

Internal Combustion Engines

Course Code:

ME 422

Course Type:

Area Elective

Credits:

3

Theoric:

3

Practice:

0

Laboratory Hour:

0

ECTS:

5

Prerequisite Courses:

Thermodynamics II [1]

Course Language:

English

Course Content:

Engine operating characteristics, various engine cycles, thermochemistry and fuels, air and fuel induction, fluid motion within combustion chamber, combustion, exhaust flow, emission and air pollution, heat transfer in engines, friction and lubrication, and discussion on some aspects of automotives.