

IDENTIFICATION

Course code : E3B65QE4
ECTS : 1.5

DURATION

Lectures : 6
Tutorial classes : 20
Labs : 0
Total : 26

Project :
Personnal work :

ASSESSMENT

1 project grade + 1 continuous assessment grade

TEACHING MATERIALS

Course materials

LANGUAGE

English

CONTACT

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UE : UE6.2-QEB

COURSE : Mass and Heat Transfer

SCOPE OF THE COURSE

OBJECTIVES

After this course, students will be able to evaluate all phenomena and mechanisms of heat transfer by conduction, radiation, and convection.

COMPETENCE AND SKILLS

PROGRAM

- Introduction to modes of transfer
- Heat transfer
 - Conduction
 - Convection
 - Radiation
- Mass transfer by molecular diffusion and convection
 - Balance equations for a mixture
 - Typical diffusion problem

BIBLIOGRAPHY

REQUIREMENTS