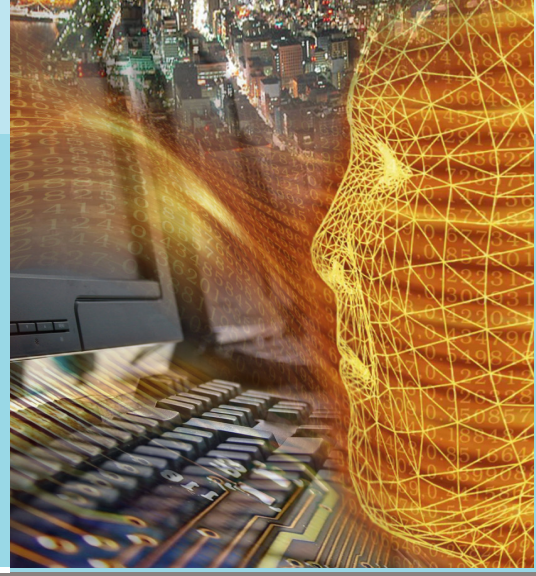




**Eastern
Mediterranean
University**

"For Your International Career"



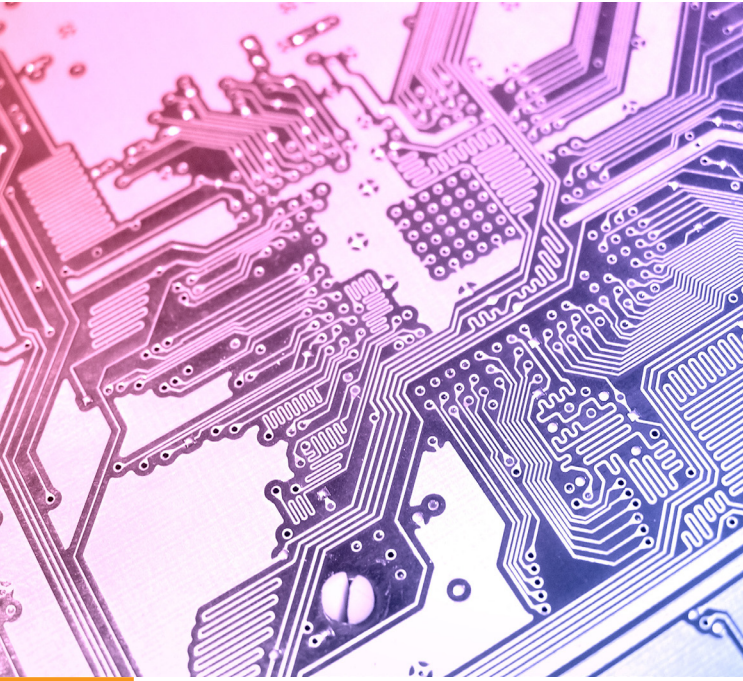
School of Computing & Technology



PROGRAMS

Information Technology

www.emu.edu.tr



Information Technology

Undergraduate Program

The Information Technology (IT) program has been offered within the School of Computing and Technology since 1994. The program is the first and only program in the Turkish Republic of Northern Cyprus that leads to a four-year BS degree in Information Technology field that blends practical and theoretical education. The medium of instruction is English. The primary aim of the program is to equip students with knowledge and skills of today's technology.

Teaching / Learning

- Innovations and development in the computer technologies and informatics are followed closely and reflected in the curriculum accordingly.
- A flexible course curriculum enriched with a large number of electives.
- Courses consist of lectures, tutorials and laboratory experiments to enforce the balance between theory and practice.
- Laboratory hours put focus on sectoral applications.
- Team-based project-oriented learning is the main theme of teaching; case studies are used to provide solid practical examples.
- Faculty members, with industrial expertise and in close contact with industry, transfer their know-how to the students.
- At the end of the third year, an internship scheme allows students to gain industrial experience in an IT related work environment during their studies.
- Students are required to form project teams and develop package programs for public and private companies as their Graduation Projects.

Departmental Facilities

- 12 multimedia classrooms/labs fully equipped with modern educational technologies.
- Latest version software programs/case tools installed in all labs.
- An additional Laboratory is devoted to the graduation project students.
- A fully equipped lab devoted for graduation project studies.
- Each student is assigned an Academic Advisor to guide him/her in the course selection process and to provide a link between the student and the department.
- An International Student Advisor is available full time to assist international students in academic, social and cultural aspects.
- A Software House student club has been established by the school to foster an environment where IT students can exchange information and views based on their IT development experiences.

Activities / Major Accomplishments

The School of Computing and Technology organizes several academic activities such as conferences and symposiums as well as social activities such as sports competitions, picnics and dinners every year.

The instructors are involved in research either by publishing papers, participating in local and international conferences or serving as graduation project advisors. Our Senior-Year students produce outstanding graduation projects among which are the software packages for the Ministry of Education, the Ministry of Health and the Ministry of Internal Affairs of the Turkish Republic of Northern Cyprus.

About the Degree Program

The first year of the program focuses mainly on the courses that enable students improve their English, and gain necessary background in mathematics, business, and computer programming techniques required in information technology. During the second and third years, students take various courses of Physical/Natural Sciences, Arts and Humanities, and Social and Behavioural Sciences as elective courses; and core courses such as computer networks, operating systems, internet programming, database and system design/programming. The fourth year consists of intensive area electives which give the students an opportunity to develop themselves in their field of interest. Finally, students are required to produce a professional graduation project as a group.

Career Opportunities and Graduates

Graduates of the program are excellent candidates for employment in IT or other relevant fields both in public and private sectors at various levels. Graduates may also pursue further studies at MS/MBA and PhD levels in IT, business, education or communication related fields as they have the required background/foundation.

Some of the popular IT positions for which the graduates qualify are as follows:

- Web Designer / Programmer / Master
- Database Designer / Administrator
- Software Engineer
- Systems Architect
- Systems Analyst / Designer
- Programmer
- Systems Tester
- Project Leader / Manager
- Network Engineer/Administrator
- Information Technology Teacher



Academics

Assist. Prof. Dr. Mustafa İlkan
 Assist. Prof. Dr. Ahmet Rızaner
 Assist. Prof. Dr. Ali Hakan Ulusoy
 Assist. Prof. Dr. Emre Özen
 Assist. Prof. Dr. Nazife Dimililer
 Assist. Prof. Dr. Alper Doğanalp
 Sen. Inst. Melek Şule Aybar
 Sen. Inst. Alev Elçi
 Sen. Inst. Raygan Kansoy
 Sen. Inst. Yeşim Kapsıl Çırak
 Sen. Inst. Hasan Oylum
 Sen. Inst. Candaş Özerek
 Sen. Inst. Birol Özkaya
 Sen. Inst. Cem Yağlı
 Sen. Inst. Akile Yuwka
 Şebnem Çoban
 Hüseyin Gürsev
 Halide Sarçizmeli

Curriculum

Year I / Fall

Communication in English I
 Introduction to Computers & Information Technologies
 Introduction to Business
 Algorithms and Programming Techniques
 Basic Mathematics I

Year II / Fall

Data Structures and Applications
 Client-Side Internet and Web Programming
 Computer Organization and Architecture
 Digital Logic Design
 University Elective I

Year III / Fall

System Analysis
 Computer Networks
 Introduction to Statistics
 Database Programming
 Server-Side Internet and Web Programming

Year IV / Fall

Management Information Systems
 Area Elective III
 Area Elective IV
 Area Elective V
 Area Elective VI
 Graduation Project Orientation
 Summer Training

Year I / Spring

Communication in English II
 Basic Mathematics II
 Structured Programming
 Basic Economics
 Introduction to Multimedia
 Turkish as a Foreign Language/
 History of Turkish Reforms

Year II / Spring

Operating Systems
 Object Oriented Programming
 Database Management Systems
 Rich Internet Application (RIA) Development
 University Elective II

Year III / Spring

System Programming
 Multi Platform Programming
 System Design
 Area Elective I
 Area Elective II

Year IV / Spring

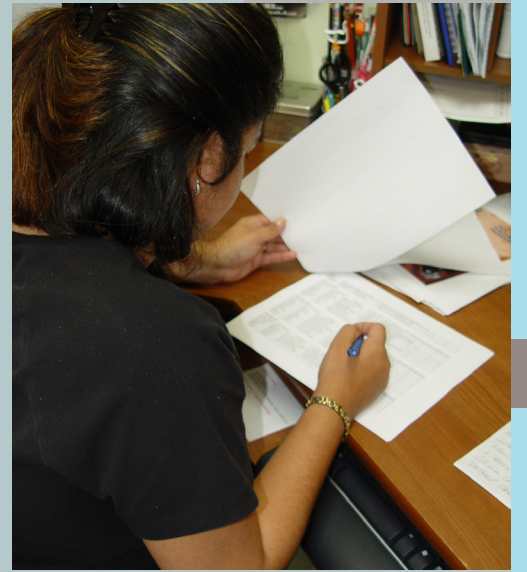
Area Elective VII
 Area Elective VIII
 Area Elective IX
 University Elective III
 Graduation Project

School	Computing and Technology
Program	Information Technology
Degree	Bachelor of Science
Duration	4 years
Medium of Instruction	English
Graduate Degree	Available
Tel	+ 90 392 630 1245
Fax	+ 90 392 365 1574
e-mail	sct.info@emu.edu.tr
Web	http://sct.emu.edu.tr
Application	http://www.emu.edu.tr/ registrarsoffice/registraroffice.aspx

Further Information and Liaison Offices
<http://www.emu.edu.tr/contactus/liaisonoffices.aspx>



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