



COURSES TAUGHT IN ENGLISH. ACADEMIC YEAR 2023/24. 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 | |