



Polytechnic Institute of Coimbra (P COIMBRA 02)
Coimbra Institute of Engineering - ISEC
Mechanical Engineering Department

ECTS CATALOGUE

The main language of instruction at Coimbra Institute of Engineering is Portuguese. However, some courses from degree and master programs can be offered in English and/or with a tutorial support in English.

The ECTS catalogue includes subject contents in English Language. The Students can choose subjects from this Catalogue to the study plan proposal (Learning Agreement) to be analyzed carefully by the Departmental Coordinators and to be adjusted, after the student's arrival, if necessary.

This ECTS catalogue contains information which is valid for this academic year. ISEC reserves the right to adjust the courses offered during the academic year and is not responsible for typing errors or printing mistakes.

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MASTER - Mechanical Equipment and Systems Course

Code	Title - Portuguese	Title - English	ECTS	Term
1.º ano / 1st Year				
636101	Métodos Computacionais em Engenharia	Computational Methods in Engineering	6	Autumn
636102	Instrumentação e Controlo	Instrumentation and Control	6	Autumn
636103	Estruturas Mecânicas	Mechanical Structures	6	Autumn
636104	Desgaste e Corrosão	Wear and Corrosion	6	Autumn
636111	Termodinâmica Aplicada	Applied Thermodynamics	6	Autumn
636113	Comportamento Térmico e Acústico de Edifícios	Thermal and Acoustic Behavior of Building	6	Autumn
636105	Análise de Vibrações	Vibration Analysis	6	Autumn
636105	Comportamento dos Materiais em Serviço	Mechanical Behavior of Materials in Service	6	Spring
636118	Redes de Fluidos	Fluid Networks	6	Spring
636106	Tecnologias de Fabrico	Manufacturing Technologies	6	Spring
636107	Seleccção de Materiais	Materials Selection	6	Spring
636108	Cálculo Automático de Sistemas Mecânicos	Computer Aided Analysis of Mechanical Systems	6	Spring
636110	Equipamentos Industriais	Industrial Equipments	6	Spring
636114	Equipamentos Térmicos	Thermal Equipments	6	Spring
636115	Instalações de AVAC	HVAC Installations	6	Spring
636116	Instalações Frigoríficas	Refrigeration Systems	6	Spring
636117	Energia e Ambiente	Energy and Environment	6	Spring
636112	Energias Alternativas	Alternative Energies	6	Spring
2.º ano / 2nd Year				
636119	Projecto ou Estágio	Project or Internship	60	Anual