

ENGR 4305 : Dynamic Systems and Controls

Mathematical modeling, analysis, measurement, and control of dynamic systems. Topics include physical systems models, introduction to feedback control, time and frequency domain analysis of control systems, stability of linear control systems, PID control, and root-locus analysis. Incorporation of computational software for computer-based controls and modeling is included.

Credits 3

Course ID

008993

Requisites

[ENGR 4305](#) Prerequisites: [ENGR 3342](#), [ENGR 3343](#)