

Marmara University, Engineering Faculty, Mechanical Engineering Department was established in 1993 and accepted its first graduate students in 1994 and first undergraduate students in 1997.

MECHANICAL ENGINEERING PROGRAM MISSIONS

Educate well-qualified mechanical engineers, support for creating, managing, utilizing and expanding knowledge and technology in our country.

LABORATORIES

- Measurement Laboratory
- Computational Fluid Dynamics (CFD) Laboratory
- Computer Aided Design (CAD) Laboratory
- Internal Combustion Engine Laboratory
- Thermo-Fluids Laboratory
- Manufacturing Laboratory
- Intelligent Machines Laboratory



<http://me.eng.marmara.edu.tr/en/>



MARMARA UNIVERSITY FACULTY OF ENGINEERING



MECHANICAL ENGINEERING DEPARTMENT



CONTACT

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WHAT IS MECHANICAL ENGINEERING?

Mechanical Engineering, which is one of the oldest and broadest field of engineering discipline, deals with the design, analysis, manufacturing and maintenance of mechanical and thermal systems using physical principals and material technologies and capable of offering analytic solutions for problems by physical and mathematical modelling.

MECHANICAL ENGINEERING FIELDS OF ACTIVITY

- Computational Fluid Dynamics (CFD)
- Heat Transfer, Internal Combustion Engines
- Renewable Energy
- Machine Theory and Dynamics
- Mechanic Vibrations and Acoustics
- Construction
- Control and Automation
- Optimization
- Artificial Intelligence
- Mechatronics
- Mechanics
- Materials and Production Methods
- Nanomechanics
- Stress Analysis
- Polymers and Polymer-based Composites



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ERASMUS+ BILATERAL AGREEMENTS

- Technische Universität Clausthal (Germany)
- Università Degli Studi Di Palermo (Italy)
- ENIT (France)
- Budapest University of Technology And Economics (Hungary)
- Hochschule Hamm-Lippstadt (Germany)
- Instituto Politecnico de Lisboa (Portugal)
- Hochschule Ravensburg-Weingarten (Germany)
- Coventry University (United Kingdom)
- Fachhochschule Südwestfalen (Germany)
- Politehnica University of Bucharest (Romania)
- Université De Valenciennes et du Hainaut-Cambrésis France (France)
- Ecole Nationale D'ingénieurs de Metz (ENIM) (France)
- Hochschule Hannover-University of Applied Sciences And Arts (Germany)

EDUCATION PROGRAM

Undergraduate and graduate (MSc. and PhD) programs are launched in the Department. BSc. course structure is in line with Bologna Process.



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ACADEMIC STAFF

Energy Section

- Prof. Dr. Tanay Sıdkı UYAR
- Asst. Prof. Dr. Mustafa YILMAZ
- Asst. Prof. Dr. Candeniz SEÇKİN
- Res. Asst. Dr. M. Cem ÇELİK
- Res. Asst. Kerem N. BİNARK

Design and Manufacturing Section

- Prof. Dr. Abdülkerim KAR
- Prof. Dr. Bülent EKİCİ
- Asst. Prof. Dr. Mustafa ÖZDEMİR
- Res. Asst. Ali İmran AYTEN
- Res. Asst. Emrah UYSAL
- Res. Asst. Kerim ÖZBEYAZ
- Res. Asst. Mehmet Hakan AKYÜZ
- Res. Asst. M. Rafet ÖZDEMİR
- Res. Asst. Mehmet ŞAHBAZ
- Res. Asst. Serkan ÖĞÜT

Machine Theory, System Dynamics and Control Section

- Prof. Dr. Ertuğrul TAÇGIN
- Asst. Prof. Dr. Sina KUSEYRİ
- Asst. Prof. Dr. Uğur TÜMERDEM
- Res. Asst. Ayşenur ERDİL
- Res. Asst. Emre KAYA
- Res. Asst. Ömer DUMLUPINAR

Mechanics Section

- Prof. Dr. Paşa YAYLA
- Assoc. Prof. Dr. Aykut KENTLİ
- Res. Asst. Haluk BAYRAKTAR
- Res. Asst. Nazım EKİCİ

Thermodynamics and Heat Section

- Prof. Dr. Z. Sibel ÖZDOĞAN
- Prof. Dr. M. Zafer GÜL
- Assoc. Prof. Dr. Emre ALPMAN
- Asst. Prof. Dr. Barış YILMAZ
- Res. Asst. Hüseyin YALTIRIK
- Res. Asst. Murat YANGAZ

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WHY MARMARA UNIVERSITY MECHANICAL ENGINEERING DEPARTMENT?

- Education in English
- Experienced and qualified academic staff
- Course structure in local and global standards and in accordance with ABET and MUDEK certifications
- In-city campus location
- Close cooperation with the industry
- High possibility of finding jobs for graduates
- Education abroad via Erasmus+ program and connecting with students coming from abroad
- MSc. and PhD. opportunities abroad after graduation
- Deep-rooted history, bright future
- Social, cultural and club activities
- Warm and friendly environment
- Free wireless connection within the campus

MUDEK

Marmara University-Faculty of Engineering-Mechanical Engineering Department's BSc. program is accredited between 01 May 2014 – 30 September 2016 dates by Association for Evaluation and Accreditation of Engineering Programs (MÜDEK). Furthermore, it has been given "European Accredited Engineer Label" (EUR-ACE) during the accreditation period.



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