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**ISTANBUL TECHNICAL UNIVERSITY
TRNC EDUCATION-RESEARCH CAMPUSES**

ITU-TRNC EDUCATION-RESEARCH CAMPUSES

Date of Establishment: 2010

Location: Famagusta / TRNC

Language of Instruction: English

Diploma: *Istanbul Technical University*

Duration of Education: 4 years undergraduate
+ 1 year English Preparatory School

Scholarship Opportunities: Full Scholarship - 50% Scholarship

Campus: English Preparatory School education will be given at ITU-TRNC Famagusta Campus; Undergraduate education will continue in Istanbul Technical University's Maslak, Tuzla, Taşkısla and Maçka campuses until the campuses in the TRNC are completed.

Academic Units:

- Computer Engineering
- Electrical and Electronics Engineering
- Economics and Finance
- Architecture
- Maritime Business Management
- Maritime Transportation Management Engineering
- Marine Engineering
- Naval Architecture and Marine Engineering
- Preparatory School of Foreign Languages

QUOTAS and ADMISSION

PROGRAMS	Full Scholarship	50% Scholarship	No Scholarship
Computer Engineering	1	1	3
Electrical and Electronics Engineering	1	1	3
Economics and Finance	1	1	3
Architecture	1	1	3
Maritime Business Management	1	1	3
Maritime Transportation Management Engineering	3	5	10
Marine Engineering	3	5	10
Naval Architecture and Marine Engineering	3	5	10
TOTAL	14	20	45
GRAND TOTAL	79		

EXAMINATIONS / HIGH SCHOOL CERTIFICATES AND MINIMUM GRADES

GCE (General Certificate of Education): A minimum grade of C in three A-Level (GCE AL) courses related to the program applied for (including TRNC Citizens).

(NOT: 1 GCE AL = 2 ASL-Advanced Subsidiary Level = 4 IGCSE-International General Certificate of Secondary Education)

SAT (Scholastic Assessment Test): 900/1600 and SAT 1- 500 / 800 Mathematics Level

ACT (American College Testing): 21/36

IB (International Baccalaureate): IB Diploma

ABITUR (German High School Proficiency): 1-3

French Baccalaureate: A minimum score of 12 out of 20 for all departments (Economics & Social Sciences and Science & Mathematics).

Austria Matura: 1-3

Albania Matura: Getting 7 out of 10.

International Science Olympics: To have a gold, silver or bronze medal from the international science Olympics recognized and participated by TÜBİTAK.

TCS (Turkish Republics and Turkish Relative Communities Exam): At least 50 points from the Basic Learning Skills Test of TCS Exam.

For country-specific exam grades, detailed information can be obtained from kktc.itu.edu.tr. Applications will be made online on the dates announced at sis.itu.edu.tr.

The applicants' documents will be evaluated by the relevant Admissions Committee.

An acceptance letter will be sent to candidates whose applications are accepted.

Evaluation of applications and placement of candidates are entirely under the authority and responsibility of the Rector's Office of ITU Education and Research Campuses, and it is free to fill or not to fill the vacant quotas. Even if a student has fulfilled all the application conditions, this does not mean that he/she will be placed in a program.

COMPUTER ENGINEERING

Computer Engineering program aims to train qualified engineers who can create solutions and produce products to meet the needs of society, institutions and industrial sector by using advanced information technologies.

Our program, which provides our students with the privilege of studying abroad and making a career afterwards, will train qualified engineers specialized in information systems and technologies, computer-based systems, software methods, telecommunication concept and infrastructure, and technology and social sciences.

Our students who choose the Computer Engineering program will receive education and be able to work in the following fields:

- *Computer networks,*
- *Data science,*
- *Statistics,*
- *Computer vision,*
- *Data mining,*
- *Artificial intelligence and robotics,*
- *Nature-inspired computing,*
- *Machine learning,*
- *Parallel and distributed computing,*
- *Bioinformatics,*
- *Software modeling and analysis.*

Our graduates will be able to work as a specialist the fields of:

- *Establishment, operation and software development applications of information systems,*
- *Computer system design in Research and Development Units (R&D),*
- *Production and designated system development in public institutions or private sector organizations.*

They will also be able to work in national and international companies that provide services such as informatics, finance, banking, health, education, energy, e-commerce, social media, telecommunications and defense industries.

Graduates of the program will be able to continue their engineering or academic studies all over the world and will also be able to start their own business.

ITU Computer Engineering Undergraduate Program is accredited by the ABET Engineering Accreditation Commission (EAC).



ELECTRICAL and ELECTRONICS ENGINEERING

With its high-level scientific and technological knowledge and 100% English language education, the Electrical and Electronic Engineering program will train students to become competitive engineers recognized internationally.

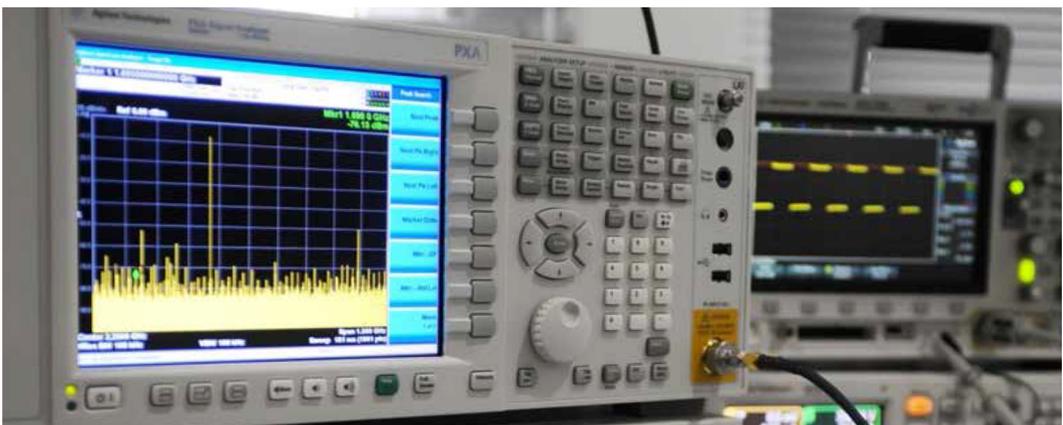
Our students will specialize in important fields such as:

- *Electric circuits and systems,*
- *Electronic,*
- *Telecommunication,*
- *Digital systems and microsystem design,*
- *Power electronics,*
- *Power systems,*
- *Electrical machines,*
- *Control systems,*
- *Computer hardware and communication systems.*

Our graduates who will reach a sufficient level in ensuring that all computer-based industrial production systems work as intended and planned will be employed in:

- *Electronic and telecommunication system manufacture companies,*
- *Energy production and distribution facilities,*
- *Telephone system operators,*
- *Military and defense technologies development institutions,*
- *Microelectronic design companies,*
- *Data transmission operators,*
- *University and high technology institutes,*
- *Television and radio institutions,*
- *Information technology departments of banks and large-scale companies,*
- *Computer manufacturing companies.*

ITU Electrical Engineering and ITU Electronics and Communication Engineering undergraduate programs are accredited by the ABET Engineering Accreditation Commission (EAC).



ECONOMICS and FINANCE

The Economics and Finance program aims to train students at the undergraduate, graduate and doctoral levels with high level scientific and technological knowledge who are ready for global competition and who can combine theory and practice.

Our students will be able to think independently by improving their abilities in research, analysis and evaluation, and specialize in;

- *Economics,*
- *Finance.*

In the program, by teaching up-to-date techniques to our students,

It is aimed to improve their ability to generate knowledge and make policy suggestions by analyzing economic and financial data.

Our graduates will be employed all over the world in many areas such as:

- *Specialization in the private sector,*
- *Audit,*
- *Foreign trade,*
- *Marketing,*
- *Management,*
- *Economy management,*
- *Finance management,*
- *Finance specialist.*

They can also be employed in public institutions such as the Central Bank, Statistic institutions and in international institutions such as the UN, EU, World Bank, banks and financial institutions.

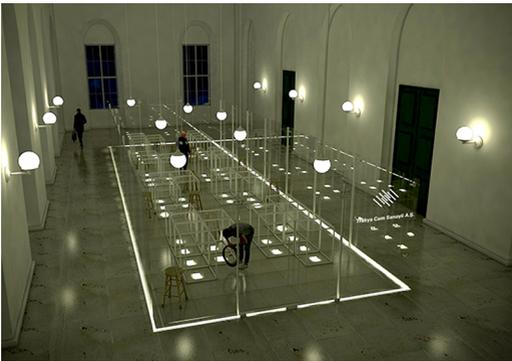


ARCHITECTURE

ITU-TRNC Architecture, which is the first "Digital Architecture" program established at the undergraduate level in Turkey and Northern Cyprus, trains students to deal with the stages of designing, analysis and planning, production and reusing together with contemporary digital technologies.

In this program, students will not only use digital technological tools and software competently in professional practice in architecture, but will also have technical knowledge and foresight in how these technologies and mathematical methods can be produced and developed.

The program has sufficient technical infrastructure, expert teaching staff and also a lesson plan that brings computer technologies such as artificial intelligence and robotics to the center of education by involving them in the design, analysis, planning and production processes.



Our students will be equipped to work with interdisciplinary teams in high-scale projects such as;

- *Social innovation,*
- *Prototype development,*
- *Software production and development.*

Our graduates will be able to work in:

- *National and international architecture offices, construction companies, material and system manufacturers and municipalities and related ministries of their country as a;*
- *Designer architect*
- *Implementation architect*
- *Site project architect*
- *Software expert architect*
- *Restoration architect*

Our graduates will also be able to open their own offices, and have many job options such as working in project and construction companies, architecture software companies, university research and development units as well working in areas ranging from video games to virtual reality applications thanks to their informatics assisted architecture education.

ITU Architecture Department is the first department to have architectural accreditation in Turkey, thanks to the accreditation given by NAAB. NAAB "substantial equivalency" certificate means that it is equivalent to US undergraduate and graduate architecture programs.

MARITIME BUSINESS MANAGEMENT

Maritime Business Management is a degree program aimed at training competent individuals in the global maritime and maritime industries such as ship management, ship finance or brokerage, maritime law, or logistics and supply chain management.

The program educates students who are able to identify and solve maritime business problems by applying the principles of management sciences, who are equipped to meet the needs of maritime stakeholders, who are aware of professional and ethical responsibilities in maritime business practices, and who can analyze and interpret data.

Our graduates can work in the relevant organizations of both private and public sectors,

Related to maritime, transportation, logistics, foreign trade and maritime tourism. They can be employed in;

- *The maritime sector,*
- *Ship enterprises,*
- *Transport business agents,*
- *Ship agencies,*
- *Ship brokers,*
- *Transport contractors,*
- *Ship food and supply businesses,*
- *Marine insurance businesses,*
- *Ports and terminals,*
- *Yacht and marina businesses,*
- *Shipyards.*

In addition, our graduates can work as middle and senior managers in institutions such as international foreign trade enterprises, logistics enterprises, and can work in the ministries and / or affiliates of countries related to maritime and other relevant ministries and governmental institutions in the public sector.



MARITIME TRANSPORTATION MANAGEMENT ENGINEERING

This program includes the A-II / 1 and A-II / 2 curriculum stipulated by the Standards of Training, Certification and Watchkeeping (STCW) contract specified in the TR Ministry of Transport and Infrastructure Seafarers and Guiding Captains Regulations.

Training is provided under the conditions required for the Unlimited Watchkeeping Officer / Ocean-Going Captain, which is needed in the maritime sector at national and international level.

The program, which will be carried out in 100% English and with uniforms, combines 4 year theoretical, practical and laboratory training with 3 month offshore internships in the summer semesters of the 1st and 2nd grades and 6 months in the spring term of the 3rd grade.

Our students, who will graduate with the title of Marine Transportation Management Engineer, will be able to start working as a "Unlimited Watchkeeping Officer" after succeeding in the qualification exams organized by;

the General Directorate of Sea and Inland Water Regulations Seafarers Examination Center (GASM) and according to their working hours, they will be able to upgrade their license up to the level of "Ocean-Going Captain".

Our graduates can work in the following fields;

- *Turkish and foreign flag vessels in national and international platforms,*
- *Maritime administration,*
- *Guide captain,*
- *Vessel Traffic Services Operator,*
- *Shipyards and marinas,*
- *Marine platforms,*
- *Maritime businesses,*
- *Brokerage,*
- *Agency,*
- *Logistics.*



MARINE ENGINEERING

The program includes the A-III / 1 and A-III / 2 curriculum stipulated by the STCW contract specified in the Turkish Seafarers Regulations. In this context, our students will receive both theoretical and practical training in ship mainmachinery (diesel machines, steam turbines, gas turbines, etc.), ship auxiliary machines (boiler, pump, separator, compressor, evaporator, etc.), and electrical electronics and ship automation as well as basic engineering training. They will also be able to follow international literature.

Education is given under the conditions required for the Unlimited Engineer Officer / Chief Engineer required in the maritime sector at national and international level.

In addition to 4 years of theoretical and practical training, students of the program receive 12 months of applied sea training and become entitled to take the "Unlimited Engineer Officer" exams organized by GASM.

Our graduates will be able to work primarily in ships of national and international maritime trade fleets;

- *Maritime companies,*
- *Offshore platforms,*
- *Ship machinery manufacturers,*
- *Energy production facilities,*
- *Ship machinery maintenance and repair companies,*
- *Shipyards,*

And in different positions in maritime businesses and factories in various sectors.



NAVAL ARCHITECTURE and MARINE ENGINEERING

In the Naval Architecture and Marine Engineering program, students are trained to design all types of marine vehicles (ships, submarines, yachts, etc.).

In addition to current design and production techniques, mathematics and engineering courses, our students receive vocational courses related to design, repair and construction processes such as; ship design, hydrodynamics, ship movement and maneuvers, shipmachinery, ship machine design and construction, ship strength, ship management, and shipyard organization. In the end, they will be able to apply them in real life.



Our students who successfully complete their education become well-equipped to perform their profession abroad easily and can continue their engineering or academic studies all over the world.

Our graduates will be able to work;

- *As an offshore engineer,*
- *As a "surveyor" or "controller" in ship classification organizations and ship insurance agencies,*
- *In the fields of ship management and planning,*
- *In ports and enterprises affiliated with the Ministry of Transport,*
- *In Diesel engine factories or country - representatives of these factories,*
- *In engineering offices,*
- *In ship and yacht design planning offices,*
- *In shipyards and marinas,*
- *In defense industry,*
- *In the project offices at the planning, projecting, construction stage or enterprises.*

ITU Department of Naval Architecture and Marine Engineering is a program accredited by ABET (Accreditation Board for Engineering and Technology). ABET is a non-profit organization centered in the United States of America, which accredits applied science, engineering, technology and information technology in higher education.



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