

PRE- ENGINEERING

COLLEGE OF
ENGINEERING
& TECHNOLOGY



EXAMPLES OF JOBS & SALARIES

Engineering Technology Fields, BS Degree Entry Level:

Electrical and Electronics Engineering Technicians: **\$65,050**

Electro-mechanical Technicians: **\$60,240**

Mechanical Engineering Technicians: **\$58,240**

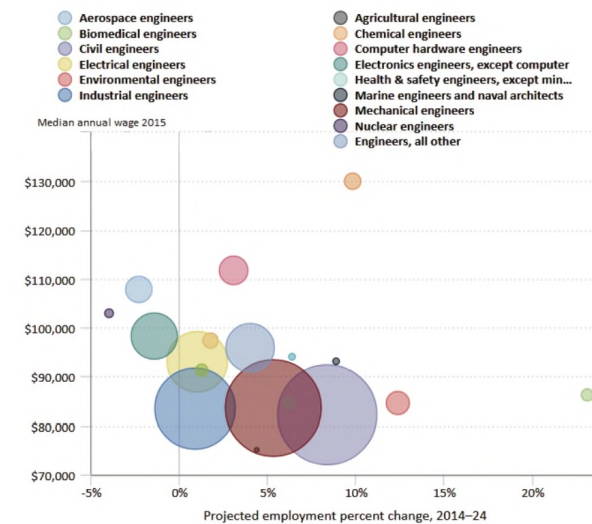
Engineering Technician: **\$65,720**

Surveying and Mapping Technician: **\$47,690**

Engineering Fields, BS Degree Entry Level:

Median annual wages in 2015 and projected 2014–24 employment change for engineering occupations

Bubble size represents projected 2024 employment



May 2018 National Occupational Employment and Wage Estimates – US Bureau of Labor Statistics

TWO DEGREES OFFERED

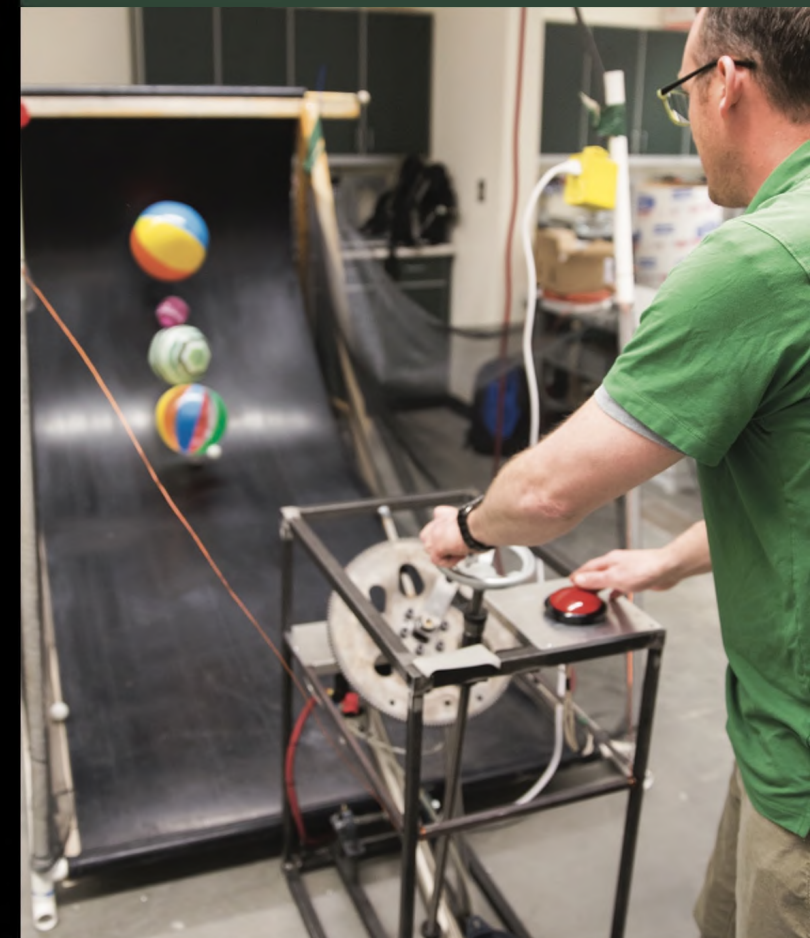
The Associate of Pre-Engineering (APE) degree is comprised of those math, science, and engineering courses normally taken by first and second year students in a four-year program, along with a small number of general education courses. This track offers emphases in Biological/Chemical, Electrical/Computer, and Civil/Mechanical branches of engineering.

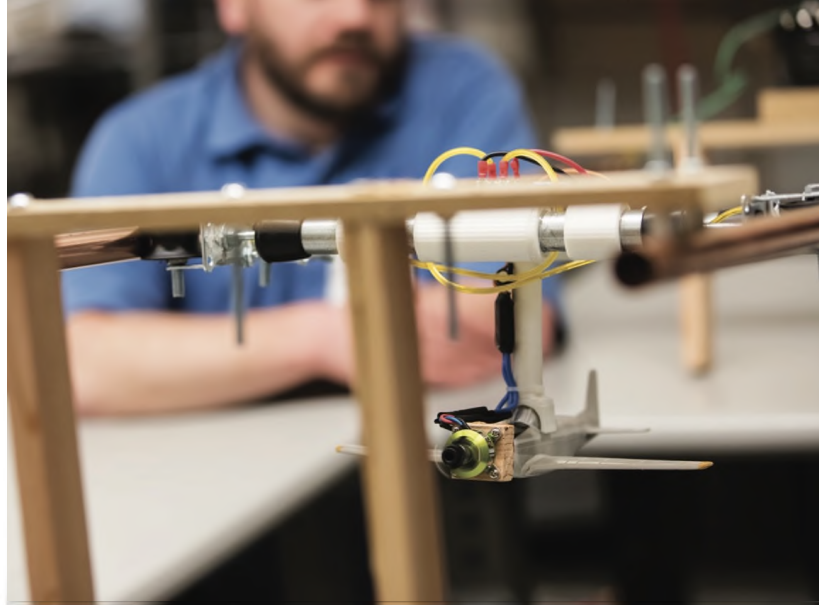
The Associate of Science (AS) provides a more general degree in Pre-Engineering. It has the added benefit of completing all general education requirements which may be waived at the student's follow-on school, if transferring.

Pre-Engineering programs will vary markedly from student to student depending on several factors including: high school preparation, engineering discipline of interest at UVU, or the intended four-year transfer school. The Pre-Engineering advisor will consider these factors when designing a program to fit the needs of each individual student. It is therefore important that Pre-Engineering students consult with the advisor concerning classes appropriate for their educational experience at UVU.

PATH TO ENGINEERING

Engineering is an exciting major in terms of professional career opportunities, job satisfaction and compensation. Career options exist in many engineering fields including: Aerospace, Biological, Biomedical, Chemical, Civil, Computer, Electrical, Environmental, Manufacturing, Materials, Mechanical and Systems. All students who declare pre-engineering as their major are automatically accepted into pre-engineering status. After completion of the pre-engineering program at UVU, students must apply for admission into the specific field of engineering of their choice.





WHY PRE-ENGINEERING AT UVU?

UVU offers an outstanding Pre-Engineering program that prepares students for baccalaureate engineering programs at UVU or other universities and colleges. Competitive curriculum, course transferability, highly qualified and experienced faculty, and small classrooms make Pre-Engineering program at UVU very desirable. Engineering is currently the fastest growing program at UVU.

Also, engineering programs at UVU prepare graduates to work in high demand, advanced technical, vastly diverse, and innovative industries that provide products and services to benefit the state and national economy.

WHAT NEXT?

The Pre-Engineering program at UVU has been created for students who plan to complete the first two years of their engineering education at UVU and then apply for admission into the desired baccalaureate engineering discipline or transfer to other universities to complete their engineering degree.

College website: uvu.edu/cet

Department website: uvu.edu/engineering

Program website:

uvu.edu/engineering/degrees-programs/pre-engineering

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