

Intensificacion	Curso	Codigo	Asignatura	ECTS	Guia docente
Aeronaves	2	143003011	Aerodinamica Aplicada y no Estacionaria	6	[ver]
Aeronaves	2	143003012	GNC y Optimizacion de Trayectorias de Misiles	4,5	[ver]
Aeronaves	2	143003013	Helicopteros	6	[ver]
Aeronaves	2	143003014	Sistemas Aereos no Tripulados	4,5	[ver]
Aeronaves	2	143003015	Sistemas de Control de Vuelo	4,5	[ver]
Aeronaves	2	143003016	Sistemas Eolicos Terrestres y Oceanicos	4,5	[ver]

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Vehiculos	2	143003021	Aerodinamica Hipersonica	4,5	[ver]
Vehiculos	2	143003022	Astrodinamica y Dinamica de Actitud	6	[ver]
Vehiculos	2	143003023	Control Termico Espacial	4,5	[ver]
Vehiculos	2	143003024	El Entorno Espacial	4,5	[ver]
Vehiculos	2	143003025	Ingenieria de Sistemas y Diseño Preliminar de Vehiculos Espaciales	6	[ver]
Vehiculos	2	143003026	Segmentos de Tierra y Lanzamiento	4,5	[ver]

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Propulsion	2	143003031	Combustion	3	[ver]
Propulsion	2	143003032	Contaminacion de Sistemas Propulsivos	4,5	[ver]
Propulsion	2	143003033	Fundamentos Fisicos de los Motores Cohete por Aceleracion de Plasma	3	[ver]
Propulsion	2	143003034	Metodologias de Diseño Avanzado	4,5	[ver]
Propulsion	2	143003035	Plantas de Potencia Alternativas para Propulsion Aerea	3	[ver]
Propulsion	2	143003036	Propulsion Espacial	4,5	[ver]
Propulsion	2	143003037	Tecnicas Experimentales de Mecanica de Fluidos	3	[ver]
Propulsion	2	143003038	Turbomaquinas	4,5	[ver]

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SA y TA	2	143003041	Desarrollo del Concepto Operacional en Gestion del Trafico Aereo	5	[ver]
SA y TA	2	143003042	Explotacion de Infraestructuras Aeronauticas	5	[ver]
SA y TA	2	143003043	Factores Humanos y Automatizacion en Gestion del Trafico Aereo	4,5	[ver]
SA y TA	2	143003044	Gestion en Seguridad Operacional	4,5	[ver]
SA y TA	2	143003045	Impacto Ambiental del Transporte Aereo	3	[ver]
SA y TA	2	143003046	Planificacion de Flotas de Companias Aereas	3	[ver]
SA y TA	2	143003047	Sistemas de Control en Tiempo Discreto	5	[ver]

Semestre	Codigo	Asignatura	Titulacion	ECTS	Idioma	Guia docente
3	CE-W05	Simulation of Incompressible Turbulent Flows with the Finite Volume Method	Master's Degree in Computational Engineering	3	EN	[ver]
1	139050	3D Simulation in Automation Technology	Master's Degree in Mechanical Engineering	6	DE	[ver]
3	CE-WP20	Materials for Aerospace Applications	Master's Degree in Computational Engineering	6	EN	[ver]
3	CE-WP18	Safety and Reliability of Engineering Structures	Master's Degree in Computational Engineering	6	EN	[ver]
3	CE-WP19	Computational Fracture Mechanics	Master's Degree in Computational Engineering	6	EN	[ver]
3	CE-WP14	Computational Wind Engineering	Master's Degree in Computational Engineering	3	EN	[ver]

Semestre	Codigo	Asignatura	Titulacion	ECTS	Idioma	Guia docente
3	CE-WP21	Energy Methods in Material Modeling	Master's Degree in Computational Engineering	4	EN	-

Semestre	Codigo	Asignatura	Titulacion	ECTS	Idioma	Guia docente
Winter	135000	Engine Combustion	Master's Degree in Mechanical Engineering	6	DE	[ver]
-	-	Specialized laboratory for motor vehicle drive technology	Master's Degree in Mechanical Engineering	6	DE	[ver]
3	CE-WP15	Design Optimization	Master's Degree in Computational Engineering	6	EN	[ver]
-	-	Design of hybrid drive trains	Master's Degree in Mechanical Engineering	6	DE	[ver]
-	-	Computer Simulation of Fluid Flows	Master's Degree in Mechanical Engineering	6	DE	[ver]
-	-	Simulation of the Flow in Turbo Machines	Master's Degree in Mechanical Engineering	6	DE	[ver]

Semestre	Codigo	Asignatura	Titulacion	ECTS	Idioma	Guia docente
1	CE-P03	Computer-based Analysis of Steel Structures	Master's Degree in Computational Engineering	6	EN	[ver]
3	CE-WP18	Safety and Reliability of Engineering Structures	Master's Degree in Computational Engineering	6	EN	[ver]
-	-	Process and environment Measurement Technology	Master's Degree in Mechanical Engineering	6	DE	[ver]