

Assistant Professor of Mechanical Engineering
South Dakota School of Mines and Technology

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Posted Aug. 2, 2024, set to expire Dec. 4, 2024

Job Title	Assistant Professor of Mechanical Engineering
Department	Mechanical Engineering https://www.sdsmt.edu/academics/academic-departments/mechanical-engineering/index.html
Institution	South Dakota School of Mines and Technology Rapid City, South Dakota
Date Posted	Aug. 2, 2024
Application Deadline	Open until filled
Position Start Date	August 2025
Job Categories	Assistant Professor
Academic Field(s)	Robotics Mechatronics Mechanical Engineering
Apply Online Here	https://yourfuture.sdbor.edu/postings/39453

Apply By Email

Job Description

The Department of Mechanical Engineering at the South Dakota School of Mines & Technology invites applications for a nine-month, tenure-track faculty position at the rank of Assistant Professor in dynamic systems, controls, mechatronics, and robotics.

An earned PhD in Mechanical Engineering, or a closely related field, is required. Excellent communication skills, both verbal and written, are required. The successful candidate will be expected to develop an externally funded research program in their area of expertise, teach courses at the undergraduate and graduate levels, and participate in service-related activities. Salary is commensurate with qualifications. The anticipated start term is August 2025.

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The **Mechanical Engineering Department** takes pride in its excellent educational programs and world-class research activities. The department received the 2023 ASME Zwiap Award for Innovation in Mechanical Engineering Education for its cutting-edge project-based curriculum that is focused on product development that is infused throughout the four years of the curriculum. Supported by CAMP, students compete in several ASME and SAE sponsored national/international competitions. The department offers BS, MS, and PhD degrees in Mechanical Engineering, and currently is home to 600 undergraduates and 50 graduate students.

South Dakota Mines is a best-in-class STEM university that offers bachelor's, master's and doctoral degrees located in Rapid City, the state's second largest city with a MSA population of over 158,000. With 226 days of sunshine, 1.2 million acres of breathtaking scenery of the Black Hills National Forest, 700 miles of motorized trails and nearly 500 miles of hiking trails, there is a lot to see and do. People from around the world come here each year to see top attractions like Mount Rushmore National Memorial, Crazy Horse Memorial, Badlands National Park, Terry Peak Ski Area, and Reptile Gardens. There's something for everybody!

At Mines, our vision is to develop world-class leaders in science and engineering to benefit society through education, innovation, and engagement. Nearly 2,500 students from every state and over 40 countries are represented on our campus. Mines is an affordable option with a great return on investment.

Known for our academic rigor, we maintain an average class size of 24 and our students benefit from immersive learning experiences including undergraduate research, co-ops/internships, and nationally competitive engineering teams. These experiences make graduates highly sought after by industry and attributes to high starting salaries and 98% placement rate in the field of study.

Research at Mines encompasses four main areas: energy and environment; materials and manufacturing; STEM education; and underground science and engineering. Entrepreneurship is highly valued and programming assists students and faculty to engage in entrepreneurial activities and transition scientific and technological innovations into viable products and business startups.

South Dakota Mines is committed to recruiting and retaining a talented workforce and offers an excellent comprehensive benefits package including medical, dental, vision, and life coverage options for employees, spouses and dependents; retirement plans; paid holidays; and a generous vacation and sick day allowance. Individuals interested in this position must apply online at [Careers at Mines \(sdsmt.edu\)](https://careers.sdsmt.edu). Human Resources can provide accommodation to the online application process and may be reached at (605) 394-1203. Review of applications will begin September 30, 2024, and will

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continue until the position is filled. Employment is contingent upon completion of a satisfactory background investigation.

EEO/AA Policy

South Dakota School of Mines and Technology is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, national origin, ancestry, religion, gender, age, sexual orientation, marital status, pregnancy, military/Veteran's status, or disability. In adhering to this policy, South Dakota School of Mines and Technology abides by all federal and state statutes and regulations for the protection of employees against discrimination. Inquiries regarding compliance may be directed to the Director of Human Resources, South Dakota School of Mines and Technology, 501 East Saint Joseph St., Rapid City, SD 57701, (605)394-1203.

Contact Information

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

Contact Mechanical Engineering Department
Mechanical Engineering
South Dakota School of Mines and Technology
501 East Saint Joseph Street
Rapid City, SD 57701