Midland College Syllabus

BCIS 2390
Systems Analysis and Design
2014 - 2015

Course Description
Analysis of business information needs and preparation of specifications and requirements for appropriate data system solutions. Includes instruction in information requirements analysis, specification development and writing, prototype evaluation, and network application interfaces.

Text and Supplies

This book includes a Student Study Tool CD bound in the inside back cover. Students can obtain this book from the local bookstore, or directly from Course Technology by visiting the online site: www.coursedirect.com.

Should you choose to purchase your textbooks somewhere other than the college bookstore you should always check with the instructor first to make sure that there has not been a change in books and that you are purchasing the complete package used for the course.

Student Learning Outcomes
The following student learning outcomes (SLO) will be addressed in this course:

- SLO1: Translate business requirements into information systems that support a company's short- and long term objectives.
- SLO2: Describe important IT developments and trends.
- SLO3: Analyze and discuss IT ethics issues.
- SLO4: Explain the systems development life cycle (SDLC).
- SLO5: Demonstrate critical thinking in various exercises and projects.
- SLO6: Display effective verbal and written communication skills.
- SLO7: Apply computer programming concepts to new problems or situations.
- SLO8: Prepare suitable flow charts, organization charts, and other required tools.
- SLO9: Effectively use data collection tools, including interview, questionnaire and observation.
SLO10 Explain and use decision support software, decision tables, and decision trees.

**Student Contributions**

Students MUST actively participate by completing an academic assignment required by the instructor by the official census date. Students who do not actively participate in an academically-related activity will be reported as never attended and dropped from the course.

Students are encouraged to contact the instructor at any time; however, making an appointment will guarantee the instructor’s availability at a specific time.

This will be an in-depth, fast-paced course. It is important that you attend every class and complete the weekly assignments.

*_Should you find that you are unable to complete the course, it is necessary for you to contact the Office of Student Services at Midland College and officially drop the class; otherwise a grade of “F” will be given for the semester grade._*

**Students with Disabilities**

Midland College provides services for students with disabilities through Student Services. In order to receive accommodations, students must place documentation on file with the Counselor/Disability Specialist. Students with disabilities should notify Midland College prior to the beginning of each semester. Student Services will provide each student with a letter outlining any reasonable accommodations. The student must present the letter to the instructor at the beginning of the semester.

**Class Policies:**

It is each student’s responsibility to become familiar with Midland College polices as explained in the Midland College Student Handbook. Cheating, plagiarism, and any other form of academic dishonesty will not be tolerated.

Students will be expected to exhibit professional behavior. Students are expected to attend class (for online that means login and completing assignment).

**Lab assignments/Homework:** It is important that the student complete all lab assignments or homework assignments. Late work will not be accepted. There will be no exceptions to this policy.
Grading/Evaluation of student

Your final grade will be calculated as follows:

60% - Assignments
10% - Quizzes
30% - Final Project/Exam

Course Schedule

Posted in Canvas and outside office door

Instructor Information

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Applied Technology Division

Contact Information

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