

COURSE TITLE	TE142489: Telemedicine System Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVES	Students understand and have the ability to explain the development of telemedicine and its applications.
COMPETENCY	<ul style="list-style-type: none"> • Students understand about the definition of telemedicine, history, scope, and development of telemedicine in many countries. • Students understand about telemedicine supporting technology, the available telemedicine services, ethics, and legal aspects of telemedicine. • Students can develop the application design of telemedicine.
SUBJECTS	<ul style="list-style-type: none"> • Definition of telemedicine, history, scope, and its development. • Supporting technology of telemedicine. • Telemedicine services. • Ethics and legal aspects of telemedicine. • Development of telemedicine in many countries. • Application design of telemedicine.
MAIN REFERENCES	A.C. Norris, <u>Essential of Telemedicine and Telecare</u> , John Wiley & Sons LTD., West Sussex, 2002
OPTIONAL REFERENCES	<ul style="list-style-type: none"> • Rifat Latifi, <u>CURRENT PRINCIPLES AND PRACTICES OF TELEMEDICINE AND E-HEALTH</u>, IOS press, Amsterdam, 2008. • G. Burg, <u>Telemedicine and Teledermatology</u>, Switzerland, 2003.
PREREQUISITE	-