

GRANDE PRAIRIE REGIONAL COLLEGE

COURSE OUTLINE - WINTER 1997

COMPUTER SYSTEMS TECHNOLOGY 2200 Systems Project

INSTRUCTOR Kenward Chin

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Office Hours: To be announced. Office hours may also be arranged by individual appointment with the instructor.

PREREQUISITES

CT 2110: Systems Analysis and Design.

COURSE DESCRIPTION

Although this course is designed to be a follow-up to Systems Analysis (CT 2110), the course will actually test your ability to implement the computing concepts you have learned over the entire CST program! You will work on a project of your own choosing (alone or in "small" groups) but you must receive approval from the instructor. You will be expected to successfully navigate your project through each phase of the software life cycle: requirements definition/specification, preliminary and detailed design, implementation of code, validation and testing. Reports will be expected at each of these developmental phases. The final product must include an operational system, detailed user manual, and appropriate system documentation.

Note: Students must choose and obtain approval of their projects before the start of the course.

COURSE MATERIALS

Required Text:

There is no required text for this course, although reference material dealing with systems analysis and design concepts may be useful.

Materials:

Materials will depend on the nature of the chosen project. It is the student's responsibility to acquire the hardware and software resources necessary to complete his/her project.

DATES TO REMEMBER

Jan 20, 1997	Last day to Drop Registration for winter courses.
Feb 24 - 28, 1997	Winter Break.
Mar 7, 1997	Last day for Withdrawing With Permission, or Changing Registration Status from credit to audit or audit to credit for winter courses.
Apr 10, 1997	Last scheduled day of classes.
Apr 14 - 18; 21 - 22, 1997	Winter Semester Exam Period. There is no final exam for this course, but students will be expected to demonstrate their projects at the conclusion of the semester.

EVALUATION PROFILE AND GRADING

Interim Project Requirements	75%
Final Project	<u>25%</u>
	100%

The exact nature of the interim and final project requirements will be documented on a separate handout. *Note that all requirements must be completed in order for the student to pass the course.*

The final percentage achieved by the student will be converted to GPRC's nine point scale as follows:

9	90 - 100	4	50 - 56
8	80 - 89	3	45 - 49
7	72 - 79	2	26 - 44
6	65 - 71	1	0 - 25
5	57 - 64		

SUBMITTING DELIVERABLES

This course is designed to simulate, in some sense, the process of developing an information system in a formal computing environment. Therefore, submissions are expected to be presented in such a way as to be acceptable in a business setting. Informally presented materials (for example, those with sloppy handwriting, messy diagrams, loose sheets of paper, or filled with grammatical errors) will have marks deducted for poor presentation.

MISSED DEADLINES

In a real world setting, missed deadlines would result in monetary penalties for late delivery, or at least in poor reviews for those analysts/programmers involved with the missed deadline. In this course setting, missed deadlines will result in deductions from assignment marks. The deadline for each project deliverable will be indicated on a handout for that deliverable. Work will be due *at the beginning of class* on the given due date.

Note: The student must complete all interim and final project requirements assigned to pass the course. Even if a deliverable is late, it still must be completed!

If an assignment is handed in after the beginning of class on the due date, it will be penalized 5%. Deadlines that are missed by up to two school days will receive a 25% penalty. Any work that is handed in after two days after the deadline will be penalized 35%. Of course, work may be handed in prior to the deadline.

Late assignments should be handed in to the instructor in person, or slipped under the instructor's office door if they will fit. In this case, the student should clearly indicate on the assignment the date and time of submission.

Note: If a portion of an assignment is handed in late, the *entire* assignment is deemed to have been submitted at that time, and will be penalized accordingly. Thus, handing in part of an assignment late causes the rest of that assignment to be penalized as well.