

Assistant Teaching Professor
Michigan Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=268744>

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Posted Nov. 25, 2025, set to expire Apr. 9, 2026

Job Title	Assistant Teaching Professor
Department	Mechanical and Aerospace Engineering https://www.mtu.edu/mechanical-aerospace/
Institution	Michigan Technological University Houghton, Michigan
Date Posted	Nov. 25, 2025
Application Deadline	Open until filled
Position Start Date	Aug. 12, 2026
Job Categories	Assistant Professor
Academic Field(s)	Mechanical Engineering Aerospace/Aeronautical/Astronautics
Apply Online Here	https://www.employment.mtu.edu/en-us/job/494079/assistant-teaching-professor
Apply By Email	
Job Description	

Summary

Michigan Technological University's Department of Mechanical and Aerospace Engineering (MAE) invites applications for an instructional-track Assistant Teaching Professor position. We seek candidates with expertise in aerospace and/or mechanical engineering in general, particularly in vehicle dynamics, systems engineering, thermal engineering, structures, and internal combustion engines. This candidate will be expected to help with advising industry-funded senior design projects. Michigan Tech attracts world-class faculty and staff who enrich the educational experience of smart, motivated, and adventurous students. Applicants who are committed to promoting a learning

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environment based on respect for all and academic excellence are strongly encouraged to apply.

Responsibilities and Essential Duties

- Teach undergraduate and graduate mechanical and aerospace engineering courses.
- Lead and/or advise student teams in Sr. Design or Enterprise.
- Department duties may include service on committees, conducting outreach activities, and assisting with department assessment responsibilities.

Required Education, Certifications, Licensures

- PhD in Mechanical or Aerospace Engineering or a closely related field.

Required Experience

- Classroom teaching experience.
- Expertise in mechanical and/or aerospace engineering or a closely related field.

Desirable Education and/or Experience

- Teaching mechanical and/or aerospace engineering courses on a variety of topics.

Required Knowledge, Skills, and/or Abilities

- Ability to teach a range of mechanical and/or aerospace engineering topics

Desirable Knowledge, Skills, and/or Abilities

- Ability to advise a Sr. Design or Enterprise team.
- Project management or Systems engineering experience.
- Ability to use a learning management system to manage course schedules and teaching materials.
- Demonstrated success in, or potential future contributions to, working with persons with a wide variety of personal characteristics and viewpoints.

Work Environment and/or Physical Demands

The work environment is that of a typical office and/or classroom setting. The noise level in the work environment is usually low to moderate.

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Required Training and Other Conditions of Employment

Every employee at Michigan Technological University will receive the following four required pieces of training; additional training may be required by the department.

Required University Training:

- Employee Safety Overview
- Anti-Harassment, Discrimination, and Retaliation Training
- Annual Data Security Training
- Annual Title IX Training

Background Check:

Offers of employment are contingent upon and not considered finalized until the required background check has been performed and the results received and assessed.

Other Conditions of Employment:

The successful applicant will be responsible for ensuring eligibility for employment in the United States on or before the effective date of the appointment. This is not an E-Verified Position.

Full-Time Equivalent (FTE) % (1=100%): 1

FLSA Status: Exempt

Appointment Term: 9 months

Pay Rate/Salary: Salary is commensurate with experience and qualifications.

Title of Position Supervisor: Department Chair

Posting Type: Internal & External

Dependent on Funding: No

Special Instructions to Applicants (if applicable)

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For full consideration, complete application packages should be received by December 15, 2025; however, applications will be considered until the position is filled.

Applicants will need to upload the following documents:

- Curriculum Vitae
- Cover Letter
- Teaching Philosophy Statement

We strongly encourage applicants to address the required and desired qualifications in their cover letter along with an explanation of how they will contribute to the Vision and Mission of Michigan Tech.

Additional Information

The MAE department and Michigan Tech encourage women, minorities, individuals with disabilities, and veterans to apply. Our undergraduate programs are widely respected and known for their innovative Mechanical Engineering Practice curriculum and the Enterprise program. Our graduate mechanical engineering program is ranked 68th among doctoral-granting ME programs by the U.S. News Best undergraduate and graduate programs. The MAE department's research expenditures in 2024 were \$33.4 Million, up ~40% from 2023. Our department enrollment is growing with a ~30% growth in freshman enrollment this fall with 340 ME students along with our first Aerospace Engineering admissions of 72. The university and the department are making large investments into the MAE department with four floors of the R.L. Smith building currently under renovation.

Michigan Tech, ranked an R1 institution by the Carnegie Classification of Institutions of Higher Education, attracts world-class faculty who enrich the educational experience of smart, motivated, and adventurous students. Applicants who are committed to promoting a learning environment for all are strongly encouraged to apply. Located in Michigan's Upper Peninsula adjacent to Lake Superior, the Houghton community offers a small-town environment with outstanding four-season recreational opportunities.

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

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If you require any auxiliary aids, services, or accommodations during Michigan Tech's hiring process please notify the Human Resources office at 906-487-2280 or hr-help@mtu.edu.

EEO/AA Policy

Please note that successful applicants are responsible for ensuring their eligibility to work in the United States (i.e. a citizen or national of the United States, a lawful permanent resident, a foreign national authorized to work in the United States without the need of an employer sponsorship) on or before the effective date of your appointment, and maintain eligibility without sponsorship throughout your appointment.

Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer that provides equal opportunity for all, including protected veterans and individuals with disabilities.

The [Annual Security and Fire Safety Report](#) contains current campus safety and disciplinary policies, crime statistics for the previous 3 calendar years, and on-campus student housing fire safety policies and fire statistics for the previous 3 calendar years. Michigan Tech will provide a paper copy upon request; please contact the Michigan Tech Public Safety.

Contact Information

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

Contact Human Resources
Human Resources
Michigan Technological University
2nd Floor, Lakeshore Center
1400 Townsend Dr.
Houghton, MI 49931-1200

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