

COURSE TITLE	TE142423: Hierarchical Control Systems Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVES	Students are able to analyze and design the hierarchical control system.
COMPETENCY	<ul style="list-style-type: none"> • The student have the ability to analyze the hierarchical control system. • The student have the ability to design the hierarchical control system.
SUBJECTS	<ul style="list-style-type: none"> • Introduction to hierarchical control system. • Stuctural properties of the hierarchical control • Model transformation • Decentralized Control of the hierarchical control system • Centralized Control of the hierarchical control system
MAIN REFERENCES	<ul style="list-style-type: none"> • Lunze: <u>Feedback Control of Large Scale System</u>, Prentice-Hall, 1991 • Jamzidie, M: <u>Large Scale Sys.: Modelling, Control and Fuzzy Logic</u>, Prentice-Hall, 1997
OPTIONAL REFERENCES	<ul style="list-style-type: none"> • Journal and conference papers
PREREQUISITE	<ul style="list-style-type: none"> • Optimal Control System