

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
Number of ECTS credits	5
Course objective	Understanding and calculation of energy instalations.
Prerequisites	Basic knowleges in Physics and Thermodynamics.
Recommended reading	Materials given by the teacher.
Teaching methods	Blackboard, explications and calculation examples by PC-projectation 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	hartmut.pietsch@hm.edu
Link	
Course content	Energy basics, boilers, heating, cooling, combustion, motors and turbines, combined heating, energy storage by heat and compressed air, gas supply - calculation and construction of pipelines, design and calculation regulation instalations.
Remarks	The course content is divided in the Abastecimiento Energético I-III and will be offered on demand, due to prerequisites of participating students.