A program that generally prepares individuals to apply mathematical and scientific principles to solve a wide variety of practical problems in industry, social organization, public works, and commerce. Includes instruction in undifferentiated and individualized programs in engineering.¹ The Engineering program at Hartnell College covers the first two years of the traditional professional engineering program leading to a Bachelor’s Degree. The required core curriculum follows the Engineering Articulation Agreement developed by the Engineering Liaison Council (ELC) between community colleges and four-year public and private colleges and universities.

Degree Options at Hartnell:
Associate of Science Degree in Engineering

Overview

Related Careers

- Architectural Engineer
- Biochemical Engineer
- Chemical Engineer
- Civil Engineer
- Computer Engineer
- Industrial Engineer
- Mechanical Engineer
- Polymer Engineer
- Structural Engineer
- Aerospace Engineer
- Nuclear Engineer
- Petroleum Engineer
- Systems Science Engineer
- Automotive Engineer

Related Skills

- Engineering and technology
- Building and construction
- Mathematics
- Design
- Critical thinking
- Reading comprehension
- Active listening
- Written and oral communication
- Operations analysis
- Complex problem solving

¹ http://www.cacareerzone.org/majors/detail/14.0101