

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