THE OFFICIAL DEGREE ON INTELLIGENT SYSTEMS AND NUMERICAL APPLICATIONS IN ENGINEERING

Professors and Coordinators of Subjects (2012-2013)

Subject	Professor
Mathematical basics (FM)	**Luis González** (1 ECTS) Fernando Espiau (2 ECTS)
Programming and prototyping (PP)	**Daniel Hernández Sosa** (2 ECTS) José María Escobar (1 ECTS)
Numerical methods in computational engineering (MNIC)	**Gabriel Winter** (1.5 ECTS) Blas Galván (3 ECTS)
Methodology of the R+D and scientific and technical documents (MID)	**Javier Lorenzo** (1 ECTS) Luis Alberto Padrón (1 ECTS) Antonio Falcón Martel (1 ECTS)
Numerical simulation methods (MSN)	**Rafael Montenegro Armas** (3 ECTS) José María Escobar (1.5 ECTS) José María Emperador Alzola (1.5 ECTS)
Optimization in engineering (DOI)	**David Greiner** (3 ECTS in English) Begoña González (0.75 ECTS) Gabriel Winter (0.75 ECTS)
Enviromental engineering modelling (MIM)	**Rafael Montenegro Armas** (1.5 ECTS) Begoña González (0.75 ECTS) Gabriel Winter (0.75 ECTS)
Dynamic structures (DE)	**Luis Padrón Hernández** (3 ECTS)
Numerical simulation of elastodynamics (SNE)	**Juan Aznárez** (1 ECTS) Orlando Maeso (1 ECTS) Luis Padrón Hernández (1 ECTS)
Accounting and risk analysis (CAR)	**Blas Galván** (1 ECTS) Luis González (1 ECTS) Ricardo Aguasca (1 ECTS)
Intelligent computation (CI)	**Mario Hernández** (3 ECTS) Cayetano Guerra (1 ECTS) Ricardo Aguasca (0.5 ECTS) José Juan Hernández Cabrera (1.5 ECTS)
Data treatment, manage and exploration (MD)	**Javier Lorenzo** (4 ECTS) Mario Hernández (2 ECTS)
Perception systems (SP)	**Modesto Castrillón** (1 ECTS) Jorge Cabrera Gámez (1 ECTS) Mario Hernández (1 ECTS)
Autonomous intelligent systems (SA)	**Josep Isern González** (1 ECTS) Daniel Hernández Sosa (1 ECTS) Antonio Carlos Domínguez Brito (1 ECTS)
Scientific instrumentation (IC)	Jorge Cabrera Gámez (1 ECTS) Daniel Hernández Sosa (0.5 ECTS)

	Antonio Carlos Domínguez Brito (1.5 ECTS)
Parallel computing (CP)	**Eduardo Rodríguez Barrera** (1.5 ECTS) Domingo Benítez Díaz (1 ECTS)
Master thesis (TFM	**Modesto Castrillón** (1.8 ECTS)