bachelor's degree

on campus

# Mechanical Engineering

Degree Type: Bachelor of Science in Mechanical Engineering (B.S.M.E.) Program Length: 4 years (128 credit hours)



#### What Can You Do With a Degree in Mechanical Engineering?

McNeese's Bachelor of Science degree in mechanical engineering provides a well-rounded education that combines engineering, mathematics and applied science. With this degree, you can work in engineering services, research and development and manufacturing for a variety of industries or continue your education with a master's degree or doctorate degree to specialize your skill set.

#### MCNEESE STATE UNIVERSITY

### WHY MCNEESE?

Here are just a few reasons to make McNeese your first choice ...



#### **Financial Aid and Scholarships:**

As a mechanical engineering major, you may qualify for industry-supported, endowed scholarships, such as the Vibration Institute Scholarship.

#### **Professional Licensure:**

McNeese's mechanical engineering degree program equips you with the knowledge you need to complete a professional engineer (P.E.) license.

#### **Industrial Grade Facilities:**

Featuring a model chemical plant, McNeese offers professionally designed labs that simulate the industrial environment. You can practice techniques using modern tools and equipment found in the field but on a smaller scale and in a safe, controlled environment.

#### **Applied Learning:**

With some of the biggest names in industry and business nearby, you can gain practical experience while earning your bachelor's degree right here at McNeese. The mechanical engineering program offers a robust internship and co-op program to help connect you with opportunities that could lead to full-time job offers after graduation.

#### Department of Engineering and Computer Science

With a number of industries relying on our graduates to lead the future, we are focused on interdisciplinary teamwork, scholarly development, hands-on projects and professional ethics. Our departmental programs provide a hands-on, comprehensive education that prepares our students to work in a wide variety of careers. Our students are constantly working with regional industry leaders through internships and co-op positions providing a well-rounded education that, after graduation, leads to successful positions in the industry or graduate school.

## Lead the Future in a Rapidly Changing Society

Mechanical engineers integrate mechanical and thermal tools, sensors, controllers and devices to design, build, test and modify machines, from power sources to material-handling systems. For example, you could develop new designs and technology for medical devices, batteries and electric generators, internal combustion engines, steam and gas turbines or refrigeration and air-conditioning units.

#### **Student Organizations**

As a mechanical engineering major, there are a variety of clubs and organizations you can join to be involved on campus, including the McNeese Engineering Society, a student chapter of the Louisiana Engineering Society, the American Society of Mechanical Engineers, the National Society of Black Engineers and the Society of Women Engineers.







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