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Computer Science 173
Project Management
MWF 12:00 – 12:50

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Instructor:	Dr. Stephen Hughes
e-mail:	stephen.hughes@uni.edu
Office Hours:	Tuesday 2:00 – 3:00
	Wednesday 10:00 – 11:00
	By Appointment or Open Door.
	ITTC 317

COURSE DESCRIPTION

The course will allow you to experience the issues associated with organizing, controlling, managing, and evaluating a large software project.   Through a team-based effort, you will work to provide a software solution to a local client.   Your group will be responsible for all aspects of project management, ranging from the earliest of planning stages through implementation and roll-out.

COURSE CONTENT

Textbooks
- *Getting Started in Project Management.*   Martin, Paula and Tate, Karen 2001
  ISBN: 0-471-13503-8
- *Mastering the Requirements Process*, Robertson, Suzanne and Robertson, James, 2006
  ISBN: 0-321-41949-9

Grading

Weekly Reports (15%)   Every week, your team is responsible for submitting a Weekly Report form. This report will detail the work accomplished in the previous week, goals for the upcoming week and a rough accounting of how the time of each group member was spent. These reports are to be submitted *prior* to the start of class each week, and you should be prepared to discuss the contents of this report in class.

Project Reviews (15% each x 4 = 60%)   At key points in the project, your group will be asked to report on the current state of your efforts.   You will receive more details on the expectations for each Review at the start of each cycle.   Tentative dates for these reviews are as follows:

Jan 25	Blast-off
Feb 22	Requirements Review
Mar 29	Design Review
Apr 19	Test Case Review

Final Product (25%)   Various elements of the final product will be reviewed, including, but not limited to: overall functionality, adherence to the specifications, documentation, and presentation. The final product will be assessed by both the instructor and the client.   Note: we will not be impressed if extra features are added that were not part of the original specification; it is better to

faithfully deliver what was planned than to throw in the kitchen sink in the closing weeks of the term. Each team will present their final product during the scheduled final exam time.

Participation and Teamwork (% Multiplier)   The work product submitted by your team will be objectively given a score based on its quality.   However, one of the underlying lessons of this course is the ability to function as a group and within a group. Team members will periodically evaluate themselves and each other during the semester.   The criteria will include (1) attending planned group meetings (2) doing a fair share of the work and (3) completing assigned tasks as scheduled.   Each of the grades above will be subject to a fractional multiplier to account for lack of participation and teamwork.

Letter grades will be assigned based on the following scale.

	$87 \leq B+ < 90$	$77 \leq C+ < 80$	$67 \leq D+ < 70$	
$93 \leq A$	$83 \leq B < 87$	$73 \leq C < 77$	$63 \leq D < 67$	$F < 60$
$90 \leq A- < 93$	$80 \leq B- < 83$	$70 \leq C- < 73$	$60 \leq D- < 63$	

COURSE POLICIES

Prerequisite
As a prerequisite for this course, you are expected to have earned a grade of C or better in CS 172. If this is not the case, please contact me immediately.

Office Hours
Office hours are an opportunity for you to clarify details you may have missed in class. If you come to office hours with a problem on the assignment, you should come prepared to answer questions, as well as asking them. If you have questions regarding code, you also should come prepared with access to an electronic version of your work.

Academic Integrity
Honesty and integrity are qualities we value in ourselves and in others. Therefore, you are expected to be fully aware of your responsibility to maintain the highest degree of integrity in all of your work.   It is accepted that you have read and understood the standards for academic integrity at the University of Northern Iowa, and will abide by these standards for this course.

Electronic Devices
As a courtesy to me and your peers, cell phones and other personal communication devices must be *turned off* prior to entering the classroom or lab. If you wish to use your laptop during class, be sure that it is being used for activities that are directly related to the classroom discourse. *I reserve the right to change this policy at any point during the semester*.

Special Services
If you have special academic or physical needs requiring accommodations, please meet with me during my regular office hours or schedule an appointment as soon as possible. We need to discuss any accommodations before they can be implemented.

End of Course
This course officially ends with the scheduled Final Exam session.   No work for this class will be accepted beyond that point.