CONFORT DE L'HABITAT

BUILDING COMFORT

Lecturers: Eric VINCENS

| Lecturers : 16 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 12.0 | Project : 0.0 | Language : FR

Objectives

This course will aim to provide the tools to understand the physics of the building envelope and quantify the performance of the Habitat with regard to comfort, both in winter and in summer, in a world constrained by requirements increasingly stringent in terms of regulation.

Keywords : Thermal comfort, air renewal, light

Programme

- Thermal of environments, systems and individuals: CM 12h + 3 BE
- Air renewal: 4h CM shared with VAD "filière"

Learning outcomes

Independent study

Objectifs :

Méhodes :

Core texts

Malek Jedidi, Omrane Benjeddou, *DU CONFORT THERMIQUE AU CHOIX DES ÉQUIPEMENTS DE CHAUFFAGE ET DE CLIMATISATION*, Dunod, 2016
Jean-Pierre Moya *ISOLATION THERMIQUE DURABLE DES BÂTIMENTS EXISTANTS - CHOIX MULTICRITÈRES - MANUEL PRATIQUE*, Le Moniteur Editions, 2018
Bureau Veritas*ISOLATION THERMIQUE ET ACOUSTIQUE DES BÂTIMENTS : RÉGLEMENTATION, PRODUITS, MISE EN OEUVRE*, Le Moniteur Editions, 2017

Assessment

1 grade from the final exam *0.67 + 1 grade from the Practical Sessions de projet *0.33