

Mechanical and Automation Engineering

Objectives

This program is designed to train senior engineering talents, who can embark on a career in mechanical engineering, including designing and manufacturing, technology development, application research, operation management and sales.

Core courses

Title	Hours	Credit
Mechanical Drawing	40	2.5
Engineering Fluid Mechanics	48	3
Mechanical Principle	48	3
Mechanical Design	48	3
Fundamentals of Mechanical Manufacturing	48	3
Fundamentals of Control Engineering	48	3
Equipment and Technology of Petroleum Drilling and Production	56	3.5
Mechanical and Electrical Transmission Control	56	3.5

Graduation & Degree Requirements

Students are required to complete a minimum of 151.5 credits for graduation, among which 118.5 credits from required courses and 33 from practical courses. They also have to pass CET 4 to gain the Bachelor's degree.

Career prospects

Most of our graduates filled responsible positions relating to mechanical engineering in petroleum institutions. Some graduates also pursue further studies.