


HVAC - Building physics

 **ECTS**
7 credits **Component**
INSTITUT
NATIONAL
DES SCIENCES
APPLIQUEES
TOULOUSE **Number of
hours**
99h

Presentation

Description

Teaching handles on conception of air conditioning installations devoted to a specific application (hotel supermarket, swimming pool, etc...). It is an Organised Project which is divided into several phases as thermal balances, Summary Request for Proposal (SRQ), Final Request for Proposal (FRQ). An economic analyze is also included in the project.

Student work in groups of three or four persons and and little by little their requirements they receive informations during the project session.

Objectives

At the end of this formation unit, the student will be able to dimension, to conceive and to propose a pertinent regulation of varied air conditioning installations.

Expected skills :

- * Design an air conditioning installation (HVAC) from determined specifications
- * Design a control system to optimize this facility
- * Design main elements of the installation

Useful info

Contacts

Education manager

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Place

➤ Toulouse