

University of North Texas
School of Library and Information Sciences
Microcomputer Applications for Information Management
SLIS 5730
Saturdays 9:00 am. - 5:00 pm.
(meets 6/ 5, 6/12, 6/19, 6/26 and 7/3)

Instructor

Dr. Guillermo A. Oyarce
University of North Texas
School of Library and Information Sciences
Information Sciences Building, #207
P.O. Box 311068
Denton, Texas 76203-1068
Voice: (940) 565-2445
Fax: (940) 565-3101
EMAIL: oyga@unt.edu

Description

This course will cover the following topics:

1. Computer hardware & software
2. Operating systems
3. Modems, networks & the Internet

Students will work in teams to create and modify sites utilizing collections developed by the school in previous courses and sponsored projects.

Course Goals and Objectives

Demonstrate understanding of microcomputer applications
Demonstrate understanding of installing software/hardware.
Demonstrate understanding of networking.

Books

How Computers Work by Ron White, Published by Que
How Networks Work by Frank Derfler & Les Freed, Published by Que

Methodology

This course will be delivered through lectures and practical demonstrations. Some issues will require individual readings and writing of synthesized material. Three students will form a working group. The web page for this course is <http://oyga.lis.unt.edu/spring04/5730/>.

Assignments and Grading

Main Topic Critique and Discussion (30%)

Students working in teams will focus on an area related to Web Transaction Analysis on which they will prepare a technical report to be presented at the end of the semester. A working plan will be presented to and approved by the instructor. Partial progress reports will be turned in at mutually agreed dates during the semester. This is a literature research project designed to enrich the course.

Annotated Bibliography (15%)

This is related to the main topic critique and discussion. Working in teams, students will create an annotated bibliography of at least 30 citations relevant to their main topic. Assignments will be graded based on completeness, organization, clarity and creativity.

Software Project (30%)

This is a major semester-long team project. It may or may not be related to the Main Topic described above.

Class Projects (15%)

These are homework and all class or short-term assignments.

Leadership and Participation Grade (10%)

This grade will reflect the student's participation in the class as an active learner and in the work team as an active member.

Grading Criteria

A = 90 –100

B = 80-89

C = 70-79

D = 60-69

F = 59 and below

Attendance

Attendance and participation is required.

Student Conduct

Academic Misconduct

Get familiar with the UNT Policy Manual Code of Student Conduct and Discipline:
http://www.unt.edu/planning/UNT_Policy/volume3/18_1_11.html. Two pertinent excerpts:

“Plagiarism and cheating refer to the use of unauthorized books, notes, or otherwise securing help in a test; copying tests, assignments, reports, or team papers; representing the work of other as one’s own; collaborating, without authority, with another student during an examination or in preparing academic work; or otherwise participating scholastic dishonesty.”

“Academic dishonesty matters may first be considered by the faculty member who may assign penalties such as failing, reduction or changing of a grade in a test, course, assignment, or other academic work, denial of a degree and/or performing additional academic work not required of other students in the course. If the student does not accept the decision of the faculty member, he/she may have his/her case heard by the academic department chairperson or head for review of his/her case. If the student does not accept the decision of the academic department chairperson, he/she may then follow the normal appeal procedures listed in Disciplinary Procedures.”

ADA Compliance

Anyone with a disability that will require accommodation under the terms of federal regulations must present a written accommodation request to the instructor within eleven days after the first class session. Copies of the school’s ADA Compliance Policy, ADA Policy on Auxiliary Aids and Reasonable Accommodation, and the ADA Grievance Procedures are available through the main office of the School of Library and Information Sciences (ISB 205, telephone 940-565-2445). It is also recommended that you register with the Office of Disability Accommodation (University Union 318A, telephone 940-565-4323).

Tentative Schedule

- June 5: Boot-up process – Hardware components - Microchips & Data storage
 Part 1-2 (White, chap: 1-6, p. 2 – 91)
 Part 3-4 (White, chap: 7-14, p.92 – 171)
- June 12: Input/output devices - Multimedia
 Part 5 & 8 (White, chap: 15-25, 35-36, p. 172 – 263, 348 – 373)
 Part 6 (White, chap: 26-28, p. 264 – 293)
- June 19: Communicating by wire & Mixing computers and telephones, the Internet
 Part 7 (White, chap: 29-34, p. 294 – 347)
- June 26: Windows install process and issues - Local area networks (LANs)
 Part 1-2 (Derfler & Freed, chap: 3-16, p. 1 – 79)
 Part 3 (Derfler & Freed, chap: 12-19, p. 80 – 153)
- July 3: LINUX install process and issues - Open source
 Part 4-5 (Derfler & Freed, chap: 20-25, p. 154 – 203)
 Part 6-7 (Derfler & Freed, chap: 26-27, p. 204 – 223)