



School of Electrical and Computer Engineering – AUTH

Courses offered in English for incoming Erasmus+ Students,

Starting 2016-17

The School of Electrical and Computer Engineering of the Aristotle University of Thessaloniki, welcomes European and international students. The incoming students who are not fluent in Greek have the opportunity to choose a limited number of undergraduate or postgraduate courses, taught completely in English, summarized in Tables I and II respectively.

All the other undergraduate courses are taught in an individual study scheme according to which the students are provided with teaching material in English (overheads and/or class notes, literature), a detailed study scheme, regular/weekly meeting with the faculty members and project work. Finally they are examined in English.

Furthermore, they have the option to work on a project towards a B.Sc. or M.Sc. Thesis. In this case it is necessary to consult the individual faculty members (<http://ee.auth.gr/en/school/faculty-staff/>) and come to an agreement with them prior to their arrival.

Finally, the School accepts candidates to carry out research work leading to the award of a Ph.D degree, postdoctoral researchers and academic staff in the research fields listed in Table III.

Table I: Bachelor Degree Courses offered in English

Odd/fall semesters run from October to mid-February (examination period included)

Even/spring semesters run from mid-February to the end of June (examination period included)

Semester	Course Title	ECTS	Contact Person	Web Page
7 th	Parallel and Distributed Computer Systems	5	Nikolaos Pitsianis	http://qa.auth.gr/en/class/1/600008398
9 th	Pattern Recognition	5	Andreas Symeonidis	http://qa.auth.gr/en/class/1/600008311
7 th	Microwaves I	5	Traianos Gioultsis	http://qa.auth.gr/en/class/1/600008391
8 th	Topics in Antennas – Antenna Synthesis	5	Traianos Gioultsis Thomas Xenos Zacharias Zacharis	http://qa.auth.gr/en/class/1/600010215
9 th	Industrial Informatics	4	Georgios Chasapis	http://qa.auth.gr/en/class/1/600008325
7 th	Operating Systems	4	Georgios Chasapis	http://qa.auth.gr/en/class/1/600008386
2 nd	Computer Organization	5	Nikolaos Pitsianis	https://qa.auth.gr/en/class/1/600014134
1 st	Computer Aided Design Techniques	4	Asterios Tolidis	https://qa.auth.gr/en/class/1/600062426

Table II: Master Degree courses offered in English

Odd (even) semester numbers correspond to fall (spring) semesters.

Semester	Course Title	ECTS	Contact Person	Web Page
Spring	Virtual Reality Systems	5	Dimitrios Tzovaras	http://qa.auth.gr/en/class/2/79125
Fall	Network Computing and Application Development Environments	5	Georgios Chasapis	http://qa.auth.gr/en/class/2/79325
Spring	Data Bases and Knowledge Mining	5	Andreas Symeonidis	http://qa.auth.gr/en/class/2/79123
Spring	Human-Computer Interaction	5	Dimitrios Tzovaras	http://qa.auth.gr/en/class/2/79116

Table III: Research Fields

Smart Grids
High Performance Computing
Parallel Processing and Algorithms
Embedded Systems
Antennae and Electromagnetic Wave Propagation
Computational Electromagnetics
High Voltage Engineering
Probability Theory and Statistics
Robust Estimation in regression and it application in optic flow, computer vision, pattern recognition and portfolio optimization