



University of West Attica
School of Engineering
Mechanical Engineering Department

COURSES OFFERED IN ENGLISH

NUM	COURSE TITLE	ECTS	SEMESTER	LECTURER	CONTACT DETAILS	MODULE CONTENT
1	PHYSICS	5,5	1 st	G. NICOLAIDES	https://mech.uniwa.gr/en/profile/nikolaidis-georgios/	https://mech.uniwa.gr/en/course/physics/
2	COMPUTER AIDED MECHANICAL DESIGN I (CAD I)	3,0	1 st	Z. KANETAKI	https://mech.uniwa.gr/en/profile/kanetaki-zoi/	https://mech.uniwa.gr/en/course/computer-aided-mechanical-design-i-cad-i/
3	MECHANICS II	4,5	2 nd	A. VAIRIS	https://mech.uniwa.gr/en/profile/vairis-achilles/	
4	TECHNOLOGY OF METALLIC MATERIALS	6,0	3 rd	C. MEDREA	https://mech.uniwa.gr/en/profile/mentrea-carmen/	https://mech.uniwa.gr/en/course/technology-of-metallic-materials/
5	NUMERICAL METHODS	6,5	4 th	I. SARRIS	https://mech.uniwa.gr/en/profile/sarris-ioannis/	https://mech.uniwa.gr/en/course/numerical-methods/
6	FLUID FLOW MACHINES	6,0	5 th	I. SARRIS	https://mech.uniwa.gr/en/profile/sarris-ioannis/	https://mech.uniwa.gr/en/course/fluid-flow-machines/
7	HEAT TRANSFER	5,0	5 th	K.-S. NIKAS	https://mech.uniwa.gr/en/profile/nikas-konstantinos-stefanos/	https://mech.uniwa.gr/en/course/heat-transfer/
8	ADVANCED MATERIALS TECHNOLOGY	6,5	6 th	G. NICOLAIDES	https://mech.uniwa.gr/en/profile/nikolaidis-georgios/	https://mech.uniwa.gr/en/course/advanced-materials-technology/
9	ENGINEERING ECONOMICS	6,5	6 th	E. KONDILI CH. PAPAPOSTOULOU	https://mech.uniwa.gr/en/profile/kondyli-aimilia/ https://mech.uniwa.gr/en/profile/papapostolou-christiana/	https://mech.uniwa.gr/en/course/techno-economic-analysis/
10	MANUFACTURING PROCESSES	5,5	7 th	A. VAIRIS	https://mech.uniwa.gr/en/profile/vairis-achilles/	https://mech.uniwa.gr/en/course/manufacturing-processes/
11	ELECTRICAL HYDRAULICS AND PNEUMATIC MOTION SYSTEMS	4,0	7 th	M. PAPOUTSIDAKIS	https://aidl.uniwa.gr/michail-papoutsidakis/	https://mech.uniwa.gr/en/course/electrical-hydraulic-and-pneumatic-motion-systems-2/
12	RENEWABLE ENERGY SOURCES	5,0	7 th	K. KAVADIAS	https://mech.uniwa.gr/en/profile/kavvadias-kosmas/	https://mech.uniwa.gr/en/course/renewable-soft-energy-sources/
13	ENGINEERING FAILURE ANALYSIS	4,0	8 th	C. MEDREA	https://mech.uniwa.gr/en/profile/mentrea-carmen/	https://mech.uniwa.gr/en/course/engineering-failure-analysis/
14	3D PRINTING	7,0	9 th	C. STERGIOU	https://mech.uniwa.gr/en/profile/stergiou-constantinos/	https://mech.uniwa.gr/en/course/additive-manufacturing-3d-printing/
15	AIR POLLUTION	7,0	9 th	K. MOUSTRIS	https://mech.uniwa.gr/en/profile/moustris-konstantinos/	https://mech.uniwa.gr/en/course/air-pollution/
16	HYBRID ENERGY SYSTEMS	3,0	9 th	K. KAVADIAS D. ZAFEIRAKIS	https://mech.uniwa.gr/en/profile/kavvadias-kosmas/ https://mech.uniwa.gr/en/profile/zafeirakis-dimitrios/	https://mech.uniwa.gr/en/course/hybrid-systems-of-energy-generation/
17	INTRODUCTION TO COMPUTATIONAL FLUID DYNAMICS	4,5	9 th	I. SARRIS	https://mech.uniwa.gr/en/profile/sarris-ioannis/	https://mech.uniwa.gr/en/course/introduction-to-computational-fluid-dynamics/
18	MECHATRONICS	7,0	9 th	G. CHAMILOTHORIS	https://mech.uniwa.gr/en/profile/chamilothoris-george/	https://mech.uniwa.gr/en/course/mechatronics/
19	REVERSE ENGINEERING	4,5	9 th	C. STERGIOU	https://mech.uniwa.gr/en/profile/stergiou-constantinos/	https://mech.uniwa.gr/en/course/reverse-engineering/
20	SUPPLY CHAIN MANAGEMENT	4,5	9 th	E. KONDILI CH. PAPAPOSTOULOU	https://mech.uniwa.gr/en/profile/kondyli-aimilia/ https://mech.uniwa.gr/en/profile/papapostolou-christiana/	https://mech.uniwa.gr/en/course/supply-chain-management/
21	DISSERTATION	30,0	10 th	G. CHAMILOTHORIS K.-S. NIKAS K. KAVADIAS C. MEDREA A. VAIRIS	https://mech.uniwa.gr/en/profile/chamilothoris-george/ https://mech.uniwa.gr/en/profile/nikas-konstantinos-stefanos/ https://mech.uniwa.gr/en/profile/kavvadias-kosmas/ https://mech.uniwa.gr/en/profile/mentrea-carmen/ https://mech.uniwa.gr/en/profile/vairis-achilles/	https://mech.uniwa.gr/en/course/final-year-thesis/