IIST 523: Fundamentals of Information Technology (27438) Syllabus - Fall 2009 (W, 9:00-11:50 AM in Draper 023)

Contents

1. Contact Information

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Course role	Instructor
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Office hours	Wednesdays, 12:30–3:00PM, Thursdays, 1:00–3:30PM; by appointment (phone or email/Blackboard)

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Course role	Teaching Assistant (TA)
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Office hours	No office hours. Please use the Blackboard Learning System to contact the TA

Department's office: Draper 113	**Phone:** 518-442-5110
Hours: Mon. - Fri. 8:30-4:30	**Fax:** 518-442-5367
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2. Course Information

2.1 Course Description

IIST 523 provides a foundation in the basic information technology (IT) skills necessary for information professionals. The course introduces students to, and provides practical exercises on, several areas of information technology including the personal computer (PC) and PC applications (PC hardware & software), networking, web page design and website development/maintenance including JavaScript, databases, spreadsheets , and information security.

2.2 Objectives

Upon successful completion of IIST 523, students will:
- have a basic understanding of basic concepts and terminology of information technology and be able to define them
- have a basic understanding of personal computers and their operations
- have acquired basic skills and be able to use the main personal computer applications
- have acquired basic web and database design and development skills
- have an increased ability to learn and explore new information technologies with confidence
- be able to identify social & professional implications of information technologies and issues related to information security.

2.3 Class Meetings

The course will meet 13 times in total. Check the weekly course schedule (page 12 of this syllabus) for meeting dates. In the event of inclement weather, please call (518) 442-SNOW for an announcement on university closings.

2.4 Prerequisites

None. This is an introductory course in technology for students in the Master of Science in Information Science (MSIS) program.

2.5 Textbook

Snyder, Lawrence. 2007. *Fluency with information technology: Skills, concepts, and capabilities*. 3rd Edition. Boston: Addison-Wesley. ISBN: 0321512391

This is a required textbook for the course and the publisher provides access to resources for students through the book's website available at: http://wps.aw.com/aw_snyder_fluency_3/. Additional readings from the professional and scholarly literature may be assigned and will be available in Blackboard.

Where to Get the Books: Only Mary Jane Books (http://maryjanebooks.com/) has the required text (Fluency with information technology) for the course, although you should be able to order it from other bookstores, walk-in or virtual.

3. Technology Requirements

3.1 Internet access and Blackboard

Reliable Internet access is required to access the course's Blackboard site. High-speed Internet access is recommended, but you may find dialup access sufficient. Blackboard recommends a number of Web browsers. Please note that some versions of even the most widely used browsers are not supported. From the Blackboard login page (https://bls.its.albany.edu/webct/logonDisplay.dowebct), you can check your browser using the "Check Browser" option on the top right hand corner.

If you don't have Internet access or you are unable to access the Internet from your home, you may wish to consider using a computer on campus (here is a list of computer labs on campus: http://library.albany.edu/infocommons/) or in a public library. If you experience problems accessing Blackboard, please read the frequently asked questions (FAQs) at: http://www.albany.edu/its/bls/faq_student.htm. If you can't find a solution in the FAQs, please contact the Information Technology Services (ITS) Help Desk at http://www.albany.edu/its/ or call (518) 442-3700.

3.2 Technology competencies

We assume that you possess basic computer skills, including the ability to browse the Web; create, send, receive, and read email, including attachments; and access and respond to interactive web pages. However, we don't expect every student to be able to use personal computer applications such as word processing and functions such as copying, cutting, and pasting text; and the ability to open, edit, and store/save computer files. The course is meant for students who lack these and other similar skills.

Throughout the semester, we do provide course-related help and personal assistance in the use of technology. You will be given a brief orientation to Blackboard at the beginning of the semester, during our first class session. You will also complete a warm-up module that includes specific tasks that require the use of Blackboard. In addition to the orientation and warm-up module, if you are relatively new to Blackboard, we recommend taking the tutorial available at: http://www.albany.edu/its/bls/faq_student.htm#tutorials.

4. Assignments & Course Requirements

There are six (6) short assignments, a quiz, a final examination, and a final project (described below) in this course. Any changes to assignment deadlines will be posted to Blackboard and a note will be sent via Blackboard Mail.

4.1 Assignments

Please note the following specifications for all the assignments for the course:
- See the "Weekly Course Schedule" (page 12 of this syllabus) for due dates for assignments.

- Papers should be word-processed, double-spaced, and with 12 point type the rule.
- Papers should be submitted, via Blackboard, to their respective drop boxes as electronic documents (single file for each assignment/project; save it as a zip file if assignment/project is in multiple files).
- All assignments should be submitted before midnight on the due date.
- When you do quote or refer to a piece of writing, please follow APA, MLA, or Chicago Manual of Style. (see the Web for more information; search "APA style"; "MLA style"; or "Chicago Manual of Style"). This is your choice.
- Please make sure to paginate your papers.

4.1.1 Assignment 1: Blackboard (Warm-Up) Exercises/Activities

The Blackboard exercises/activities (Warm-up module) were designed mainly to help you get familiarized with the processes of posting a message to a Blackboard discussion topic (to introduce yourself to the class), sending a Blackboard email message with an attached file, submitting an assignment to a drop box, and completing an assessment (in the form of an initial course survey). Any information collected through the survey will only be used for course related communications with students by the instructor. These exercises/activities, together with in class and Blackboard participation, account for 5% of your total course grade. To begin and complete these exercises:

- Login to the Blackboard Learning System (BLS) at:
  https://bls.its.albany.edu/webct/logonDisplay.dowebct
- Enter your NetID and UNIX password
- Click on the course title (IIST523-Fund of Information Technology)
- From the course's homepage, click on "Week 1 - Warm-Up Module (9/2-9/9)"

4.1.2 Assignment 2: Web Page 1 - Résumé

Prepare your résumé using HTML and save it as "***yourlastnameresume.htm***" (e.g. rorissaresume.htm would be my résumé's filename). Your résumé should include:

- Your name and address (please use a fake name and address if you want to be anonymous)
- Your picture (or any image if you don't have a digital picture or don't want to put your image in your résumé)
- Work history
- Education and training
- Career objective
- Relevant skills and experience

Choose a black background and white text color for your résumé (the whole web page). Section headings should be yellow in font color. Your name and address should be at the top of the page and centered. Each of the following should be on a separate line:

- Full name
- Street address
- City, State Zip Code
- Email address (with a link to your Internet email address)

Your picture should come after your address and it should be centered. Please use "Work History", "Education and Training", "Career Objective", and "Relevant Skills and Experience" as headings for each section and mark them up with relevant HTML tags (heading tags). Any school/university name you list under "Education and Training" should have a link to the school/university's website.

Please don't forget to submit your file (including the image file) to the "**Assignment 2**" assignment drop box (link available in Week 5 Module) by midnight on the due date (9/30/09).

4.1.3 Assignment 3: Web Page 2 – Calendar

Create a calendar, using an HTML table, for the month of October 2009 and save it as "yourlastnameOctober2009.htm" (e.g. RorissaOctober2009.htm). Put the phrase "October 2009" in a caption at the top. Change the background color for cells containing dates that fall on Sundays and notable days such as holidays (10/05 – Child Health Day; 10/9 – Last day of Sukkot - Jewish; 10/12 – Columbus Day; 10/15 – White Cane Safety Day; 10/31 – Halloween) to teal. Please include the name of each notable day in the cell together with the date.

The first row should contain the seven days (Sunday, Monday, …, Saturday) marked up as column headings (use appropriate tags). The background color for the first row (containing column headings) should be brown.

Add a bulleted (unordered/unnumbered) list of all notable days in October 2009 below the table with a heading "Notable Days in October 2009". List the notable days in chronological order.
Insert your full name at the top right corner of the page.

Please don't forget to submit your file to the "**Assignment 3**" assignment drop box (link available in Week 6 Module) by midnight on the due date (10/07/09).

4.1.4 Assignment 4: Algorithm

Write an algorithm for calculating your wages for a part time job (don't include your over time pay). Your algorithm needs to specify:
- Input – what is the information required for calculating your wages for the part time job? Assign a name to each information (e.g. hours=number of hours worked)
- Output – what is the end result of the algorithm?
- Assumptions (if any) – for instance, are you paid on an hourly basis? What is the maximum number of hours you can work per week?
- Instructions (steps of the algorithm) – detailed instructions to execute/run the algorithm. Steps should be numbered and properly referenced (using their numbers).

Please note that you are NOT writing a program.

Name the file YourLastNameAssignment4 (e.g., RorissaAssignment4.doc).

Please don't forget to submit your file to the "**Assignment 4**" assignment drop box (link available in Week 8 Module) by midnight on the due date (10/21/09).

4.1.5 Assignment 5: JavaScript

Based on the algorithm you wrote in Assignment 4, write a JavaScript program for calculating your wages for a part time job (don't include your over time pay). Implement the program with a form (in a web page) that accepts the necessary inputs as entries typed into text boxes and displays the wage amount (Net pay, tax deducted) in a text box when you click on a button with a label "**Calculate**".

Please test your program before you submit the assignment.

Name the file YourLastNameAssignment5.htm (e.g., RorissaAssignment5.htm).

Please don't forget to submit your file to the "**Assignment 5**" assignment drop box (link available in Week 9 Module) by midnight on the due date (10/28/09).

4.1.6 Assignment 6: Database

Just For Kids is a children's book store in Albany, NY. Sarah, the owner, has been managing her business transactions manually. However, a friend told her that a database would make it easier for

her to manage the book store. Sarah took the advise of her friend and hired you to develop and maintain the database as well as build some queries to produce regular reports. She wants the database to contain data about each book in the store, details about authors of the books, her customers, and orders.

Sarah provided you with the tables below (which you should use to enter data into the tables) with data on the books, authors of the books, customers, orders, and asked you to use when planning and building the database. You will need the data in these tables to identify the fields in each table that will constitute the database and the primary and foreign keys.

books

BookID	AuthID	Title	Price
B001	A001	Guess Who My Favorite Person Is	$13.00
B002	A002	Shades of Gray	$11.00
B003	A003	Charlotte's Web	$9.95
B004	A004	Popcorn Days and Buttermilk Nights	$14.00
B005	A005	Mary Had a Little Lamp	$14.00
B006	A006	King Crow	$17.00
B007	A007	Animals Should Definitely Not Wear Clothing	$10.00
B008	A008	Dateline: Troy	$9.95
B009	A008	Bull Run	$11.00
B010	A010	Freak the Mighty	$11.00

authors

AuthID	Lastname	Firstname
A001	Baylor	Byrd
A002	Reeder	Carolyn
A003	White	E. B.
A004	Paulsen	Gary
A005	Lechner	Jack
A006	Armstrong	Jennifer
A007	Barrett	Judi
A008	Fleischman	Paul
A009	Philbrick	Rodman

customers

CustID	Last	First	Address	City	State	Zip	Phone	email
C001	Alexander	Desiree	109 Brampton Lane Apt. 2A	Ames	IA	50011-2271	(614) 555-1637	dalex@someisp.com
C002	Behling	Kenneth	3678 S. 3rd St.	Ann Arbor	MI	48109-2140	(562) 555-6490	kbehl@someisp.com
C003	Bremser	Amy	1020 High Lake Ct.	Arlington Heights	IL	60005	(513) 555-6506	abrem@someisp.com
C004	Bungo	Lucy	3011 Brook Mill Dr. #301	Atlanta	GA	30332-0150	(513) 555-5933	lbun@someisp.com
C005	Hosier	Allison	123 Blue Ave.	Augusta	GA	30901	(513) 555-0383	ahos@someisp.com
C006	Kindley	Nora	106 Floral Ave	Austin	TX	78759-5321	(513) 555-2694	nkind@someisp.com
C007	Lonergan	Meghan	6091 Cloverdale Ave.	Baltimore	MD	21218-2686	(513) 555-0638	mlon@someisp.com
C008	Ross	Katherine	906 Slateworth Drive	Baton Rouge	LA	70803-4001	(704) 555-2451	kros@someisp.com
C009	Santana	John	2105 Carthage Circle	Boulder	CO	80309-0520	(513) 555-9367	jsan@someisp.com
C010	Witham	Brooke	6045 History Trail	Bowling Green	KY	42101-3576	(614) 555-7883	bwit@someisp.com

orders

OrderID	OrderDate	CustID	BookID	ShipDate	Quantity
O001	9/6/2009	C006	B004	9/12/2009	5
O002	10/3/2009	C005	B004	10/6/2009	1
O003	10/3/2009	C004	B005	10/5/2009	2
O004	10/10/2009	C007	B001	10/14/2009	3
O005	10/22/2009	C003	B001	10/26/2009	6
O006	11/2/2009	C001	B010	11/6/2009	3
O007	11/5/2009	C008	B004	11/6/2009	1
O008	11/10/2009	C010	B003	11/15/2009	2
O009	11/5/2009	C009	B007	11/17/2009	1
O010	11/16/2009	C002	B006	11/20/2009	1

Your task is to create the database (with the four tables), enter records/rows into the tables (in the order they are presented above), and create queries that will display:

1. A list of the names (first and last) of all the customers and their respective states, sorted by last name
2. A list of all the customers (their customer ID, last name, first name, address, city, state, zip, phone, & email) who live in Georgia, sorted by last name
3. A list of books (their author's last & first name, title, and price) that are on order, sorted by author's last name
4. The order information (customer's last & first name, order date, title of book, date book ships/shipped, and quantity) on all customers who have placed an order
5. The order information (customer's last & first name, order date, title of book, date book ships/shipped, and quantity) on all customers who have placed an order, but their order has not shipped yet

Name your database 'YourLastNameAssignment6'; tables 'books', 'authors', 'customers', and 'orders'; and your queries 'Query1', 'Query2', 'Query3', 'Query4', and 'Query5'.

Please don't forget to submit your database file to the "**Assignment 6**" assignment drop box (link available in Week 11 Module) by midnight on the due date (11/11/09).

4.2 Project

This is a website development project and it is the final assignment for this course. It is due on the last day of class (**December 2**) and is worth 20% of your total course grade. However, each student should submit his/her project topic by September 16. Project proposals (worth 5% of total course grade) are due on September 30 while final project presentations will be made on the last day of class (**December 2**). The proposal should not exceed two pages.

The website development project is an opportunity for you to demonstrate that you can design and implement a fully functional website for an organization or an individual. You need to select a topic (and write a proposal - please see details about contents of the proposal below), design the website, and publish the website on a web server. You may use any web development tools available to you (e.g. Macromedia Dreamweaver, Microsoft FrontPage, and other HTML editors). However, you may not use Microsoft Word or any other word processors.

Your web site should include (but not limited to) the following:

1. A short overview and objectives of the website as well as the primary population/audience for which the page is designed
2. Your name, a little information about you, the date the site was completed/last updated
3. A minimum of three (3) web pages (excluding the home/index page) that cover different but

related topics/issues/events
4. Graphics (images) that can be downloaded using dialup connection
5. Interactive menu or graphic for navigation
6. A few links to other resources for more information
7. A JavaScript program (e.g. a form that accepts input from users, calculates a value, and displays it)
8. A method by which the user can contact you (e.g. a link to an email address, a feedback form, etc.)
9. Consistent design throughout the site

Your **project proposal** needs to address the following questions.

1)   What is the general topic of the Website?
Please state the general topic for your website (e.g. The Great Immigration Period in the United States) and why you chose to work on this particular website development project.

2)   What would be the primary population/audience of this site?
Please mention at least two groups of audiences that would likely be interested in your Web site. Remember, the main goal for your website is to serve and satisfy your audience.

3)   What are the main functions of this site?
Discuss, in some detail, the functions it might serve its audiences. Think of two or three things that your visitors might be able to do with your site or things that your visitors might be able to learn after visiting your site.

4)   How do you plan to achieve the above functions?
Describe, in some general terms, the kind of features you plan to include in your site, and the type of technology you plan to use (for instance if you are planning to build a dynamic website, what types of software and hardware technology will you use).

5)   What is your proposed time line to finish this project?
Identify some milestones and develop a tentative time line for your project.

4.3 Efforts Expected

This class meets for approximately three class contact hours each week. Students can expect to work 3 to 4 hours per week for each credit hour. This means students may spend about 9 to 12 hours a week in the classroom and/or on readings, assignments, online discussions, projects, and other activities (3 hours in class and 6 to 9 hours outside of class). The instructor and TA want students to succeed and we are available to help. Students who are having problems or find themselves spending substantially more than 12 hours on average per week or falling behind are strongly urged to contact the instructor as soon as possible. In addition to comprehending the subject matter, students are expected to develop or refine various professional skills, including appropriate use of technology.

4.4 Style Manuals & Guidelines

In written reports, students are required to cite sources according to the format rules in either the APA or Turabian style manual (not both):

American Psychological Association. 2001. *Publication manual of the American Psychological Association*, 5th ed. Washington, DC: American Psychological Association.

Turabian, Kate L. 2007. *A manual for writers of term papers, theses, and dissertations*. 7th ed. Chicago: University of Chicago Press.

Style manuals are available in the reference sections of many mainstream bookstores and the reference or reserve sections of the University at Albany Libraries.

4.5 Online Participation and Communication

Each student is expected to have an email account for this class. Blackboard mail is the best (and preferably the only) method for communicating with the instructor and TA concerning assignments, questions, and readings. Each student must also subscribe to IST-L, the Information Studies listserv.

Students are required to use Blackboard to read course materials including assignments and submit assignments electronically and contribute to online discussions. They are also expected to visit the course's Blackboard site daily to respond to communications from the instructor, TA, or other students. For all assignment deadlines, see the course's schedule (page 12).

5. Student Performance Evaluation (Grading)

5.1 Grading

Grades are determined on a 10-point scale. An **A** signifies superior work beyond basic requirements of the course, **B** signifies adequate work that meets most requirements, and **C** or lower signifies inadequate work that does not meet the requirements.

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D	E
Scale	95-100	90-94	86-89	83-85	79-82	75-78	71-74	68-70	60-67	0-59

The following shows the weights of the various assignments.

Assignment/Project/Task	Percentage of Total Grade
Participation & Assignment 1	5%
Assignments (Assignments 2 to 6 carry 5% each)	25%
Quiz	15%
Project Proposal	5%
Project & Presentation	20%
Final Examination	30%
Total	**100%**

Participation scores are tallied throughout the semester and posted in Blackboard as a single score at the end of the semester. Keep in mind that attendance is a factor in assigning participation scores (see attendance statement below).

5.2 Grading criteria

Deadlines: To facilitate timely grading, all assignments must be submitted by 11:59PM on the due date. **Half a grade (5 points) will be deducted for each day an assignment is late.** An exception can be made if the student absolutely cannot meet the deadline and **notifies** the instructor in advance. Without this notification and an extension by the instructor, **any assignment submitted more than one full week (7 days) late will not be reviewed or graded.** Students may also lose points for incomplete submissions and failure to follow instructions. If you do not understand the assignment and instructions, you should contact the instructor -- **prior to assignment deadlines**.

Participation: In order to benefit from the course, each student needs a high level of participation in discussions and activities. All students are expected to login to the course's Blackboard site daily and to reply to email within 24 hours. Exceptions are weekends and holidays unless an assignment is due. Participation in class & Blackboard (plus the warm-up module, Assignment 1) carry 5% of the course grade.
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5.3 Grade options

Extra credit: No assignments for extra credit will be made under any circumstances. Students who are having trouble with regular assignments should contact the instructor as early as possible for advising.

Withdrawal: Please see the University at Albany's policy on withdrawal (http://www.albany.edu/graduatebulletin/requirements_degree.htm) and the semester schedule for deadlines. Please note that a student who simply stops participating and does not file for withdrawal per University at Albany procedures may receive a grade of "E".

Incomplete: A tentative grade of "I" is given only when the student has nearly completed the course but due to circumstances beyond the student's control the work is not completed on schedule. **The student is responsible for contacting the instructor to request an incomplete** and discuss the work required for completing the course in advance of the end of the semester. The date for the completion of the work is specified by the instructor. The date stipulated will not be later than one month before the end of the session following that in which the Incomplete is received. The grade "I" is automatically changed to "E" unless work is completed as agreed between the student and the instructor.

6. Readings

Students are expected to read the assigned materials before each class. For specific readings, please see the course schedule. Additional readings may be added from time to time.

Internet Resources
(edited and all functioning as of 9/1/2009)

- Companion Web site for Fluency with Information Technology: Concepts, Capabilities, and Skills, 3rd edition, by Lawrence Snyder. http://wps.aw.com/aw_snyder_fluency_3/
- SSH client: software that will enable you to telnet and ftp using a secure, encrypted connection. http://www.albany.edu/its/CSS_details_SSH.htm
- Brave New World of Digital Intimacy: A NY Times article about Facebook . http://www.nytimes.com/2008/09/07/magazine/07awareness-t.html?_r=2&ref=magazine&oref=slogin&oref=slogin
- Free Background Images. http://www.freebyte.com/gallery/background_images.html
- HTML-Kit: a free HTML editor. http://www.htmlkit.com/download/next/

7. Course Policies

7.1 Class Attendance

Attendance is taken each week and students are expected to be prompt and prepared for class as well as participate in the classroom and online (Blackboard) discussions. You are asked to notify the instructor in advance if you cannot attend class, must arrive late or leave early, expect to submit work late, or intend to withdraw from the course. In the unavoidable event of an absence, students should check the course's Blackboard site or make arrangements with other students to pick up class notes and assignments. Time will be given during the first meeting of class for students to find study partners. Students who miss more than 2 classes will have their final average dropped by two points per each additional absence. This course depends heavily upon student participation and you need to attend class to get full benefit from the course.

7.2 Class conduct

Availability: The instructor and TA are available for student consultation after class, during office hours, by appointment, and online in Blackboard. We would like to cordially ask you not to come to our offices during our preparation time immediately prior to class or at the beginning of class breaks. Students are expected to check Blackboard mail daily to see whether the instructor or TA is trying to reach them.

Students should not assume that instructors and TAs are online 24 hours a day, 7 days a week, to answer your questions immediately (even though we will try to do so as much as possible).

Courtesy: In class discussions and group assignments, both face-to-face and online, the instructor, TA, and students are expected to demonstrate professional behavior. This means cooperating and interacting in a courteous, supportive, and tactful manner based on mutual respect for each other's ideas.

7.3 Plagiarism and Academic Dishonesty/Misconduct

The instructor of this course has a zero tolerance policy for academic dishonesty, plagiarism (http://library.albany.edu/usered/plagiarism/), and cheating. As a policy for this course, plagiarism, self-plagiarism or cheating will result in a failing grade for the course. In addition, the instructor will pursue further disciplinary action at the University level including reporting to the Office of Conflict Resolution & Civic Responsibility (http://www.albany.edu/judicial_affairs/) according to the policies set forth in the current University at Albany Undergraduate Bulletin or University at Albany Graduate Bulletin, whichever is applicable to the student. The instructor abides by and enforces all relevant University at Albany policies.

Academic misconduct includes cheating, plagiarism and other unethical and illegal activities. Students are encouraged to form study groups and to talk about and read each other's assignments. Learn by interacting with one another—support and help one another. Nonetheless, students are expected to give credit where credit is due by citing the work and ideas of others in papers that they write. If you are not sure about what constitutes academic dishonesty, ask the instructor or err on the side of citing more than you think necessary.

The Department of Information Studies takes academic dishonesty very seriously. Before taking classes within the Department of Information Studies, you should familiarize yourself with the Department's academic dishonesty policy, available in both the Department's graduate handbook and online at http://www.albany.edu/cci/informationstudies/forms/admin_forms/Academic_Dishonesty.pdf. Professors reserve the right to add to the Department's policy as they see appropriate.

7.4 Students with disabilities

Reasonable accommodations will be provided for students with documented physical, sensory, systemic, cognitive, learning and psychiatric disabilities. If you believe you have a disability requiring accommodation in this class, please notify the Director of Disabled Student Services (Campus Center 137, 442-5490, http://www.albany.edu/disability/index.shtml).

8. Course Schedule as of 9/1/2009 (subject to revision)

Weekly Course Schedule (Topics, Readings, and Assignments to hand in): Submit all assignments and projects to their corresponding assignment drop boxes in Blackboard before midnight (Eastern Standard Time) on the due dates. This schedule will be updated regularly. Please check back for any updates or changes.

#	Date	Topics	Readings	Assignment/Due
1	9/2	Class orientation; Blackboard & Email exercises; IT resources of the university	None	
2	9/9	Computer hardware & software; file management; text editing; Power Point presentation	Fluency: Ch. 1 and 2	Assignment 1
3	9/16	Spreadsheets; Networking; HTML	Fluency: Ch. 3, 4 and 14	Project topics
4	9/23	HTML (contd.)	Fluency: Ch. 4	
5	9/30	HTML (contd.); Digital representation of information	Fluency: Ch. 4 and 8	Assignment 2; Project Proposal
6	10/7	Digital representation of multimedia; Computer operations	Fluency: Ch. 9 and 11	Assignment 3
7	10/14	Algorithms; Basic JavaScript	Fluency: Ch. 10, 18 and 19	
8	10/21	More JavaScript	Fluency: Ch. 7, 20, 21, and 22	Quiz; Assignment 4
9	10/28	Database basics	Fluency: Ch. 16	Assignment 5
10	11/4	More databases	Fluency: Ch. 16	
11	11/11	Work on projects (your draft website should be ready)		Assignment 6
12	11/18	Social implications of IT; digital security; Evaluating a Website; Wikis, Blogs, & RSS feeds	Fluency: Ch. 12 and 13	Upload WebPages to server
13	11/25	No Class – Thanksgiving		
14	12/2	Final presentation of projects in class		Projects
15	12/9	NO CLASS (Final Exam. week)		Final Examination