



ADIYAMAN UNIVERSITY
FACULTY OF ENGINEERING
MECHANICAL ENGINEERING
DEPARTMENT
INTRODUCTORY BROCHURE

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OUR DEPARTMENT

The domestic and national breakthroughs our country has made in recent years are exciting. We witness this success with pride as we stand with our faithful and persevering nation. As the Department of Mechanical Engineering, we have improved our standards for the education that the precious young people of our country deserve.

Our young people are the guarantee of our future; we have equipped you with our qualified staff, modern workshops and laboratories to prepare you as individuals who will produce in your working life.

Since the day we opened our doors in the 2015-2016 academic year to contribute to the national technological breakthrough, we have graduated many of our students and brought them to our country as qualified mechanical engineers.

We would like to see you, our precious young people, among us in this educational movement.

Mechanical Engineering Department

Department Head

MISSION & VISION

The aim of our Faculty is to educate self-confident MACHINERY ENGINEERS who are sensitive to man, society and nature, who understand the place and role of themselves and their profession in the social development, who have acquired professional competence and ethical responsibility, who consider public benefit, who have basic knowledge that can respond to today's technological developments, who can think, who can not only analyze but also synthesize, who have research skills, who can apply their theoretical knowledge in practice. In the field of mechanical engineering, our vision is to be a research and education center that produces knowledge and technology based on the culture and value of universal science and contemporary education and within the framework of the needs of society.

IMPORTANCE OF MECHANICAL ENGINEERING

Mechanical engineering plays an important role in the design, manufacture, operation, and maintenance of mechanical systems. Mechanical engineers work in many industries (automotive, aerospace, energy, manufacturing, etc.), developing innovative solutions and helping to solve complex problems. They also make important contributions to issues such as sustainable energy sources, environmental protection, and advanced technologies.

WHY MECHANICAL ENGINEERING

A degree in Mechanical Engineering combines a wide range of disciplines, offering career opportunities in a variety of sectors and allowing you to develop your technical skills. Mechanical engineering graduates can find jobs in the design and manufacture of mechanical systems, automation, aerospace, energy, transportation and more. In this field, students also have the opportunity to develop problem-solving and creative thinking skills while applying various engineering principles. For these reasons, mechanical engineering can be an attractive option for students interested in technology and industrial applications.

JOB OPPORTUNITIES FOR OUR GRADUATES

There is a wide range of employment opportunities for mechanical engineering graduates. These include automotive, aerospace, energy (including renewable energy), manufacturing, defense, consulting, and research. Mechanical engineers can work in a variety of roles including design, production, operations, maintenance, research and development, sales and marketing. Mechanical engineers can also specialize in areas such as automation, robotics, materials science, and power systems. This further expands their job opportunities. In addition, those with an entrepreneurial spirit may consider career paths such as starting their own business.

COURSE CATALOG

1. Grade	1. Semester	(KİM101) Chemistry MAK111 Introduction to Mechanical Engineering. (PHYSICS101) PHYSICS I MAK113 Technical Drawing I (MAT101) Mathematics I (AİİT101) Atatürk's Principles and Revolutionary History I (TD101) Turkish Language -I (YD101) Foreign Language-I
	2. Semester	MAK116 Static MAK120 Metrology MAK102 Physics II MAK118 Engineering Drawing II MAT104 Linear Algebra MAT102 Mathematics II AIT102 Atatürk's Principles and Revolutionary History II TD102 Turkish Language II
2. Grade	3. Semester	(MUH201) Statistics for Engineers MAK221 Foundry Technology MAK203 Materials Science (SOS209) History of science (SOS201) Communication MAK225 Computer Aided Manufacturing MAK207 Dynamics MAK205 Strength I MAK217 Manufacturing Processes I
	4. Semester	MAK206 Strength II MAK224 Introduction to alternating and direct current circuits MAK220 Thermodynamics I MUH204 Occupational health and safety MAT202 Differential equations MAK226 Engineering Materials MAK222 Manufacturing Processes II SOS208 Artificial Intelligence Methods SOS210 Research and Review Techniques

3. Grade	5. Semester	MAK321 Fluid Mechanics I MAK323 Machine Elements I MAK319 Thermodynamics II MAK325 Heat Transfer I MAK327 Mechanisms (SOS301) Patent and Industrial Design (SOS311) Technology and Innovation Management MAK329 Machine Laboratory I
	6. Semester	MAK346 Heat Pumps MAK324 Machine Elements II MAK322 Fluid Mechanics II MAK328 Machine Dynamics MAK332 Hydraulic Machines MAK326 Heat transfer II MAK350 Vocational English I
4. Grade	7. Semester	MAK437 Computer Programming MAK404 Adaptation to Engineering MAK435 Computer Aided Engineering Analysis MAK461 Vocational English II MAK451 Introduction to Finite Element Method SOS403) Intellectual Property (SOS405) Energy Saving in Industry MAK429 Machine Laboratory II MAK431 Graduation Project
	8. Semester	EEM404 Engineering Adaptation MUH402 Innovation and Product Development MUH406 Productivity Management MUH404 Quality Control and Standards

OUR ACTIVITIES

In our university, which follows an innovative education system, our department has started the "intern engineer" program. For this purpose, in addition to the internship training they receive during 2 summer semesters, our students receive Applied Engineering Education (UME) in the last semester of their education. They gain industry experience while they are still students. During the UME, insurance fees are covered by our university.

We have signed new bilateral education and internship agreements under Erasmus. You can spend up to 10 months for education and 4 months for internship in universities in Europe with which we have an agreement. When you return, you can tell us about the education you received, your ideas are important to us.

EDUCATIONAL STAFF

Prof. Dr. Refet KARADAĞ

Prof. Dr. Cem ONAT

Prof. Dr. İsmail BOZKURT

Doç Dr. Şerif ÇİTİL

Doç. Dr. Yusuf BAŞOĞUL

Doç. Dr. Münür Sacit HERDEM

Dr. Öğr. Üyesi Kaan Emre ENGİN

Dr. Öğr. Üyesi Ali İhsan KAYA

Arş. Gör. Dr. Taha Tuna GÖKSU

Arş. Gör. Dr. Ekrem TAÇGÜN

Arş. Gör. Dr. Mahmut TANDOĞAN

Arş. Gör. Dr. Ahmet ÇETİN

Arş. Gör. Dr. İrem Cemre TÜRÜ

Arş. Gör. Dr. Mücahit ÖZCAN

Arş. Gör. Dr. Fatih KIRBIYIK

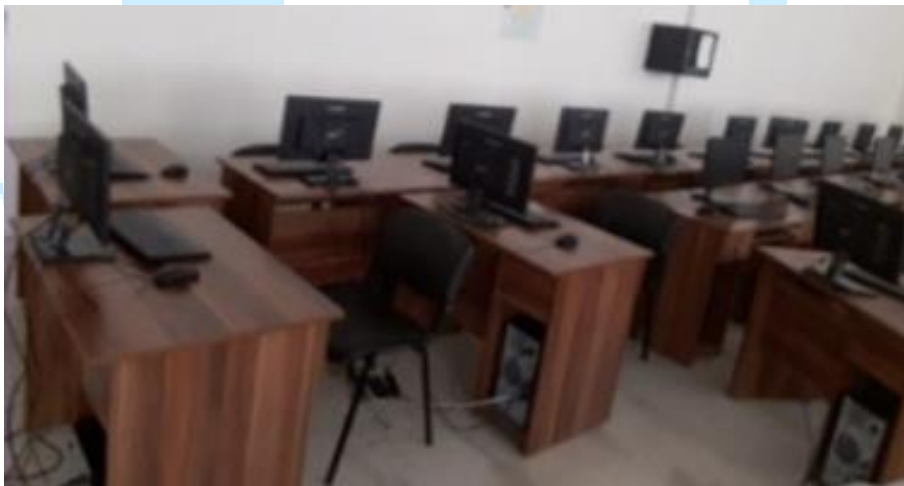
Arş. Gör. Dr. Nurdoğan CEYLAN

CLASSROOMS, LABS AND WORKSHOPS

Classrooms;



Labs;



Computer Laboratories



Thermodynamics and Energy Laboratories

Workshops;



CNC (Mechanical Workshop)



Tensile Test Machine (Mechanical Workshop)



Impact Tester and training tool (Construction and Manufacturing Workshop)

2006

CONTACT US

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