

COURSE TITLE	TE142304: Scientific Writing Credits: 2 Semester: II
LEARNING OBJECTIVE	Giving preparation for the students before getting thesis by understanding problem identification and formulation related to the thesis topic.
COMPETENCY	<ul style="list-style-type: none"> • Understanding research methodology. • Understanding technical writing for the proposal thesis, thesis and scientific papers.
SUBJECTS	<ul style="list-style-type: none"> • Understanding research methodology: Problem identification, Literature study, plant data, systems modeling, system diagram, solution algorithm, method development, simulation and analysis, result justification. • Understanding technical writing format: Title, author, affiliation, authentication sheet, abstract, content, introduction to problem, citation, concept, methodology, data table and graphics, figure, schedule, simulation result and analysis, conclusion, references, biography and acknowledgement.
MAIN REFERENCES	<ul style="list-style-type: none"> • ITS, <u>Peraturan Akademik ITS</u>, 2014. • ITS, <u>Pedoman Penyusunan Tesis</u>, Pascasarjana ITS, 2014. • Imam Robandi, <u>Becoming The Winner: Riset, Menulis Ilmiah</u>, Publikasi Ilmiah, dan Presentasi, Penerbit ANDI, 2008.
OPTIONAL REFERENCES	-
PREREQUISITE	<ul style="list-style-type: none"> • Introduction to Research