

IS 100 SYLLABUS – FALL 2010

Wk	Day	Lecture	Prof	Date		Ch	PP to read before class	Sound Bytes, Active Helpdesk or Other Supplements (Available on Student Resource CD, in Nuoodle, or from Other Web Sites)	
1	T	1	ALL/MK	31/Aug	Course intro; meet instructors; purpose; structure; expectations; SQ3R; Demonstrate CD-ROMs & option to talk with instructor		SCAN BOOK	SQ3R -- Survey, Question, Read, Recide, Review < http://tinyurl.com/3a3sgou >	
	R	2	MK	2/Sep	Why Computers Matter to You: Becoming Computer Literate. Why? Computers in Today's Careers.	1	2-22	Questions to Ask Before You Buy a Computer	
2	T	3	MK	7/Sep	Understanding the Challenges Facing a Digital Society; Ethics in IT; History of Computers	1	23-46	History of the Personal Computer	
	R	4	SP	9/Sep	Looking at Computers: Understanding the Parts. Input, Output, Processing and Memory on the Motherboard	2	48-70	Binary numbers; Tablets and Notebooks; Virtual Computers. Active Helpdesk: Understanding Bits and Bytes	
3	T	5	PS	14/Sep	Storing Data and Information; Connecting Peripherals to the Computer; Power Controls; Setting It All Up. T trends in IT: Displays That You Can Take With You	2	71-92	Port Tour -- How do I Hook it Up? Healthy Computing. Active Helpdesk: Using Input Devices, Using Output Devices, Exploring Storage Devices and Ports	
	R	6		16/Sep	Using the Internet: Making the Most of the Web's Resources. E-mail, Web 2.0, Multimedia, E-Commerce, Browsers, URLs, Searching; The Internet and How It Works; Connecting to the Internet. Do virtual worlds and identities allow us to behave unethically?	3	94-128	Creating a Web-Based E-mail Account; Blogging; Welcome to the Web. HARDER: Anonymity and Pseudonymity in Cyberspace < http://tinyurl.com/2wugy6r >	
4	T	7	SP	21/Sep	The Future of the Internet. Information Technology Ethics: What is Ethics? Personal Ethics and Your Worldview; Social Justice; Fair Use; Privacy; E-Commerce -- Online Gambling; Big Business & Free Speech; Protecting Children.	3	128-159	Finding Information on the Web; Connecting to the Internet. Active Helpdesk: Getting Around on the Web, Connecting to the Internet.	
	R	8		23/Sep	Application Software: Nuts & Bolts of SW; Productivity at Home; Word Processing, Spreadsheets, Presentations, Databases, PIM, Productivity, Integrated SW, Suites, Finances. Media: Speech-recognition, Image-Editing, Audio, Video, Media Mgmt. Fun: Gaming, Education, Reference, Drawing. Business Software -- Home & Office. Help.	4	160-186	Creating Web Queries in Excel 2007; Using Speech-Recognition Software; Enhancing Photos with Image-Editing Software. Tips for Using MS-Word 2007 < http://tinyurl.com/27dvmk >	
5	T	9	SP	28/Sep	Buying SW. Installing/uninstalling/starting SW. Ethics: Borrowing SW. Does SW develop or stifle creativity?	4	186-205	Seven Reasons Not to Steal Software, Music, Games, or Videos < http://tinyurl.com/3am2kj6 >	
	R	10	PS	30/Sep	Using System Software -- The Operating System, Utility Programs, and File Management: Basics; Types of OSs; What the OS does; Booting; Desktop & Windows. Ethics: Software Programming -- When is sharing ideas considered stealing?	5	206-232	Customizing Windows; File Management. Organizing and Safeguarding Information on Disk < http://tinyurl.com/23rar2b >	
6	T	11	PS	5/Oct	Utility Programs: Display, Programs & Features, File Compression, System Maintenance, Defragmentation, System Restore & Backup, Task Scheduler, Accessibility. Computing Alternatives: Open Source, Mac, DIY computers	5	233-264	File Compression, HD Anatomy, Cleanup	
	R	12	PS	7/Oct	Understanding and Assessing Hardware: Evaluating Your System (1) -- Computer or Me? Ideal Computer? Desktop or Notebook? Evaluating CPU, RAM, Storage, Optical Storage	6	267-286	Using Windows 7 to Evaluate CPU Performance; Memory Hierarchy Interactive; Installing RAM; CD, DVD, Blu-ray R/W Interactive; Installing Blu-ray Drive	
7	T	13	PS	12/Oct	Understanding and Assessing Hardware: Evaluating Your System (2) -- Video, Sound, Ports, Reliability. Making the Final Decision.	6	287-305	Active Helpdesk: Evaluating CPU & RAM; Evaluating Computer System Components	
	R	14	DZ	14/Oct	Networking (1): Connecting Computing Devices -- Fundamentals, Architectures, Components, P2P Networks, Home NWs, Securing Wireless NWs	7	306-339	Installing a Home Computer Network.	
8	T	15	SP	19/Oct	Ethics: Is Sharing Your Internet Connection Legal, Ethical, or Safe? Technology in Focus: Under the Hood -- Switches, Binary Number System, CPU Machine Cycle, Faster CPUs	7	340-355	Securing Wireless Networks.	
	R	16	PS	21/Oct	OPEN-BOOK MID-TERM EXAM: 75 MINUTES, 50 QUESTIONS Chapters 1-6				

INSTRUCTOR KEY:

- JH – Prof. Hansen
- MK – Prof. Kabay
- SP – Col. Pomeroy
- PS – Dr. Stephenson
- FV – Dean Vanecek
- DZ – Dr. Zeedick