

Assistant Professor, Aerospace Engineering, Tenure  
Track  
University of North Dakota

Direct Link: <https://www.AcademicKeys.com/r?job=229191>

Downloaded On: May. 12, 2024 10:20am

Posted Jan. 22, 2024, set to expire May 22, 2024

<b>Job Title</b>	Assistant Professor, Aerospace Engineering, Tenure Track
<b>Department</b>	College of Engineering and Mines <a href="https://engineering.und.edu/">https://engineering.und.edu/</a>
<b>Institution</b>	University of North Dakota Grand Forks, North Dakota
<b>Date Posted</b>	Jan. 22, 2024
<b>Application Deadline</b>	Feb. 23, 2024
<b>Position Start Date</b>	Aug. 16, 2024
<b>Job Categories</b>	Assistant Professor Associate Professor
<b>Academic Field(s)</b>	Mechanical Engineering Aerospace/Aeronautical/Astronautics
<b>Job Website</b>	<a href="https://careers.und.edu/jobs/assistant-professor-aerospace-engineering-tenure-track-grand-forks-north-dakota-united-states">https://careers.und.edu/jobs/assistant-professor-aerospace-engineering-tenure-track-grand-forks-north-dakota-united-states</a>
<b>Apply Online Here</b>	<a href="https://careers.und.edu/jobs/assistant-professor-aerospace-engineering-tenure-track-grand-forks-north-dakota-united-states">https://careers.und.edu/jobs/assistant-professor-aerospace-engineering-tenure-track-grand-forks-north-dakota-united-states</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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### **Salary/Position Classification**

- \$85,000-\$95,000 9-month contract, Tenure Track, Exempt
- 40 hours per week
- 100% Remote Work Availability: No
- Hybrid Work Availability: No

### **Purpose of Position**

The Department of Mechanical Engineering at the University of North Dakota invites applications for a tenure-track, Assistant Professor in aerospace engineering.

The department will consider applications in the general area of aerospace engineering, such as (1) aircraft/spacecraft design, (2) aerospace structures, (3) flight dynamics and control, (4) aeromechanics, (5) autonomous aerospace systems, (6) aerospace robotics, (7) aerospace adaptive control systems, and (8) aerospace guidance, navigation, and control.

The appointment is expected to begin on August 16, 2024, or earlier.

### **Duties & Responsibilities**

The successful applicant must have a demonstrated dedication to excellence in engineering education and the potential to develop an externally funded research program. The successful applicant will have excellent written, verbal, and interpersonal skills. The successful applicant will have the following primary responsibilities and duties:

- Official duties and responsibilities of faculty members include teaching and service activities as assigned.
- Teaching a 2/2 course load in aerospace and mechanical engineering, both on-campus and online, potentially including both classroom and laboratory settings. Initial appointment may include a reduced teaching load to initiate research activity.
- Advising students in course planning and fulfilling graduation requirements.
- Communicating effectively in English with students, families, faculty, staff, and other professional colleagues in person and at-a-distance (phone, email, etc.).
- Utilizing computer hardware and software to carry out teaching, research, and service responsibilities to the mechanical engineering department.

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- Operating laboratory equipment and instrumentation found in mechanical and aerospace engineering laboratories.
- Participating in department, college/university, and professional service activities.
- Conducting engineering scholarly activities including grant preparation and submission, mentoring of graduate student researchers, publication of results, and development of an externally funded research program.
- Engaging in research contributing to UND Grand Challenges, such as (1) National Security & Space, (2) Autonomous Systems, and/or (3) Computational & Data Science.

### Required Competencies

- Experience or demonstrated ability working with diverse groups.
- Excellent written, verbal, and interpersonal skills.
- Proven ability to operate effectively as a team player and leader who works effectively with superiors, peers, and subordinates and has strong interpersonal skills, and independent judgment.
- Commitment to providing quality teaching in both on-campus and online settings.
- Commitment to inclusive teaching and research practices.

### Minimum Requirements

- PhD degree in aerospace engineering, mechanical engineering, or a closely related discipline.
- Teaching experience in aerospace engineering, mechanical engineering, or a closely related discipline.
- Successful completion of a Criminal History Background Check

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the US and to complete the required employment eligibility verification form upon hire.

### Preferred Qualifications

- Experience or education to teach core aerospace and mechanical engineering courses, such as aerospace structures, flight dynamics and control, spacecraft design, and mechanical design, at both the undergraduate and graduate levels.
- Experience teaching undergraduate labs for aerospace and mechanical engineering.
- Experience or education to develop and cultivate externally funded research activities.
- Industry, government, or research experience in aerospace or mechanical engineering.

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## To Apply

Applications are only taken through the [UND Careers webpage](#)

Or paste link

<https://careers.und.edu/jobs/assistant-professor-aerospace-engineering-tenure-track-grand-forks-north-dakota-united-states>

To ensure full consideration, applications must be received by February 23, 2024, and include the following materials:

- Cover letter
- Professional vita or résumé
- Statement of teaching and research interests
- Names and contact information of at least three (3) references

Questions may be directed to the Department Chair, Dr. Clement Tang at [clement.tang@und.edu](mailto:clement.tang@und.edu)

Position is open until filled.

## EEO/AA Policy

### EEO Statement

The University of North Dakota is an Affirmative Action/Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or other protected characteristic. Women, minorities, veterans, individuals with disabilities, and members of other underrepresented groups are especially encouraged to apply. Applicants are invited to provide information regarding their gender, race and/or ethnicity, veteran's status and disability status as part of the application process. This information will remain confidential and separate from your application.

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**Contact Information**

Please reference Academickeys in your cover letter when  
applying for or inquiring about this job announcement.

**Contact** Barb Gangelhoff  
College of Engineering and Mines  
University of North Dakota  
Grand Forks, ND

**Phone Number** 701-777-3309

**Contact E-mail** barbara.gangelhoff@und.edu