

COURSE TITLE	TE142311: Computer Control and Industrial Informatics Credits: 3 Semester: I
LEARNING OBJECTIVES	Students are able to analyze and design an industrial informatics.
COMPETENCY	<ul style="list-style-type: none"> • Students are able to analyze an industrial informatics • Students are able to design an industrial informatics
SUBJECTS	<ul style="list-style-type: none"> • Basic concepts of industrial informatics • Data communication systems in industry • System based on PLC, SCADA and DCS • Human Machine Interface • Information System in Industry
MAIN REFERENCES	<ul style="list-style-type: none"> • W.A. Halang, K.M. Sacha. <u>Real-time systems : Implementation of industrial computerised process automation</u>. Ed. World Scientific, 1992. • T. Boucher, <u>A. Yalcin, Design of Industrial Information Systems</u>, Elsevier, 2006
OPTIONAL REFERENCES	-
PREREQUISITE	-