

Course Syllabus

CIS 1048 Section 002 – Introduction to Information Science and Technology
Tuttleman Learning Center 305A, Thursday 5:30 PM – 8:00 PM

Instructor: A.J. Harnak
Email Address: a.harnak@temple.edu
Cell Phone: (484) 684-5337
Office Hours: After class, or by appointment
Office: SERC 327

Course Description

This course introduces students to the field of Information Systems Technology and outlines the material covered throughout the entire IS&T Program at Temple. The course addresses the three core issues: 1) Information (the basic science of data encoding, transmission and storage); 2) People (the interactions among technologies, users, institutions, and regulations; and 3) Technology (the design and operation of basic information technology devices). The course will be conducted as lectures and case studies where the students will learn how information flows in organizations, how data is stored and processed and how we can use technology to help people and organizations to perform efficiently. Students will work in teams to analyze scenarios and propose solutions by applying analytic techniques and theories covered in the course. Examples and cases will be drawn from a range of domains including: high tech, medical, business and government. Emphasis will be placed on writing proper reports and presentations. NOTE: For Information Science and Technology Majors. It is also recommended for undecided students looking for a major.

Materials

Textbook: *Introduction to Information Systems, Fifth Edition* by Rainer, Prince, and Cegielski. The book is mandatory for this course, and is available in the bookstore. Amazon also both sells and rents the textbook. You may use the book format of your choosing (digital, unbound pages, etc.). Having the fifth edition is critical – Information Technology is a rapidly-evolving field and the books are frequently updated to reflect that fact.

Technology: Blackboard will be used for the submission of all assignments, posting of grades, etc. Please ensure that you have consistent, reliable computer and Internet access in preparation for class.

Attendance Policy

Attendance will not factor into your grade, but what you miss in class will. Since class is only once a week, you will not have an opportunity to make up anything you miss. Please make every effort to attend each class to maximize your chances of a receiving good grade and having a positive learning experience.

Lateness Policy

All assignments must be submitted via Blackboard before class on the specified due date. No late assignments will be accepted.

Academic Honesty

Unless explicitly described as a group assignment, all tests, quizzes, projects, and assignments must be completed individually. Academic dishonesty of any sort is subject to severe penalties, including, but not limited to, the failure of the violating assignment. More information regarding the University's policies on academic honesty can be found here:

http://www.temple.edu/bulletin/Responsibilities_rights/responsibilities/responsibilities.shtm#honesty

Disability Disclosure Statement

Any student who has a need for accommodation based on the impact of a documented disability, including special accommodations for access to technology resources and electronic instructional materials required for the course, should contact me privately to discuss the specific situation by the end of the second week of classes or as soon as possible. If you have not done so already, please contact Disability Resources and Services (DRS) at (215) 204-1280 in 100 Ritter Annex to learn more about the resources available to you. I will work with DRS to coordinate reasonable accommodations for all students with documented disabilities.

Student and Faculty Academic Rights and Responsibilities

Freedom to teach and freedom to learn are inseparable facets of academic freedom. The University has a policy on Student and Faculty and Academic Rights and Responsibilities (Policy #03.70.02) which can be accessed through the following link: http://policies.temple.edu/getdoc.asp?policy_no=03.70.02

Assignment Weight

| Assignment | # | Points Each | Points Total | % of Course Grade |
|---------------------------------------|----|-------------|--------------|-------------------|
| Exams | 3 | 50 | 150 | 37.5% |
| Case Studies/Homework Assignments | 10 | 10 | 100 | 25% |
| Group Project 1 | 1 | 50 | 50 | 12.5% |
| Final Group Project (Group Project 2) | 1 | 100 | 100 | 25% |
| | | | 400 | 100% |

Final Grades

| Final Grade | Total Points | Percentage |
|-------------|--------------|------------|
| A | 368-400 | 92-100 |
| A- | 360-367 | 90-91 |
| B+ | 352-359 | 88-89 |
| B | 328-351 | 82-87 |
| B- | 320-327 | 80-81 |
| C+ | 312-319 | 78-79 |
| C | 288-311 | 72-77 |
| C- | 280-287 | 70-71 |
| D | 240-279 | 60-69 |
| F | 0-239 | 0-59 |

Course Calendar

*Please note: all dates are approximate and are subject to change.

Thursday, August 27th

Chapter 1: Introduction to Information Systems

Thursday, September 3rd

Homework 1 Due

Technology Guide 1: Hardware

Technology Guide 2: Software

Friday, September 4th – Last day to drop

Thursday, September 10^h

Homework 2 Due

Technology Guide 3: Cloud Computing

Thursday, September 17th

Homework 3 Due

Chapter 6: Telecommunications and Networking

Exam Review

Thursday, September 24^h

**** EXAM 1 ****

Chapter 2: Organizational Strategy, Competitive Advantage, and Information Systems

Thursday, October 1st

Homework 4 Due

Chapter 2: Organizational Strategy, Competitive Advantage, and Information Systems

Chapter 3: Ethics and Privacy

Thursday, October 8th

Group Project 1 Due

Group Project 1 Presentations

Thursday, October 15th

Homework 5 Due

Chapter 4: Information Security

Tuesday, October 20th – Last day to withdraw

Thursday, October 22nd

Homework 6 Due

Chapter 5: Data and Knowledge Management

Exam Review

Thursday, October 29th

**** EXAM 2 ****

Homework 7 Due

Thursday, November 5th

Homework 8 Due

Chapter 8: Wireless, Mobile Computing, and Mobile Commerce

Thursday, November 12th

Homework 9 Due

Chapter 10: Information Systems within the Organization

Software Development Life Cycle

Thursday, November 19th

Homework 10 Due

Chapter 13: Acquiring Information Systems and Applications

**** EXAM 3 HANDED OUT ****

Thursday, November 26th

NO CLASS – HAPPY THANKSGIVING!

Thursday, December 3rd

Exam 3 Due

Final Project Due

Final Project Presentations

Thursday, December 10th (5:45 – 7:45 PM)

Final Project Presentation Overflow