



THE ICAI SCHOOL OF ENGINEERING
CAMPUS ALBERTO AGUILERA 25 - MADRID



ICAI-SPECIFIC COURSES OFFERED IN ENGLISH 2013-2014

SUBJECT/COURSE	DEPARTMENT	ECTS/ Credits	FALL	SPRING	DEGREE	LEVEL	AVAILABILITY
Business Economics	Industrial Organization	6	YES	YES	IEM/ITL	UNDERGRADUATE	2012-2013
Sustainable Development	Industrial Organization	3		YES	Elective	UNDERGRADUATE	2012-2013
Environmental and Renewable Energy Policy	Industrial Organization	3		YES	MASTER	MASTER	2012-2013
Energy Economics	Industrial Organization	4.5		YES	Elective	UNDERGRADUATE	2012-2013
Career Paths and Essential Soft Skills for Success	Industrial Organization	3		YES	Elective	UNDERGRADUATE	2012-2013
Intelligent Data Analysis	Industrial Organization	3	YES		MASTER	MASTER	2013-2014
Deterministic Optimization	Industrial Organization	3	YES		MASTER	MASTER	2013-2014
Simulation Methods	Industrial Organization	3		YES	MASTER	MASTER	2013-2014
Fundamentals of Computer Science	Computer Engineering	7.5	YES	YES	IEM/ITL	UNDERGRADUATE	2012-2013
Advanced Computing Tools for Applied Research	Computer Engineering	3	YES		MASTER	MASTER	2012-2013
Electric Power Systems	Electrical Engineering	6	YES		MASTER	MASTER	2012-2013
Fundamentals on Electrical Engineering and Optimization Techniques	Electrical Engineering	3	YES		MASTER	MASTER	2012-2013
Wholesale and Retail Electricity Markets	Electrical Engineering	6		YES	MASTER	MASTER	2012-2013
Dynamic Systems	Electronics & Automation	4.5		YES	IEM	UNDERGRADUATE	2012-2013
Control Engineering	Electronics & Automation	6	YES		IEM	UNDERGRADUATE	2012-2013
Power and Energy	Electronics & Automation	4.5		YES	ITL	UNDERGRADUATE	2012-2013
Heat Transfer	Mechanical Engineering	4.5	YES		IEM	UNDERGRADUATE	2012-2013
Structural Analysis	Mechanical Engineering	6	YES		IEM	UNDERGRADUATE	2013-2014
Metrology	Mechanical Engineering	4.5	YES		IEM	UNDERGRADUATE	2013-2014
Renewable Energies	Mechanical Engineering	4.5	YES		Elective	UNDERGRADUATE	2012-2013
Nanotechnology. Applications to the Energy Sector	Mechanical Engineering	3		YES	Elective	UNDERGRADUATE	2012-2013
Automotive Engines	Mechanical Engineering	3		YES	Elective	UNDERGRADUATE	2012-2013

Updated: 19/March/2013 – 12:30

International one-semester exchange students may select annual courses, receiving only half of the course credits.