



About Us

MISSION STATEMENT

The mission of the engineering department at Utah Valley University (UVU) is to provide a strong engineering foundation with a hands-on component to prepare professionally competent engineers of integrity who serve the engineering needs of the region and the globally interdependent community. The B.S. in Civil Engineering, Computer Engineering, Electrical Engineering, and Mechanical Engineering programs use the ABET's Student Outcomes 1 through 7. For more detail, please visit each program's website.

Program Objectives

The mission of the Engineering program at Utah Valley University (UVU) is to provide a strong engineering foundation with a hands-on component to prepare professionally competent engineers of integrity who serve the engineering needs of the region and the globally interdependent community. Within three to five years of graduation, alumni of the program are expected to have:

- Demonstrated their ability to perform engineering analysis to solve problems and to communicate technical information effectively in an engineering or a professional team environment.
- Advanced professionally by being given more responsibilities and/or have completed a graduate level degree.
- Continued their professional development through workshops and/or have earned professional licensure.
- Served in their professional organizations and/or local communities.

Student Outcomes

The B.S. in an Engineering program uses the following ABET's (Accreditation Board for Engineering and Technology) Student Outcomes 1 through 7:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Continuous Improvement

In order to continually improve the curriculum, the engineering program at Utah Valley University, in collaboration with students, faculty, graduates, advisory board and employers, uses various assessment tools to measure achievement of student outcomes and program objectives.

Engineering | engineering@uvu.edu | (801) 863-8373 | CS 425K

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