Systems Analysis

Syllabus

About your instructor

Name	Herb Kronholm
E-mail Address	herb.kronholm@mstc.edu

Office

Campus	Wis Rapids
Office	A223a
Address	500 32nd St N
City/State/Zip	Wis Rapids, WI 54494
Office Phone	(715)422-5357

About this class

Beginning Date	1/16/2012
Number of Weeks	17

Course Description

A practical course which provides an overview of the Systems Development Life Cycle and then focuses in on the analysis phase of real world computer and manual systems. Students learn concepts, techniques, and tools to aid in the analysis of existing systems, the identification of user requirements, and the design of database files. Both written and oral communications will be emphasized. Most of the work will be done in groups.

Before you begin this course

A grade of 'C-' or better in Introduction to Programming Logic (152-101).

Textbooks

Gary Shelly, Harry Rosenblatt. *Systems Analysis and Design*. Edition: 9th. Publisher: Course Technology. Year: 2012. ISBN: 978-1-133-27405-6. Pages: 735. Required

Core abilities this course will help you build

- Communicate clearly and effectively (MSTC)
- Apply technology to specific occupational tasks (MSTC)
- Demonstrate global awareness and responsiveness (MSTC)
- Work cooperatively (MSTC)

Competencies this course will help you master

1. Work as a team member.
2. Understand the role of the Systems Analysts.
4. Understand the Information System building blocks.
5. Examine the Systems Development process.
6. Understand the basics of Project Management.
7. Examine the activities of Systems Analysis.
8. Investigate Fact Finding techniques.
9. Model system requirements with Use Cases.
10. Model system data with an Entity Relationship Diagram.
11. Model system processes with a Data Flow Diagram.
12. Communicate project status.

How your performance will be graded

Grading details

Your final grade will be determined from the following components:

Tests:	60%
Assignments:	20%
Check Offs:	10%
Quizzes:	10%

Grading scale

A	96% - 100%
A-	92% - 95%
B+	88% - 91%
B	84% - 87%
B-	80% - 83%
C+	77% - 79%
C	75% - 76%
C-	73% - 74%
D+	72%
D	71%
D-	70%
F	Below 70%

How to succeed in this course

Attendance

Attendance records will be kept. It is the students responsibility to obtained missed work. The instructor will not give individual lectures for missed classes. Please give me a call if you can not make it to class.

If you have unexcused absences that equal a weeks worth of class, I will give you an oral warning, if you miss again, I will refer you to Student Services. If you have two weeks of unexcused absences, I will drop you from class.

Tests

There will be several tests given throughout the semester. Exams must be taken on the day they are scheduled. If you know you will miss an exam, let me know so we can make arrangements. A day late exam will be assigned a 50% as a grade. Two days late the exam will be assigned a 25% as the grade. Three days late, the exam will be assigned a 0% as the grade.

If you fail to maintain a 70% average on you tests, you will receive a 0% for the test component of your grade.

Early or late exams may or may not be the same exam that the class takes on the test day.

Anyone caught cheating on exams will receive an 'F' or the class and be dropped from the class.

Assignments

Assignments will be due the class meeting specified. Any assignment is late if it is not turned in at the beginning of class on the assignment due data. Late assignments turned in the same day they are due will result in a 10% reduction in points. Any other late assignments (turned in after the due date) will only be worth a maximum of 75%. Any assignment which is more than 1 week late will be worth 0%.

Check offs

Check offs will be due the class meeting assigned. Check offs will be graded on pass/fail basis. If you do not meet the criteria of the check off, the check off can be reworked.

Quizzes

At various times throughout the semester, your instructor will give a quiz over the assigned reading material. Regardless of how many quizzes are actually given, your total score on all quizzes will be scaled to be worth 10% of your grade. If your quiz grade falls below 70%, you will receive a 0% for the quiz component of your grade.

NQA Coupon

You will be expected to complete all assignments and exams on scheduled dates. However, one "No Questions Asked" (NQA) coupon will be handed out.

If you are handing in a late assignment, a late Milestone, or taking an exam late, you must staple a coupon to it. The assignment/exam will then be graded as if it were handed in on time. One coupon must be attached to the assignment/exam for each class (not calendar) day that it is late.

If lost, the coupon will not be replaced. You will receive a bonus point if you return your coupon at the end of the semester.

ADA Statement

If you know you have a recognized disability, or suspect that you might have one, it is your responsibility to identify yourself as soon as possible to the Disability Services staff in Student Services. Course standards will not be lowered but various kinds of accommodations are available to you. Adequate and reasonable time will be required to develop and provide appropriate accommodations so contact Disability Services as soon as possible. It is MSTC's goal to assist you in your individual educational plan.

Academic Integrity

The Mid-State Technical College Board, administration, faculty, and staff believe that academic honesty and integrity are fundamental to the mission of higher education. All students are expected to maintain and promote the highest standards of personal honesty and professional integrity. These standards apply to all examinations, assigned work, and projects. Therefore, a student who is found to have been dishonest, fraudulent, or deceptive in the completion of work or is willing to help others to be so, or who plagiarize; presents the work of others as his or her own, is subject to disciplinary action up to and including suspension.