



DOKUZ EYLUL UNIVERSITY

MARITIME FACULTY

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İZMİR - TURKEY

2019



DOKUZ EYLUL UNIVERSITY
MARITIME FACULTY



**DOKUZ EYLUL
UNIVERSITY**



**MARITIME
FACULTY**



**DEPARTMENT of
MARITIME
BUSINESS
ADMINISTRATION**



**DEPARTMENT of
MARINE
TRANSPORTATION
ENGINEERING**



**DEPARTMENT of
MARINE
ENGINEERING**



**DEPARTMENT of
LOGISTICS
MANAGEMENT**

OBJECTIVES

The main objective of the Maritime Faculty is to assist the maritime interests of the country by providing education to those who will assume positions in the administrative, managerial and technical bodies of the national and international maritime institutions.





MISSION

- Dokuz Eylül University Maritime Faculty is specialized in undergraduate and graduate education in the fields of logistics, transportation, engineering and maritime business administration as well as in preparing officers for the merchant fleet within the context of maritime related interests of Turkey and the philosophy of total quality, safety, security and environment management.
- The Faculty is responsible for performing scientific research in the related disciplines as well as providing the industry with training and consultation services.
- The fundamental aim is to provide the students with maritime traditions and commons, critical and analytical thinking, self-discipline, self-confidence, social responsibility, team working, lifelong learning, managerial and leadership qualifications. With this respect employee involvement and improvement of the quality of work life are the basic principles.



HISTORY

The Faculty started education in 1988 with the title “School of Maritime Business and Management” in the body of the Dokuz Eylul University as the first higher education school in Turkey concerning maritime business. Medium of instruction of the Faculty is English and main aim is to meet the qualified manpower requirements of the Turkish maritime industry.



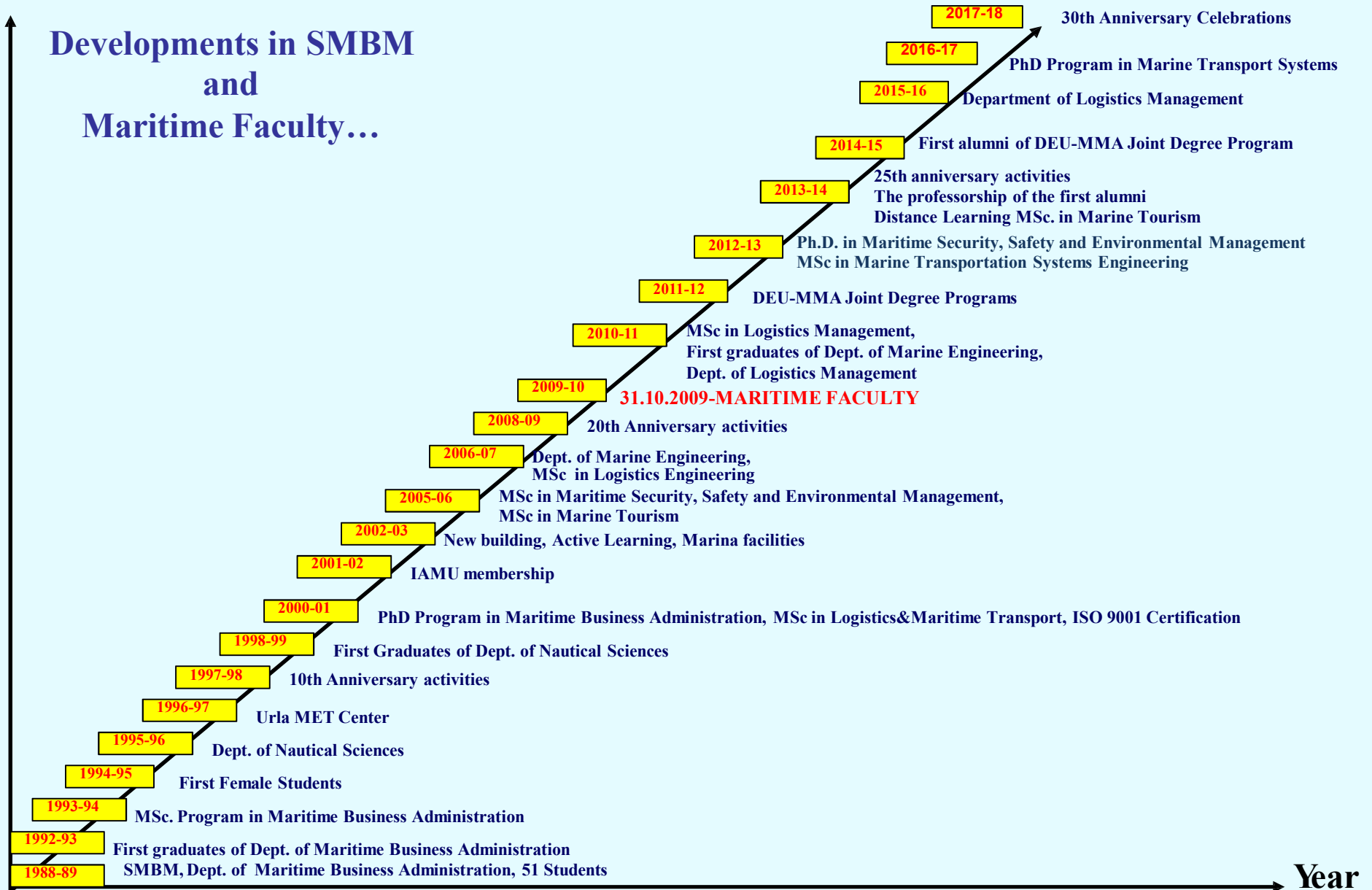


DOKUZ EYLUL UNIVERSITY

MARITIME FACULTY



Developments in SMBM and Maritime Faculty...





DOKUZ EYLUL UNIVERSITY
MARITIME FACULTY



DEPARTMENT OF MARINE ENGINEERING





DOKUZ EYLUL UNIVERSITY MARITIME FACULTY
DEPARTMENT of MARINE ENGINEERING



Department is located in Tinaztepe and Urla campuses. Curriculum covers IMO STCW 2010 A-III/1 and A-III/2 fields. The graduates have the right to sit for the Oceangoing Engineer Officer exam held by the Republic of Turkey, Ministry of Transport, Maritime Affairs and Communications.





DOKUZ EYLUL UNIVERSITY MARITIME FACULTY
DEPARTMENT of MARINE ENGINEERING



- Enrollment requirement: SAY score received on the University Entrance Exam conducted by the Assessment, Selection and Placement Center (in Turkey: OSYM), is considered in enrollment for the Department.

Current Student Numbers

Regular Education		UOLP - MMA	
Prep	56	Prep	-
Freshman	61	Freshman	-
Sophomore	42	Sophomore	-
Junior	33	Junior	-
Senior	51	Senior	-

Total number of graduates since 2011-2018 :

- 186





PROGRAM OUTCOMES

- An ability to apply knowledge of mathematics, science, and engineering to marine engineering problems
- An ability to identify, formulate, and solve engineering problems in marine engineering and related fields
- An ability to design a system, component, or process to meet desired needs
- The broad education necessary to understand the impact of marine engineering solutions, especially related to the maritime safety, health, maritime security, and marine environmental issues in a global and societal context
- An ability to analyze and interpret marine engineering related data as well as to design and conduct experimental work if necessary
- An ability to use the techniques, skills, and modern engineering and computing tools necessary for marine engineering practice
- An ability to function on same, and multi-disciplinary teams
- An ability to function independently
- A recognition of the need for, and an ability to engage in life-long learning



PROGRAM OUTCOMES

- An ability to communicate effectively orally and in writing in Maritime English/Turkish
- An understanding of professional and ethical responsibility (ABET: 3f)
- A knowledge of contemporary issues (ABET : 3j)
- A knowledge and awareness of quality issues (ABET : 3f, 3i)
- The broad education necessary to function marine engineering at operational / management level (STCWA- III/1, III/2)
- The broad education necessary to function electrical, electronics, and control engineering at operational / management levels (STCWA-III/1, III/2)
- The broad education necessary to function maintenance and repair at operational / management levels (STCWA-III/1, III/2)
- The broad education necessary to function controlling the operation of the ship and the care for person at operational / management levels (STCWA-III/1, III/2)
- An ability of leadership, and managerial skills (DEUMF)
- Commitment to Turkish Maritime traditions (DEUMF)
- A knowledge of national and international legislation (DEUMF)



INFRASTRUCTURE

Department of Marine Engineering uses a world standard Marine Engineering training center on the main campus, with its new building, as well as the Sea Training Center in Urla Izmir to carry out the academic and private courses.





DOKUZ EYLÜL UNIVERSITY MARITIME FACULTY



DEPARTMENT of MARINE ENGINEERING

FACILITIES

Ship Diesel Engine Room





Machinery Application Lab





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DEPARTMENT of MARINE ENGINEERING



Engine Room Simulator





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Machinery Lab





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Toolshop





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DEPARTMENT of MARINE ENGINEERING



Welding Lab





HVAC Lab



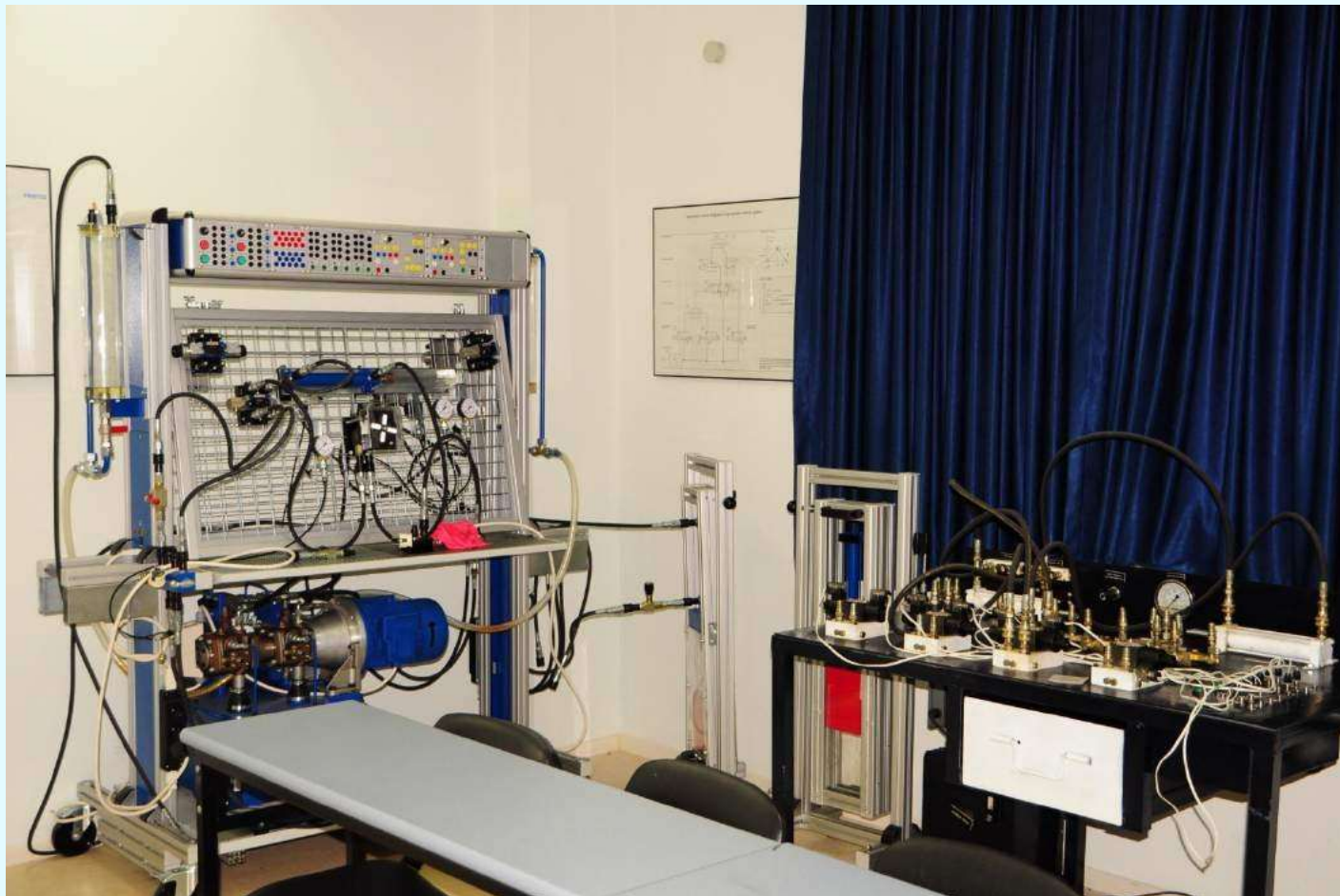


Electromechanics Lab





Hydraulics and Pneumatics Lab





DOKUZ EYLÜL UNIVERSITY MARITIME FACULTY
DEPARTMENT of MARINE ENGINEERING



Marine Engineering Computer Lab





CURRICULUM

FRESHMAN

Fall

- Mathematics I
- Physics I
- Technical Drawing I
- Maritime English I
- Survival at Sea and Life Saving Techniques I
- Marine Chemistry
- Workshop
- Basic Information Tech.
- Introduction to Nautical Science

Spring

- Mathematics II
- Physics II
- Statics
- Int. to Marine Engineering
- Survival at Sea and Life Saving Techniques II
- Technical Drawing II
- Manufacturing Methods
- Safety and Security at Sea
- Int. to Electrotechnology
- Workshop Training (3 Months)



CURRICULUM

SOPHOMORE

Fall

- Marine Electrotechnology
- Thermodynamics I
- Naval Architecture and Stability
- Material Science
- Mathematics III
- Dynamics
- Numerical Analysis
- Maritime Law
- International Maritime Conventions

Spring

- Engineering Mathematics
- Thermodynamics II
- Strength of Materials
- Marine Electronics
- Marine Eng. Operations and Maintenance I
- Marine Diesel Engines I
- Marine Aux. Machineries I
- Maritime Business Management
- Workshop Training (3 Months)



CURRICULUM

JUNIOR

Fall

- Marine Eng. Operations and Maintenance II
- Machine Design
- Marine Diesel Engines II
- Automatic Control Systems
- Heat Transfer
- Fluid Mechanics
- ERS Operation Level
- Marine Aux. Machineries II

Spring

- Seagoing Phase (6 months)



CURRICULUM

SENIOR

Fall

- Occupational Health and Safety I
- Propeller and Shafting
- Refrigeration and HVAC Systems
- Management and Leadership
- Energy Management
- Survey Procedures
- Steam and Gas Turbines
- Turkish Language

Elective (At least one course)

- Gas Machines
- Computation of Marine Diesel Engines
- Solar Energy Systems
- Fuels and Combustion Technology
- Operations Research
- Marine Engineering Projects
- Engineering Economics

Spring

- Principles of Atatürk and History of the Turkish Revolution
- Occupational Health and Safety II
- Safety and Quality Management Systems
- Hydraulic and Pneumatic Control of Systems
- Safety at Sea
- Technical Ship Management
- International Maritime Conventions
- Engine Room Resource Management
- Ship Automation Control Systems
- Diploma Project

Elective (At least one course)

- Marine Environment Protection
- Information Systems in Shipping
- Shipyard Management
- Entrepreneurship
- Maritime History
- Organizational Behavior
- Engineering Ethics



FACULTY FACILITIES



Faculty Library





Computer Lab





Cakabey Deniz Feneri Conference Hall





STUDENT ORGANIZATIONS



CLUBS

Maritime Club (1997)

Main purposes:

- * Strong relations among the faculty students,
- * Strengthening relations with the maritime industry,
- * Providing training opportunities for the students,
- * Increasing co-operation with different school in the maritime field,
- * Making contributions to development of the Turkish maritime industry.





DOKUZ EYLUL UNIVERSITY MARITIME FACULTY VOLUNTARY STUDENT ORGANIZATIONS



Maritime Club – Garden Party Weekend Events





**Maritime Club
Bowling Tournament**



**Maritime Club – New Year
Party**



**Maritime Club
Party of Izmir Bay
Tour by Passenger
Boat**



Maritime Club – Paintball



CLUBS

Urla Dokuz Eylul Water Sports and Sailing Club Association (2000)

- Sailing Club is established in 2000 by the students and academics of the faculty under the auspices of Turkish Sailing Federation. Activities of the Club are carried out at Urla Campus. Club also offers amateur seamanship courses.





DOKUZ EYLUL UNIVERSITY MARITIME FACULTY

VOLUNTARY STUDENT ORGANIZATIONS



Kayiks of Izmir





SOCIETIES

Logistics Society

The Society aims to provide a logistics platform where the students will be able to keep in touch with the recent developments in the logistics sector and also search and share information related with logistics issues.

Theatre Society (1997)

Theatre Society is a volunteer student organization which was established in 1997 and has performed four plays so far.

Maritime Ethics Society

The Society aims to provide a professional ethics platform for the students.





SOCIETIES

Music Society (1997)

Music Society was established by the students and supported by academics. Main purposes of the society are; developing the playing skills of the interested students and supporting establishment of music groups.

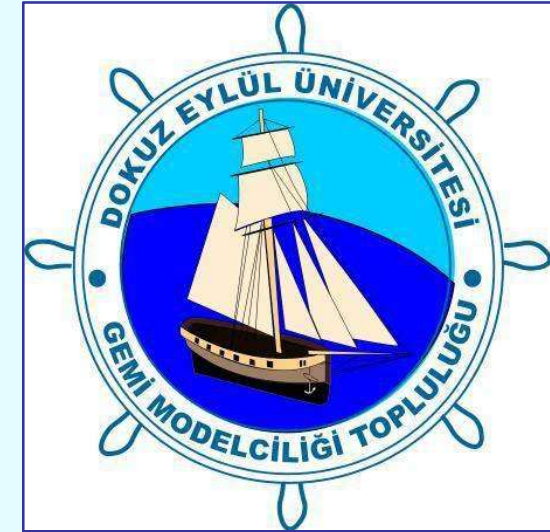
Concerts



SOCIETIES

Boat Model Makers Society (2003)

The society is aiming to promote interest in boat model making and raise enthusiasm in sea-related activities.





Solar Boat Team DIYYO-JEN



Solar Power, Electric and CPP Boat

YEŞİL EYLÜL

