

# Engineering

## Accreditation

The bachelor's programs in electrical engineering, environmental engineering, materials engineering, and petroleum engineering are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET).

## Professional Examinations

All engineering majors are required to take the Fundamentals in Engineering (FE) [previously known as the Engineer in Training or EIT] examination as a requirement for graduation. This examination is the entry-level requirement for those individuals who intend to attain a professional engineer status. The FE examination is given in the fall and spring each year at New Mexico Tech. The FE examination is a national examination; therefore, the results are transferable to any state or territory of the United States.

## Depth Requirement in the Humanities or Social Sciences

While fulfilling the General Degree Requirements (pages 45–46), engineering students must also satisfy a depth requirement in the humanities or social sciences. Each engineering student is required to take at least nine credit hours, three of which must be 300-level or above, in a single area chosen from:

- 1) Literature (including foreign language literature courses)
  - 2) Philosophy
  - 3) History
  - 4) Economics (Engineering Science 316 is excluded)
  - 5) Psychology
  - 6) A single foreign language that is not the student's native language
- Students may substitute sequences in Fine Arts or Music after obtaining the consent of the appropriate engineering department.

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