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Course Basic Information

Year	2024	Term	1st Semester	Course Code	ELEC0963-001	Course Title	Topics in Control Engineering2 (Classical Control Theory)
Credits	3-3-0	Department	Graduate School School of Electronic and Electrical Engineering	Course Categories	Major	Classroom Language	English
Instructor	최병조	Class Time	Tue. 7A,7B,8A Thu. 7A,7B,8A	Classroom	IT대학1호관(공대10호관) 713	Subtitle Support for Disabled	<input type="checkbox"/> Y
Office & Office Hours	Mon. 13:00-14:00						
Talent Model of department							
Educational objective of department	Fostering creative Glocal Leaders capable of directing future innovations of IT engineering and associate industries						

General Information	Core Competencies	Evaluation Methods	Support Available for Disabled Students	Course Content and Schedule	Course Evaluation
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General Information

* Course Outline (968/18000byte)	<p>The objective of this lecture is to provide for the students with theoretical fundamentals, engineering skills, and design techniques of the classical control systems so that the students could use the acquired knowledge as their career-long resources. The former part of the class addresses the basic principles and fundamental techniques of feedback control systems:</p> <ul style="list-style-type: none"> - The concept, benefits, and potential problems of closed-loop feedback control. - Mathematical description and engineering modeling of feedback systems. and - Stability analysis using Routh-Horwitz method and root locus technique. 							
* Prerequisites (4/1000byte)	None							
Recommended Subsequent Course (4/1000byte)	None							
Textbook & Other References	Search Input	No	* Book Name	* Author	* Publishing Office	* Publishing Year	* ISBN	* Book Section
	Directly Input	(84/18000byte) R. C. Dorf and R. H. Bishop ^a Modern Control Systems ^a 13 th Edition, Pearson, 2017.						