



University of Tehran
School of Electrical and Computer Engineering

Course:	8101637 – Digital forensics									
Course type:	EE*						CE*			Credit: 3
	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 checked="" 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 type="checkbox"/> Graduate <input checked="" type="checkbox"/>									
Co-requisite(s):										
Prerequisite(s):										
Prerequisite by topic:										
Textbook(s):	[1] D. L. Shinder and M. Cross, “Scene of the cybercrime”, 2 nd ed., <i>Syngress</i> , 2008. [2] B. Nelson, A. Phillips and C. Steuart, “Guide to computer forensics and investigations”, 4 th ed, <i>Course Tech.</i> , 2010.									
Coordinator:	Sadaf Salehkalaibar, Assistant Professor, School of ECE									
Goals:	To learn the basics of digital data acquisition and its analysis.									
Outcome:	Upon successful completion of the course, students will be able 1. To acquire digital data, 2. To learn about attacks and intrusions, 3. To implement system security.									
Topics:	1) Introduction to cybercrime 2) Digital forensics lab 3) Digital forensics software and hardware 4) Digital data acquisition 5) MP3/iPod and cellular network forensics 6) Email and internet forensics 7) Attacks and intrusions 8) System security implementation									
Computer usage:										
Assignments:										
Projects:										
Grading:	Assignments: 20 %									

	Projects: ... % Quizzes: 10 % Midterm exams: 30% Final exam: 40 %
Further readings:	
Prepared by:	Sadaf Salehkalaibar
Date:	11 th December 2017

*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		