



**TECHNICAL
UNIVERSITY
OF CRETE**

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TECHNICAL UNIVERSITY OF CRETE

► www.tuc.gr

The Technical University of Crete was founded in 1977 and admitted its first students in 1984. The Institution provides undergraduate and graduate studies in modern engineering fields. TUC is a small, young, dynamic University with a clear mission: to expand knowledge and benefit society through research integrated with education. In this endeavour, the pursuit of excellence is the driving force. More than 50 laboratories with prime equipment, high technology infrastructure and eminently qualified personnel, as well as 120 faculty and staff members with international academic background attest to the level of excellence in education and research conducted at the University. This profile ranks the Technical University of Crete amongst the most prominent research institutions in Greece.

Schools

TUC comprises five Schools that grant engineering degrees upon completion of a five-year course.

School of Production Engineering and Management (1984)

► www.pem.tuc.gr

The School places emphasis on modern technologies, production systems, management and decision-making, finance, operational research as well as ergonomic design, control systems, materials, mechatronics and robotics. The curriculum provides a solid foundation in mathematics, physics, mechanics and informatics. It also provides a comprehensive engineering education while allowing students to focus on specific areas in Production Engineering and Management.

School of Mineral Resources Engineering (1987)

► www.mred.tuc.gr

The primary goal of the School is to educate engineering students on a broad range of scientific and technical issues related to the extraction and processing of minerals. The coursework focuses, in particular, on industrial minerals and energy resources. The changing demand for minerals has influenced the development and application of modern methods for exploration and exploitation. Dynamic changes in market conditions and the technology currently available have generated the need to train engineering students to be able to successfully face new challenges. Hence, the courses offered in the School aim to deliver a balanced mixture of fundamental skills and knowledge in specialized fields to ensure that graduates have the expertise and flexibility required for success in a competitive global market.

School of Electrical and Computer Engineering (1990)

► www.ece.tuc.gr

The curriculum of the ECE School aims at a high quality theoretical education and hands-on training of engineers in modern technology subjects such as electronics, control systems, computer science, energy and telecommunications. The goal is for students to develop the theoretical background that will allow them to understand the fundamentals of the above technologies in depth so that they will be able to effectively cope with the demands of these rapidly changing fields.

School of Environmental Engineering (1997)

► www.enveng.tuc.gr

The objectives of the Environmental Engineering School are to provide advanced education of a high standard in environmental science and engineering and to prepare qualified engineers capable of contributing to the measurement, monitoring, assessment, and treatment of problems caused by human intervention in the environment. The mission of the School is to offer courses at undergraduate and graduate levels, advance multi-disciplinary research on environmental issues, and provide environmental services to society and to the scientific community.

School of Architecture (2004)

► www.arch.tuc.gr

The School aims to educate and highly train students across a wide spectrum of knowledge covering subjects in art, technology and science, and connecting theory and design. Its mission is the cultivation and promotion of knowledge through teaching and research in the scientific fields of architecture, urban design and planning, architectural technology, preservation and monument restoration, as well as the environmental-ecological dimension of architectural design. The curriculum covers the above subject areas with courses in Architectural Design, Urban design and Planning, Digital Technologies in Architectural Design, History and Theory of Architecture and Art, Landscape Architecture, History of City and Urban Design, Architectural Technology, Visual Arts, Restoration of Buildings. It is also supplemented with courses in natural and social sciences.





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