

WAYNE COMMUNITY COLLEGE
Syllabus for CTS 289-40, Systems Support Project
Fall (II) 2009, Online

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Course Description:

Class Hours 1, Lab Hours 4, Clinical/Work Experience Hours 0; Semester Hours 3

This course provides an opportunity to complete a significant systems project from the design phase through implementation with minimal instructor support. Emphasis is placed on project definition, documentation, installation, testing, presentation, and training. Upon completion, students should be able to complete a project from the definition phase through implementation.

Prerequisite(s): CTS 285

Co-requisite(s): None

Required Textbook:

There is no required textbook for the course. However, this course assumes that you have read or covered material from the following text used in CTS 285, Systems Analysis and Design:

Systems Analysis and Design, 8th Edition by Gary B. Shelly, Thomas J. Cashman, Harry J. Rosenblatt. Course Technology Incorporated, 2009, ISBN 0-324-59766-5.

Lecture slides from the text will be provided in PDF format. Older editions of the text are acceptable, as we will only use this resource for reference.

Other Required Materials/Software

Personal Computer with Windows XP or Windows Vista.

This semester you will have several options for implementing your systems project. You may use the **WampServer** for Windows application stack (PHP, MySQL), Microsoft Access 2007, or Visual Basic 6. I am open to other programming languages or environments that you wish to develop in (such as the .NET framework), I only ask that you check with me beforehand to ensure that I have the necessary tools required to grade your work.

A high-speed Internet connection is strongly recommended.

Program Learning Outcomes

While program learning outcomes are being updated, a general overview of the A.A.S. Office Systems Technology Department degrees may be found in the WCC College Catalog, which is available in both hardcopy as well as electronic format online.

Course Learning Outcomes

The student will be able to complete a semester length project that will entail the concepts learned in CTS 285. Emphasis is placed on business systems characteristics, managing information systems projects, prototyping, CASE tools, and systems development life cycle phases. Students will conduct extensive research and compile the result into an articulate presentation. Upon completion of this course, students should know how to design, develop, and implement Information

Systems using state-of-the-art theories and practices. This course requires comprehensive reading skills in order to utilize the CTS 285 textbook in addition to the research; basic writing skills are needed to articulate research in an effective manner; competency in MAT 070 is required for demonstrated project design.

Learning/Teaching Methods

The teaching methods utilized during this course include: assigned readings, lectures, student discussions, labs, case materials, Internet assignments, collaborative projects, and presentation of supplemental information.

Course Requirements

As a capstone course, the focus is on project work, and all assignments serve to help you complete your projects. Thus, there are no tests or exams.

Unfortunately, due to the condensed semester, your project this semester will be completed individually; no working in teams.

Weekly Milestones	60% of grade
Final Project Submission	35% of grade
Participation	5% of grade

Grading Policy/Criteria:

Grades are assigned on a nominal seven-point scale:

A	93 - 100
B	85 - 92
C	77 - 84
D	70 - 76
F	Below 70

With the exception of officially excused absences, late assignments are not accepted. Please make sure that you have allocated adequate time to complete all assignments.

Since the course is largely self-directed, students who fall behind tend to receive a low final score.

Academic Integrity Statement

See WCC Student Handbook¹ or the College catalog for the WCC Code of Student Academic Integrity Policy. Any student caught violating the WCC Code of Student Academic Integrity Policy, (i.e., cheating, plagiarizing, or other dishonorable acts), in academic work is subject to disciplinary action. Cheating will not be tolerated. Cheating will result in an automatic “F” for the course. In the Business and Computer Technology Division cheating is defined as:

1. Using another student’s diskette to complete an assignment.
2. Allowing another student to use your diskette, or information from your diskette, to complete an assignment.
3. Keying or printing an assignment and giving it to another student.
4. Using unauthorized books, materials, or another person’s assistance while working on any graded assignment.
5. Taking an online test for another student

Students with Disabilities:

WCC is committed to seeing that students with disabilities have equal access to and participation in all programs of study. For further explanation, please note the Students with Disabilities policy in the WCC catalog or the Student Handbook. Students with disabilities can contact the Disability Coordinator, Mrs. Caroline Smith, in the Student Development office, Room WLC 115, by telephone at 919-735-5152 (x223), or at csmith@waynecc.edu.

Non-Discriminatory Statement

Wayne Community College is committed to a policy of providing educational opportunities to all students regardless of economic or social status, beliefs, sexual orientation, national origin, or physical or mental disability.

¹<http://www.waynecc.edu/catalog-schedules/>

Student Attendance Policy

The College believes students demonstrate responsibility for and commitment to their educational goals through regular attendance; therefore, students must attend 80% of the total hours of any class to receive a passing grade. Instructors will excuse no absences under this policy.

WCC attendance policy allows no more than 20% of scheduled class hours as absences. Three tardies count as one unexcused absence. Students will be counted tardy if they enter class anytime after the scheduled class hour.

Course Outline and Calendar

For a full course outline with due dates, please view the course documents section of the online blackboard class.