

# Control Systems Design

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Course Code:

ME 457

Course Type:

Area Elective

Credits:

3

Theoric:

3

Practice:

0

Laboratory Hour:

0

ECTS:

5

Prerequisite Courses:

System Dynamics and Control [1]

Course Language:

English

Course Content:

Root-Locus design. Frequency domain design, compensators. State-space analysis. Structural properties: controllability, observability. State feedback design, observer design. Teams of two to four students will select and implement a design project within the general theme of automatic control systems.