



COURSES OFFERED IN ENGLISH LANGUAGE 2023/2024

Semester A: from September to February

Semester B: from February to June

Other courses can be also offered in English upon consultation with the instructor



UNIVERSITY OF
WESTERN MACEDONIA

Department	Code	Course Name	ECTS Credits	Link	Semester
Electrical and Computer Engineering	MK7	English I (English for Electrical and Computer Engineers)	2	Syllabus	1st/A
Electrical and Computer Engineering	MK18-H	Electrical Circuits I	5	Syllabus	2nd /B
Electrical and Computer Engineering	MK10	Object Oriented Programming I	5	Syllabus	2nd /B
Electrical and Computer Engineering	MK17	Algorithms and Data Structures	5	Syllabus	3rd /A
Electrical and Computer Engineering	MK14	English II (Academic Skills)	5	Syllabus	4th /B
Electrical and Computer Engineering	MK23	Signal and System Theory	4	Syllabus	4th /B
Electrical and Computer Engineering	MK3	Electromagnetism	5	Syllabus	4th /B
Electrical and Computer Engineering	MKH7	Introduction to Electrical Power Systems	6	Syllabus	5th/A
Electrical and Computer Engineering	MK29-H	Communication Systems	5	Syllabus	6th/B
Electrical and Computer Engineering	MKH9	Electrical Machines I	5	Syllabus	6th/B
Electrical and Computer Engineering	E22	Microprocessors	5	Syllabus	6th/B
Electrical and Computer Engineering	MK19-H	Computer Networks	5	Syllabus	6th/B
Electrical and Computer Engineering	E47	Digital Electronics	5	Syllabus	7th/A
Electrical and Computer Engineering	ETH1	Electromagnetic Compatibility	5	Syllabus	7th/A
Electrical and Computer Engineering	YEH3	Power Electronics I	5	Syllabus	7th/A
Electrical and Computer Engineering	EH2	English III (Academic Writing)	5	Syllabus	7th/A
Electrical and Computer Engineering	E27	Special Assignment	5	Syllabus	7th/A
Electrical and Computer Engineering	ETH10	Basic Principles of the Internet of Things	5	Syllabus	7th/A
Electrical and Computer Engineering	EEH1	Renewable energy sources	5	Syllabus	8th/B
Electrical and Computer Engineering	E15	Biomedical Technology	5	Syllabus	8th/B
Electrical and Computer Engineering	EYH6	Machine Learning	5	Syllabus	8th/B
Electrical and Computer Engineering	E3	Next Generation Networks and Services	5	Syllabus	9th/A
Electrical and Computer Engineering	EEH15	Introduction to Smart Grids	5	Syllabus	9th/A
Electrical and Computer Engineering	E35	Management and Optimization of Communication Networks	5	Syllabus	9th/A