointment without competing.

The Intern may be converted to an Aerospace Engineer position with full performance level GS-13 level.

**How You Will Be Evaluated**

We will review your resume and your answers to NASA-specific questions to ensure that you meet eligibility requirements and minimum qualifications. Your answers to the NASA-specific questions supplement your resume. Please be sure that your answers and your resume are accurate, as NASA is not authorized to alter them. If the information in your resume differs from your answers to the questions, we will use your answers to the questions to determine your eligibility and/or qualifications for this position.

Veterans' preference applies in the hiring process. In order to receive preference in hiring, you must clearly identify your claim for veterans’ preference when you apply. Veteran's preference will only be granted based on what is supported by the documentation you provide. For more information about Veterans’ Preference, please visit this link [http://www.fedshirevets.gov/job/vetpref/index.aspx].
Security clearance
Not Required
[https://www.usajobs.gov//Help/faq/job-announcement/security-clearances/]

Drug test required
No

Required Documents

NASA's application process has been specifically developed to ensure that we only ask you for the information we absolutely need to evaluate your qualifications and eligibility. In order to apply for this position, you only need to submit your resume and answer a short series of NASA-specific questions. No additional documentation is accepted at the time of application. Nothing further is required until requested by the human resources office. At that point, we may ask you to submit documentation to support statements made in your resume and your answers to the NASA-specific questions. For example, we will ask you to provide academic transcripts. If you are claiming veterans' preference, we will ask you to submit proof of veterans' preference (DD214, and, if claiming 10-point preference, SF-15 plus the proof required by that form). If you fail to provide the requested documents within the stated time period, we may withdraw the job offer and/or remove you from further consideration.

If you are relying on your education to meet qualification requirements:

Education must be accredited by an accrediting institution recognized by the U.S. Department of Education in order for it to be credited towards qualifications. Therefore, provide only the attendance and/or degrees from schools accredited by accrediting institutions recognized by the U.S. Department of Education.[https://www.ed.gov/admins/finaid/accred/]

If you fail to provide all of the required information as stated in this vacancy announcement may result in an ineligible rating or may affect the overall rating.

Benefits

A career with the U.S. Government provides employees with a comprehensive benefits package. As a federal employee, you and your family will have access to a range of benefits that are designed to make your federal career very rewarding.

- Benefits for federal employees
[https://www.usa.gov/benefits-for-federal-employees#item-36407]
- Healthcare insurance
[https://www.opm.gov/healthcare-insurance/]
- Pay and leave
[https://www.usajobs.gov/Help/working-in-government/pay-and-leave/]

https://www.nasa.gov/careers/benefits

Eligibility for benefits depends on the type of position you hold and whether your position is full-time, part-time, or intermittent. Contact the hiring agency for more information on the specific benefits offered.

How to Apply

Before you begin the application process, please read this vacancy announcement carefully and have all required information available. We encourage you to provide a complete description of your educational achievements and include both paid and non-paid work in the experience portion of your resume. If you submit a resume that does not contain the required information, you may lose consideration. Your application must be received no later than midnight Eastern Time on the closing date of the announcement.

To begin the application process, click on the 'Apply' link. In order to be considered, you must submit a resume completed on the USAJOBS site. When completing your USAJOBS resume, please remember that NASA limits resumes to 32,000 characters, including spaces. You will NOT be allowed to complete the application process if your resume is too long or if your resume was uploaded to USAJOBS from another source. Also, NASA does not accept documents attached through USAJOBS’ document attachment feature.

Once you submit your resume, you will be transferred to a NASA website to complete a short series of questions. You must finish the
entire process in order to have a complete application. Your answers will not be saved unless you finish the entire application process. If you successfully apply, you will receive a confirmation email from NASA. Do not rely on a USAJOBS email to confirm successful application. You may edit a previously-submitted application, if the announcement is still open.

If you are unable to apply electronically for this position, submit your resume to: National Aeronautics and Space Administration (NASA), Resume Operations Center, Mail stop: HS50, Marshall Space Flight Center, AL 35812. Do NOT submit your resume directly to the Center advertising this vacancy. Mailed resumes must be received by the close of business on the closing date of the announcement. Hard copy resume requirements are at: Hard Copy Resume Requirements (https://applyonline.nasa.gov/hard_copy_applications.jsp).

Agency contact information

NASA Staffing Services

Phone
1-877-677-2123 (tel:1-877-677-2123)

Email
nssc-contactcenter@nasa.gov (mailto:nssc-contactcenter@nasa.gov)

Visit our careers page
Learn more about what it’s like to work at John Glenn Research Center at Lewis Field, what the agency does, and about the types of careers this agency offers.


Next steps
If you are found qualified, you may be referred to the selecting official for further consideration. Whether or not you are contacted for an interview depends on the location of the position and the judgment of the selecting official. If you are selected, you will be notified by phone or email with a tentative job offer pending verification that you meet all eligibility and qualification requirements. An official, written firm job offer will only be issued once all requirements have been verified.

Fair & Transparent

The Federal hiring process is setup to be fair and transparent. Please read the following guidance.

Equal Employment Opportunity Policy

The United States Government does not discriminate in employment on the basis of race, color, religion, sex (including pregnancy and gender identity), national origin, political affiliation, sexual orientation, marital status, disability, genetic information, age, membership in an employee organization, retaliation, parental status, military service, or other non-merit factor.

- Equal Employment Opportunity (EEO) for federal employees & job applicants (https://www.eeoc.gov/federal/fed_employees/index.cfm)

Reasonable Accommodation Policy

Federal agencies must provide reasonable accommodation to applicants with disabilities where appropriate. Applicants requiring reasonable accommodation for any part of the application process should follow the instructions in the job opportunity announcement. For any part of the remaining hiring process, applicants should contact the hiring agency directly. Determinations on requests for reasonable accommodation will be made on a case-by-case basis.
A reasonable accommodation is any change to a job, the work environment, or the way things are usually done that enables an individual with a disability to apply for a job, perform job duties or receive equal access to job benefits.

Under the Rehabilitation Act of 1973, federal agencies must provide reasonable accommodations when:

- An applicant with a disability needs an accommodation to have an equal opportunity to apply for a job.
- An employee with a disability needs an accommodation to perform the essential job duties or to gain access to the workplace.
- An employee with a disability needs an accommodation to receive equal access to benefits, such as details, training, and office-sponsored events.

You can request a reasonable accommodation at any time during the application or hiring process or while on the job. Requests are considered on a case-by-case basis.

Learn more about [disability employment and reasonable accommodations](https://www.opm.gov/policy-data-oversight/disability-employment/reasonable-accommodations/)
or [how to contact an agency](https://www.usajobs.gov//Help/how-to/application/agency/contact/)

### Legal and regulatory guidance

- [Social security number request](https://www.usajobs.gov//Help/working-in-government/fair-and-transparent/social-security-number/)
- [Signature & False statements](https://www.usajobs.gov//Help/working-in-government/fair-and-transparent/signature-false-statements/)
- [Selective Service](https://www.usajobs.gov//Help/working-in-government/fair-and-transparent/selective-service/)