

COURSE TITLE	TE142300: Introduction to Research Credits: 2 Semester: I
LEARNING OBJECTIVES	<ul style="list-style-type: none"> • To have an understanding of many research fields in power system engineering, multimedia communication, electronic engineering, intelligent multimedia network, and telematics; and to have a skill to select own research cluster by considering all supporting clusters. • To have a capability to apply scientific mindset and attitude in the own research filed.
COMPETENCY	<ul style="list-style-type: none"> • To have an understanding many research clusters in the fields of power system engineering, multimedia communication, electronic engineering, intelligent multimedia network, and telematics. • To have a capability to choose an appropriate scientific approach to solve a certain engineering problem through activities for improvement of human life quality and environment. • To have a skill of actualizing and to keep scientific attitude and scientific activities in professional tasks.
SUBJECTS	<ul style="list-style-type: none"> • Provisioning of research fields • Journal article review • Case studies and report.
MAIN REFERENCES	<ul style="list-style-type: none"> • Selected scientific journals in power system engineering, multimedia communication, electronic engineering, intelligent multimedia network, and telematics.
OPTIONAL REFERENCES	-
PREREQUISITE	-