



FACILITIES

Smart classrooms with Blackboard, Smartboard and state of the art lab equipment.



PROGRAM STRUCTURE

Course	No. of Courses	Credit Hours
Core	23	60
College	7	19
Major	19	54
Electives	2	6
TOTAL	51	139

DEGREE PLAN



ADMISSION REQUIREMENTS

- ✦ Completed online application.
- ✦ Secondary school certificate or equivalent.
- ✦ General Aptitude Tests (Qudrat) or equivalent (SAT1)
- ✦ Standard Achievement Admission Test (SAAT- Tahseely) or equivalent (SAT2)
- ✦ PMU English Placement Test or valid IELTS certificate (Academic version) / TOEFL iBT with acceptable scores.



HOW TO APPLY

- 🖥️ Apply Online → 📧 Receive verification email
- 📄 Complete your online application → 🎓 Receive Acceptance
- 💰 Pay the 1st installment



APPLY



PAY

ADMISSIONS OFFICE

- ✉️ enrollment@pmu.edu.sa
- ☎️ 800 1230 123
- 📞 +966 13 849 8880

IE/GM/BMP/COE Flyer 0034-2022



جامعة الأمير محمد بن فهد
PRINCE MOHAMMAD BIN FAHD UNIVERSITY

MECHANICAL ENGINEERING



كلية الهندسة
COLLEGE OF ENGINEERING



WANT MORE INFO?
PMU.edu.sa

- 🐦 @PMUOFFICIAL
- 🐦 @PMU_KSA
- ✉️ mechanical.engineering@pmu.edu.sa
- ☎️ +966 13 849 5464



Engineering Accreditation Commission

The Bachelor of Science degree program in Mechanical Engineering is accredited by the ABET Engineering

INTRODUCTION



Mechanical engineering is the profession where machines (vehicles, turbines, pumps, engines, etc) and mechanical systems (air conditioning systems, refrigeration systems, fire fighting system and building services systems) are designed, manufactured and maintained.

WHY MECHANICAL ENGINEERING?

If you want to get into this fantastic profession and want to study at a young university with great ambition, then ME@PMU is what you are looking for.

ME@PMU is equipped with the state of the art facilities and labs to provide a rich and excellent technology infused learning environment. The curriculum is delivered by experienced faculty members.

The state of the art curriculum of ME@PMU is compatible with the American Standards and has been designed by Texas International Education Consortium (TIEC) of USA.

PROGRAM OBJECTIVES

- Graduates of the program will meet the professional expectations of national and international employers of mechanical engineers.
- Graduates of the program will be prepared to undertake leadership roles in their communities and/or professions.
- Graduates of the program will be prepared to pursue advanced studies and/or professional certification/training, if they so desire.

PROGRAM OUTCOMES

In addition to the six PMU core competencies, the Department of Mechanical Engineering will satisfy the 7 program outcomes specified by the Accreditation Board for Engineering and Technology (ABET). Each of the PMU engineering programs, therefore, will demonstrate that their graduates have achieved:

- An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- 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.
- An ability to communicate effectively with a range of audiences.
- 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.
- 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.
- An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
- An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

CAREER OPPORTUNITIES

Potential careers of the ME Graduate:

- Mechanical Engineer
- Mechanical engineering industry
- Manufacturing sector
- Mechanical utilities and Renewable Energy sector
- Power Plant sector
- HVAC sector
- Aerospace and marine industries

