

IS101 Foundations of Informatics I

Fall 2009 SYLLABUS

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TEXT: Evans, A. K. Martin, & M. A. Poatsy (2009). *Technology in Action*, Sixth Edition.
 Prentice Hall / Pearson (ISBN 978-0-13-504624-1).
 Also used for IS102.

Wk	Day	Lecture	Prof	Date		Ch	PP to read before class	Sound Bytes (TIA Disk 1)
1	T	1	ALL	1-Sep	Course intro; meet instructors; purpose; structure; expectations; SQ3R		SCAN BOOK	
	R	1	MK	3-Sep	Demonstrate CD-ROMs & option to talk with instructor		EXPLORE CDs & LAB	
2	T	2	FV	8-Sep	Why Computers Matter to You: Becoming Computer Literate	1	2-27	Questions to Ask Before You Buy a Computer
	R	2	FV	10-Sep	Quiz (10 min) on Lecture 2 material & option to talk with instructor			
3	T	3	MK	15-Sep	Technology in Focus: History of the PC	1	36-47	The History of the PC
	R	3	MK	17-Sep	Quiz (10 min) on Lecture 3 material & option to talk with instructor			
4	T	4	FV	22-Sep	Looking at Computers -- functions, data, information, bits, bytes, input, output	2	48-69	Virtual Computer Tour
	R	4	FV	24-Sep	Quiz (10 min) on Lecture 4 material & option to talk with instructor			
5	T	5	PS	29-Sep	Looking at Computers -- controls, power modes, drives, ports, boards, ergonomics, new devices	2	70-89	Port Tour: How Do I Hook It Up
	R	5	PS	1-Oct	Quiz (10 min) on Lecture 5 material & option to talk with instructor			Healthy Computing
6	T	6	DZ	6-Oct	Using the Internet -- origins, communications, multimedia, social networking, e-commerce, spam, malware, hoaxes, browsers, URLs, hyperlinks	3	94-120	Connecting to the Internet; Welcome to the Web
	R	6	DZ	8-Oct	Quiz (10 min) on Lecture 6 material & option to talk with instructor			
7	T	7	MK	13-Oct	Using the Internet -- searching, borrowing, evaluating sites, client, servers, Boolean operators, connection options, choosing ISPs, future of the Internet	3	120-136	Creating a Web-Based E-mail Account; Finding Information on the Web
	R	7	MK	15-Oct	MID-TERM EXAM (1 HR) -- ALL MATERIAL TO DATE			
8	T	8	DZ	20-Oct	Technology in Focus: Information Technology Ethics	3	144-163	Blogging
	R	8	DZ	22-Oct	Quiz (10 min) on Lecture 8 material & option to talk with instructor			
9	T	9	DZ	27-Oct	Application Software -- application vs system software, productivity, multimedia, entertainment, business applications, online software, help, buy/free, install/uninstall	4	166-202	Using Speech-Recognition; Enhancing Photos; Creating Web Queries
	R	9	DZ	29-Oct	Quiz (10 min) on Lecture 9 material & option to talk with instructor			
10	T	10	MK	3-Nov	Using System Software -- operating systems, boot, desktop, Windows, utilities, defrag, scheduler, accessibility	5	210-250	Customizing Windows; File Management; Cleanup
	R	10	MK	5-Nov	Quiz (10 min) on Lecture 10 material & option to talk with instructor			
11	T	11	DZ	10-Nov	Technology in Focus: Computing Alternatives -- OpenOffice, MySQL, Eudora, Linux, Apple, DIY	5	258-271	File Compression: Hard Disks;
	R	11	DZ	12-Nov	Quiz (10 min) on Lecture 11 material & option to talk with instructor			
12	T	12	PS	17-Nov	Understanding and Assessing Hardware: Evaluating Your System (1) -- upgrading, CPU, memory, storage	6	272-293	Evaluating CPU Performance; Installing RAM; Memory Hierarchy;
	R	12	PS	19-Nov	Quiz (10 min) on Lecture 12 material & option to talk with instructor			
13	T			24-Nov	THANKSGIVING BREAK			
	R			26-Nov	THANKSGIVING BREAK			
14	T	13	PS	1-Dec	Understanding and Assessing Hardware: Evaluating Your System (2) -- video, sound, ports, reliability	6	293-308	CD/DVD; Installing DVD-RW
	R	13	PS	3-Dec	Quiz on Lecture 13 material & option to talk with instructor			
15	T	14	DZ	8-Dec	Review & Class Discussion of Informatics I			
	R	14	DZ	10-Dec	FINAL EXAM (1 HR) -- WEEKS 8-14			