

Courses in English

Course Description

Department	05 Building Services Engineering, Paper and Packaging Technology and Print and Media Technology
Course title	Abastecimiento Energético - Energy and Building Services
Hours per week (SWS)	2 or online, due to the corona situation
Number of ECTS credits	5
Course objective	understanding and calculation of energy instalations
Prerequisites	basic knowleges in physics and thermodynamics
Recommended reading	materials in form of PDFs completed by audio- and video - files given by the teacher
Teaching methods	blackboard, explications and calculations by PC-projection in order to complete the materials
Assessment methods	written examination at the end of the course
Language of instruction	Spanish
Name of lecturer	Prof. Dr. Ing. Hartmut PIETSCH
Email	prof.pietsch.hm@gmx.de
Link	no link, use Email
Course content	energy basics, boilers, heating, cooling, combustion, motors and turbines, combined heating, energy storage by heated and compressed air, gas supply - calculation and construction of pipelines, design and calculation of regulation plants
Remarks	The course content is divided in the parts of Abastecimiento Energético I-III and will be offered on demand, due to prerequisites of participating students