

Heat Transfer

Academic Year: (2020 / 2021)

Review date: 01-07-2020

Department assigned to the subject: Thermal and Fluids Engineering Department

Coordinating teacher:

Type: Compulsory ECTS Credits : 6.0

Year : 3 Semester : 1

DESCRIPTION OF CONTENTS: PROGRAMME

Introduction to convection heat transfer.

External flow heat transfer.

Internal flow Heat transfer.

Free convection.

Boiling and condensation heat transfer.

Heat exchangers.

Psychrometry.

Introduction to Radiation heat transfer.

Radiation exchange between surfaces

ASSESSMENT SYSTEM

E1. FINAL EXAM. Global assessment of knowledge, skills and capacities acquired throughout the course. The percentage of the evaluation varies for each subject between 60% and 0%

E2. CONTINUOUS EVALUATION. Assesses papers, projects, class presentations, debates, exercises, internships and workshops throughout the course. The percentage of the evaluation varies for each subject between 40% and 100% of the final grade

% end-of-term-examination: 60

% of continuous assessment (assignments, laboratory, practicals...): 40