

COURSE TITLE	TE142361: Mobile Computing Credits: 2 Semester: III
LEARNING OBJECTIVES	Students understand the concepts of mobile computing, ubiquitous computing, some of the techniques and applications.
COMPETENCY	Student can explain correctly how is the concepts of mobile computing, ubiquitous computing, some of the techniques and applications.
SUBJECTS	<ul style="list-style-type: none"> • Wireless Sensors: RFID Automatic Identification and Data Capture • RFID Applications: Animal Monitoring, Assets and Vehicles Tracking • Internet of Things: A Context-Awareness Perspective • Street, Car and Home Without Secrets: Telematics, Intelligent Vision, What the Software Knows (Machine Learning)
MAIN REFERENCES	<ul style="list-style-type: none"> • <u>THE INTERNET OF THINGS</u>, From RFID to the Next-Generation Pervasive Networked Systems • World Without Secrets: <u>BUSINESS, CRIME, AND PRIVACY IN THE AGE OF UBIQUITOUS COMPUTING</u>, Richard Hunter, John Wiley & Sons, Inc • <u>Advances in Ubiquitous Computing: Future Paradigms and Directions</u>
OPTIONAL REFERENCES	-
PREREQUISITE	-