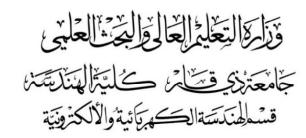
Ministry of Higher Education and Scinetific Research Thi-Qar University Collage of Engineering Electrical and Electronic Engineering Dept





tace:

التاريخ: / / ٢٠

Course number and name	EE 4710: Feedback Control Systems
Credits and contact hours	3 credits and 3 hours
Course coordinator	
Textbook	Feedback Control of Dynamic Systems, G.F. Franklin, J.D.
	Powell, A. Emami-Naeini, 5 th ed., Prentice Hall, 2005
Course Information	a. Prerequisites: EE 4700 Linear Control Systems
	b. Required
Topics to be covered	- Review of System Analysis
	- Root Locus
	– Nyquist & Bode
	– State variables
	- The design of feedback control systems
	– PID control
	- Root Locus design
	- Frequency response design
	- State space design
	- Analytic design
	- Digital control systems

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