

COURSE TITLE	TE142449: Mobile e-Learning Credits: 2 ELECTIVE COURSE
LEARNING OBJECTIVES	To study problems and concepts in e-learning as well as supporting technology and knowledge management implementation over open-source based and multiplatform system.
COMPETENCY	The students are expected to: <ul style="list-style-type: none"> • Understand problems and concepts in e-learning • Understand supporting technology and software to implement e-learning • Implement a content application of e-learning
SUBJECTS	<ul style="list-style-type: none"> • Introduction to e-learning • Principles of networking and wireless technology • Principles of web engineering • Wireless technology integration in e-learning system • Case study • Moodle • Implementation and evaluation
MAIN REFERENCES	<ul style="list-style-type: none"> • David Metcalf, <u>mLearning: Mobile Learning and Performance in the Palm of Your Hand</u>, HRD Press, 2006. • Jason Cole & Helen Foster, <u>Using Moodle: Teaching with the Popular Open Source Course Management System</u>, O'Reilly Media, 2007.
OPTIONAL REFERENCES	<ul style="list-style-type: none"> • Fawzi Albalooshi, <u>Virtual Education: Cases in Learning and Teaching Technologies</u>, IRM Press, 2003. • Mahbubur Syed, ed., <u>Methods and Applications for Advancing Distance Education Technologies: International Issues and Solutions</u>, Information Science Reference, 2009. • William Rice, <u>Moodle 1.9 E-Learning Course Development: A complete guide to successful learning using Moodle</u>, Packt Publishing, 2008 • IEEE Trans. on Multimedia • IEEE Trans. on Education
PREREQUISITE	-