

Heat Engines

Course Code:

ME 428

Course Type:

Area Elective

Credits:

3

Theoric:

3

Practice:

0

Laboratory Hour:

0

ECTS:

5

Prerequisite Courses:

Thermodynamics II [1]

Heat Transfer [2]

Course Language:

English

Course Content:

Fundamentals of spark-ignition and compression-ignition engines. Performance characteristics and testing. Fundamentals of theory and design of steam and gas turbines, turbine flow passages and nozzles. Turbine control and performance.