



Universidad de Oviedo

COURSES TAUGHT IN ENGLISH. ACADEMIC YEAR 2024/25. BACHELOR DEGREES

Escuela Politécnica de Ingeniería de Gijón						
Bachelor's Degree in Mechanical Engineering						
CODE	COURSE	YEAR	CREDITS	TYPE	TERM	ENGLISH GROUPS
GIMECA01-1-001	Calculus	1º	6.0	Core	First Semester	X
GIMECA01-1-002	Numerical Methods	1º	6.0	Core	Second Semester	X
GIMECA01-1-003	Foundations of Computer Science	1º	6.0	Core	First Semester	X
GIMECA01-1-004	Linear Algebra	1º	6.0	Core	First Semester	X
GIMECA01-1-005	Business	1º	6.0	Core	First Semester	X
GIMECA01-1-006	Statistics	1º	6.0	Core	Second Semester	X
GIMECA01-1-007	Graphic Expression	1º	6.0	Core	Second Semester	X
GIMECA01-1-008	Mechanics and Thermodynamics	1º	6.0	Core	First Semester	X
GIMECA01-1-009	Waves and Electromagnetism	1º	6.0	Core	Second Semester	X
GIMECA01-1-010	Chemistry	1º	6.0	Core	Second Semester	X
GIMECA01-2-001	Strength of Materials	2º	6.0	Compulsory	First Semester	X
GIMECA01-2-002	Theory of Machines and Mechanisms	2º	6.0	Compulsory	Second Semester	X
GIMECA01-2-003	Materials Science	2º	6.0	Compulsory	Second Semester	X
GIMECA01-2-004	Advanced Calculus	2º	6.0	Compulsory	First Semester	X
GIMECA01-2-005	Automation and Control Systems	2º	6.0	Compulsory	Second Semester	X
GIMECA01-2-006	Electronic Technology	2º	6.0	Compulsory	Second Semester	X
GIMECA01-2-007	Manufacturing Processes	2º	6.0	Compulsory	First Semester	X
GIMECA01-2-008	Fluid Mechanics	2º	6.0	Compulsory	Second Semester	X
GIMECA01-2-009	Thermal Engineering	2º	6.0	Compulsory	First Semester	X
GIMECA01-2-010	Electrical Engineering Fundamentals	2º	6.0	Compulsory	First Semester	X
GIMECA01-3-001	Environmental Engineering	3º	6.0	Compulsory	Second Semester	X
GIMECA01-3-003	Fluid Machinery and Systems	3º	6.0	Compulsory	First Semester	X
GIMECA01-3-004	Applied Heat Transfer	3º	6.0	Compulsory	First Semester	X
GIMECA01-3-007	Machine Design	3º	6.0	Compulsory	First Semester	X
GIMECA01-3-008	Industrial Drawing	3º	6.0	Compulsory	First Semester	X
GIMECA01-3-009	Theory of Structures and Industrial Constructions	3º	6.0	Compulsory	Second Semester	X
GIMECA01-3-011	Operations Management	3º	6.0	Compulsory	Second Semester	X
GIMECA01-4-001	Industrial Facilities	4º	6.0	Optional	First Semester	X
GIMECA01-4-008	Fluid Power: Hydraulic and Pneumatic Technologies	4º	6.0	Optional	First Semester	X
GIMECA01-4-018	Techniques for Oral and Written Expression in English	4º	6.0	Optional	Second Semester	X
GIMECA01-4-023	External Practices	4º	6.0	Optional	Second Semester	X
GIMECA01-4-024	Graduation Final Work	4º	12.0	Degree Final Project	Second Semester	X