

Engineering Teachers, Postsecondary (25-1032.00)

At-a-Glance Statistics



Sample Job Titles

Assistant Professor, Associate Professor, Chemical Engineering Professor, Electrical Engineering Professor, Engineering Instructor, Engineering Professor, Environmental Engineering Professor, Instructor, Mechanical Engineering Professor, Professor

Key Tasks

- Conduct research in a particular field of knowledge and publish findings in professional journals, books, or electronic media.
- Prepare course materials, such as syllabi, homework assignments, and handouts.
- Evaluate and grade students' class work, laboratory work, assignments, and papers.
- Write grant proposals to procure external research funding.
- Supervise undergraduate or graduate teaching, internship, and research work.
- Keep abreast of developments in the field by reading current literature, talking with colleagues, and participating in professional conferences.
- Prepare and deliver lectures to undergraduate or graduate students on topics such as mechanics, hydraulics, and robotics.
- Initiate, facilitate, and moderate class discussions.
- Supervise students' laboratory work.
- Compile, administer, and grade examinations, or assign this work to others.
- Collaborate with colleagues to address teaching and research issues.
- Plan, evaluate, and revise curricula, course content, and course materials and methods of instruction.
- Maintain student attendance records, grades, and other required records.
- Maintain regularly scheduled office hours to advise and assist students.
- Participate in student recruitment, registration, and placement activities.

Education and Training



Doctoral Degree

90%



Master's Degree

9%



Bachelor's Degree

1%

Top Industries



Educational Services

Number Employed



48,000 positions

4,700 job openings

Median Wages



Hourly

\$50.86



Annually

\$101,720

Top Ten States for Occupational Percentage Growth

