

Open Rank Teaching Professor, Aerospace Engineering
University of North Dakota

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Posted Mar. 7, 2025, set to expire Jul. 7, 2025

Job Title	Open Rank Teaching Professor, Aerospace Engineering
Department	College of Engineering and Mines https://engineering.und.edu/
Institution	University of North Dakota Grand Forks, North Dakota
Date Posted	Mar. 7, 2025
Application Deadline	until filled
Position Start Date	Aug. 16, 2025
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering Aerospace/Aeronautical/Astronautics Engineering - Other
Job Website	https://careers.und.edu/jobs/open-rank-teaching-professor-aerospace-engineering-grand-forks-north-dakota-united-states-08e5456e-d943-4a27-81ba-74a937e2fe0b
Apply Online Here	https://careers.und.edu/jobs/open-rank-teaching-professor-aerospace-engineering-grand-forks-north-dakota-united-states-08e5456e-d943-4a27-81ba-74a937e2fe0b
Apply By Email	
Job Description	

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Salary/Position Classification

- \$93,000+ commensurate with rank, qualifications and experience, contract, Exempt
- 40 hours per week
- This position will work onsite the Grand Forks, ND campus.

Purpose of Position

The Department of Mechanical Engineering at the University of North Dakota invites applications for a 12-month Open Rank Teaching Professor position to support the Aerospace Engineering program. Depending on the successful candidate's qualifications, the position will be offered at the rank of Teaching Assistant Professor, Teaching Associate Professor, or Teaching Professor.

The department will consider applications in the general area of aerospace and mechanical engineering, such as (1) aerospace vehicle design, (2) experimental aeromechanics, (3) aerospace structures.

The appointment is expected to begin on August 16, 2025, or later.

Duties & Responsibilities

The successful applicant must have demonstrated dedication to excellence in engineering education. The successful applicant will have excellent written, verbal, and interpersonal skills. The successful applicant will have the following primary responsibilities and duties:

- Develop & teach aerospace engineering courses with these topics in sufficient depth for engineering practice: (1) aerospace engineering design, (2) experimental aeromechanics, and/or (3) aerospace structures.
- Teach at least 3/3 course load (for Fall/Spring) in aerospace and mechanical engineering.
- Teach undergraduate and/or graduate courses in aerospace engineering, both on-campus and online, including both classroom and laboratory settings.
- Perform tasks for Aerospace Engineering program ABET accreditation.
- Advise students in course planning and fulfilling graduation requirements.
- Communicate effectively in the English language with students, families, faculty, staff, and other professional colleagues in person and at a distance.
- Contribute service within the department, college, university, and professional community.

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Required Competencies

- Ability to adapt to current methods of teaching, including online delivery.
- Broad knowledge of emerging aerospace engineering needs.
- Broad knowledge of academic and commercial development that is relevant to aerospace engineering.
- Demonstrated excellent written and oral communication skills, including the ability to teach, inspire, and mentor students.
- Effective interpersonal skills, including the ability to collaborate effectively with faculty, staff, and students.
- Ability to work and engage with diverse groups.
- Ability to advise student competition teams, e.g., (1) AIAA Design/Build/Fly, (2) International Rocketry Engineering Competition (IREC), and/or (3) NASA Student Launch.
- Ability to develop and teach graduate-level aerospace engineering courses.

Minimum Requirements

- PhD degree in aerospace/mechanical engineering, engineering education, 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. ***This position does not support visa sponsorship for continued employment.***

Preferred Qualifications

- Proficient to teach core undergraduate courses in aerospace or mechanical engineering.
- Proficient to teach AE 483 Aeromechanics Laboratory and ME 483 Mechanical Measurements Laboratory at UND.
- Proficient to teach aerospace or mechanical engineering design using CAD.
- Proficient to teach capstone design for aerospace engineering.

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To Apply

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To assure full consideration, applications must be received by **March 16, 2025** and include the following materials:

- Cover letter
- Curriculum vitae or résumé
- Statement of teaching interests
- Names and contact information of at least three (3) references
- Unofficial transcripts. Please note that the selected candidate will be required to submit official transcripts upon hire.

Position is open until filled.

Questions may be directed to the Department Chair, Dr. Clement Tang at clement.tang@und.edu.

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
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Phone Number 701-777-3309

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