



University of Tehran
School of Electrical and Computer Engineering

Course:	8101700 – Foundations of IT Lab.									
Course type:	EE*						CE*			Credit: 1
	Com	E	P	B	Con	D	SW	HW	IT	
	Required	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Elective	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Level:	Undergraduate <input checked="" type="checkbox"/> Graduate <input type="checkbox"/>									
Co-requisite(s):	Foundations of Information Technology (8101673)									
Prerequisite(s):	Foundation of IT									
Prerequisite by topic:										
Textbook(s):										
Coordinator:	Taghiyareh , Associate Professor, School of ECE									
Goals:	<ul style="list-style-type: none"> • Become familiar with digital world and ability to discover new phenomenons of IT • Enable students to enter to the IT new businesses via stablishing an online store and connecting it to the bank • Enable students to work with some applications like CRM and to extend them • Enable students to design a process and connect it to other processes via a BPMS 									
Outcome:	<p>Upon successful completion of the course, students will be able</p> <ol style="list-style-type: none"> 1. To stablish an online business 2. To work with important tools and applications like BPMS CRM Collaboration tools, and so on 3. To design & Implement an extension for CMS 4. To create a telegram bot for his/er ideas 									
Topics:	<ul style="list-style-type: none"> • Information Literacy • One-note • Best Practice & Benchmarking • Online Collaboration Tools • Wordpress CMS & Jumla • Transfer a CMS to Server • SEO & Tools • Captcha & Recaptcha, Themes • Woocommerce, Opencart 									

	<ul style="list-style-type: none"> • Digikala, bamiloo • Telegram bot • BPMN • CRM • LMS
Computer usage:	100%
Assignments:	Each session has related assignments
Projects:	2 projects
Grading:	Assignments: 10 % Projects: 50 % reports 30 % Attendance 10 0%
Further readings:	
Prepared by:	Fattaneh Taghiyareh
Date:	1396/09/26

*EE: Electrical Engineering		CE: Computer Engineering	
Com	Communications	SW	Software
E	Electronics	HW	Hardware
P	Power	IT	Information Technology
B	Bioelectronics		
Con	Control		
D	Digital System		