

COURSE DETAIL

FEEDBACK CONTROL OF DYNAMICAL SYSTEMS

Country

Chile

Host Institution

University of Chile

Program(s)

University of Chile

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

FEEDBACK CONTROL OF DYNAMICAL SYSTEMS

UCEAP Transcript Title

FEEDBCK CNTRL DYNAM

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

The purpose of this course is for students to apply efficient control methods and strategies to dynamic systems in continuous time and discrete time to use them in solving physical and mathematical problems, as well as in the design of feedback control systems. Likewise, students design feedback control systems considering their implementation in processes associated with the industry (for example, mining and manufacturing).

Language(s) of Instruction

Spanish

Host Institution Course Number

ME4150

Host Institution Course Title

AUTOMATIZACION Y CONTROL

Host Institution Course Details

Host Institution Campus

Campus Beauchef

Host Institution Faculty

Ciencias fisicas y Matematicas

Host Institution Degree

Host Institution Department

Ingenieria Civil Mecanica

Course Last Reviewed

2024-2025

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