ENGINEERING

The Associate of Science in Engineering degree prepares the graduate for an entry-level position in the engineering industry. Students may apply the associate degree coursework to a Bachelor of Science Degree in Engineering in one of several fields including Chemical Engineering, Civil Engineering, Electrical & Computer Engineering, Engineering Physics, Engineering Technology & Surveying Engineering, Industrial Engineering, or Mechanical & Aerospace Engineering offered at one of the New Mexico four-year institutions.

Graduation Requirements

ENGL 111G Rhetoric and Composition with a C or higher; placement into college-level math and reading courses or completion of developmental courses with a C or higher; cumulative GPA of 2.0 or higher; the last 15 credits taken at NMSU. TOTAL CREDITS REQUIRED FOR DEGREE: (60)

Engineering - Associate of Science (http://catalogs.nmsu.edu/carlsbad/associate-degree-certificate-programs/engineering/engineering-associate-science)

ENGR 100. Introduction to Engineering
3 Credits (2+3P)
An introduction to the various engineering disciplines, the engineering approach to problem solving, and the design process. Projects emphasize the importance of teamwork, written & oral communication skills, as well as ethical responsibilities.
Prerequisite(s)/Corequisite(s): MATH 121G.

ENGR 100H. Introduction to Engineering
3 Credits (2+3P)
An introduction to the various engineering disciplines, the engineering approach to problem solving, and the design process. Projects emphasize the importance of teamwork, written & oral communication skills, as well as ethical responsibilities. Pre/Corequisite(s): MATH 190G.

ENGR 111. Mathematics for Engineering Applications
3 Credits
An introduction to engineering mathematics and basic programming skills needed to perform elementary data manipulation and analysis. Consent of Instructor required.
Prerequisite(s)/Corequisite(s): MATH 190G. Prerequisite(s): MATH 121G.

ENGR 198. Special Topics in Engineering
1-3 Credits
Directed individual study of topics in engineering. Written reports covering work required. May be repeated for a maximum of 6 credits. Restricted to engineering majors. Graded S/U.
Prerequisite: consent of academic dean.