



Living Learning Community

Our **Ramengineers** Living Learning Community is located in the Plaza Verde residence hall and provides a common area where your roommates and neighbors are other civil engineering students actively involved in your engineering classes. The residence hall provides opportunities to study together, collaborate on group projects and build community with other **Ramengineers**.



Start engineering your future today. Contact us at:

Department of Civil Engineering
325-942-2483 | engineering@angelo.edu

or visit us online angelo.edu/engineering

I was already colleagues with the folks at a local engineering firm, but Dr. Kitch recommended me for an internship. I was in there on other business, and this fact came up. Before I left, I accepted the internship, and I've never been more appreciative of a college professor.



LUKE BURNETT
San Angelo

Engineer Your Future



CIVIL ENGINEERING AT ANGELO STATE



*This program
is new to
San Angelo, and
we are like a breath
of fresh air to ASU.*

TIMOTHY BUNLA
San Angelo



ASU's Bachelor of Science in Civil Engineering

A premier undergraduate degree program that produces practice-ready engineers with the broader skills needed to become future leaders. Those broader skills include communication, teamwork, sustainability, leadership, design and ethics. Our faculty is a family of scholars with extensive engineering industry experience who employ the best hands-on teaching methods in an integrated curriculum. We are dedicated to teaching our undergraduates and establishing a distinctive and innovative Texas engineering program.

Building a Strong Foundation

Are you a pioneer? Are you energized by the possibility of building something new? Are you excited about the opportunity to be one of the first ASU Rams to graduate from a new program? We are looking for students who are interested in building an outstanding engineering program with us. As we break ground for construction of the new Hunter Strain Engineering Laboratory, we want students with a vision for a groundbreaking future!

Choose ASU and become a *Ramgineer!*



WHAT IS CIVIL ENGINEERING?



CIVIL ENGINEERING touches all aspects of your everyday life—from electricity that heats and cools your home, to fresh drinking water in your tap, to roadways that get you from place to place. Civil engineers design the infrastructure that keeps the country running. Broadly speaking, there are five sub-fields that make up civil engineering:

STRUCTURAL ENGINEERS

design and build structures like bridges, buildings and amusement park rides that support their own weight, carry people and things, and stay strong in a variety of environments (wind, extreme temperatures, earthquakes, etc.).

ENVIRONMENTAL ENGINEERS

protect our environment by creating systems to manage hazardous materials, remove pollution and reduce waste.

GEOTECHNICAL ENGINEERS

understand the behavior of soil and rock that supports buildings, tunnels and other structures.

WATER RESOURCES ENGINEERS

maintain high-quality and sufficient water supplies and build structures to manage flood-waters and wastewater. They also design dams, pump stations and other systems that move water and generate hydro-power.

TRANSPORTATION ENGINEERS

design and build systems that move people and things safely and efficiently by air, land and sea.

PLAN FOR A Civil Engineering Degree

Engineering is a rewarding career that is all about problem-solving and helping people on a global scale. If you are interested in pursuing civil engineering, math and physics will be a central part of your education, but we're not mathematicians or scientists. We use math and science to solve today's problems. We do recommend that you take as many math classes as your high school offers. Remember, math is like a muscle in your body—you have to exercise it every day! We need strong math muscles to solve problems.

*I love structures,
geology, math and physics,
and I thought civil
engineering sounded good.
Plus, the program is new.*

AUSTIN POOLE
Decatur



*ASU Ramgineers
will be exposed to all
these areas as they
engage in their senior-
level design courses.*