



Amirkabir University
of Technology
(Tehran Polytechnic)

School of **Mechanical, Aerospace & Maritime Engineering**

Department of **Mechanical Engineering**



www.me.aut.ac.ir/en

Why AUT: Here we educate engineers and give them the skills to analyze problems, design different components and types of machinery and come up with the know-how to manufacture them.



CAREER PROSPECTS:

Graduates can solve the country's industrial problems at different levels of management, launching or developing that industry.

LABORATORIES:

"Thermoelasticity" and "Energy and Control" Centers of Excellence; System Dynamics & Control Laboratory, Acoustic Laboratory,

Composite Materials Laboratory, Corrosion and Biocompatibility Laboratory, Energy Conversion Laboratory, Machining Laboratory, Mobile Robots Laboratory, Robotic & Automation Laboratory, Strength of Materials and Structural Quality Control Research Laboratory, Vibration and Control Laboratory, Welding Special Laboratory, Advanced Velocity Measurement Laboratory, Heat Transfer Laboratory, Hydraulic & Pneumatic Systems Laboratory,

	Programs			
BSc	Solid Mechanics	Thermo Fluids	Manufacturing	Production
MSc and PhD	Applied Design	Energy Conversion	Mechatronics	
	Welding Engineering	Mechanical Engineering	Manufacturing Engineering	





Amirkabir University
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School of **Mechanical, Aerospace & Maritime Engineering**

Department of **Aerospace Engineering**



www.ae.aut.ac.ir/en

Why AUT: Aerospace engineers are truly high fliers. Here you'll have the chance to work with inspiring people inside and outside the field.

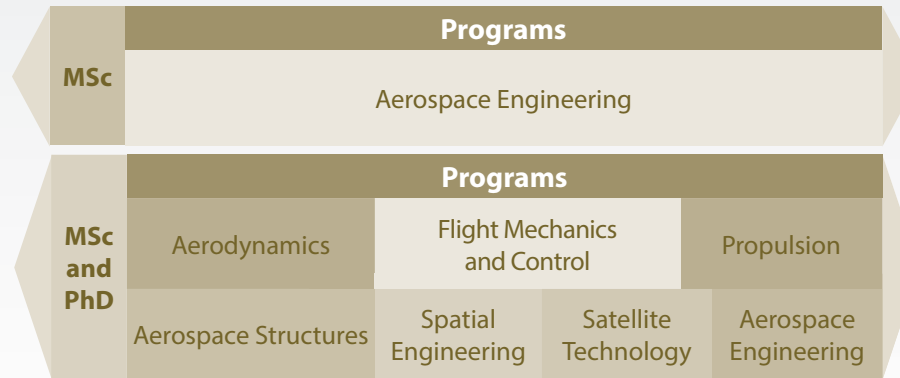


CAREER PROSPECTS:

The graduates from this department can find job opportunities in aerospace industries that produce airborne vehicles such as airplanes and helicopters or space bound vehicles such as satellites. With additional training, they can also work in airline engineering facilities or management positions.

Facilities:

flight instruments workshop, supersonic and subsonic wind tunnel, flight simulator, Composite Research Laboratory, Virtual Reality Research Laboratory, Flight Dynamics Research Laboratory, Dynamical Systems & Vibrational Research Laboratory, Aerodynamics Research Laboratory, Fuel and Combustion Research Laboratory, Fatigue and Fracture Research Laboratory, Hardware In-loop Research Laboratory, Turbulence and Two-Phase Flows, Computational Fluid Dynamics Research Laboratory, Micro Air Vehicle and Control Systems Laboratory, Research Laboratory of Aerodynamic Phenomenon Detection





Amirkabir University
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(Tehran Polytechnic)

School of **Mechanical, Aerospace & Maritime Engineering**

Department of **Maritime Engineering**



www.marinetech.aut.ac.ir/en

Why AUT: Rich culture is tied to living by the sea in our Bandar Abbas Campus located alongside the Persian Gulf.



and multipurpose activities (marine electronics and communications, navigation, steering and satellite technology).

CAREER PROSPECTS:

Alumni can work in organizations related to maritime industries such as those engaged with design, construction and manufacturing of ships, shore and offshore facilities, marine and submarine resources, sea transportation, human activities related to the environment

Laboratories:

Hydrostatics and Equilibrium, Hydromechanics Laboratory, Corrosion Laboratory, Composite Materials Laboratory, Laboratory for Strength of Materials and Marine Structures, Marine Engines Workshop, Dynamic Motion of Marine Vehicles Laboratory, Mechanics of Materials Laboratory,

