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GRANDE PRAIRIE REGIONAL COLLEGE
Department of Computer Systems Technology
Course Outline

CT 2290 - SYSTEMS PROJECT 3(0-5)

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- COURSE REQUIREMENTS:**
1. The project must provide a learning experience for the student.
 2. The project should be able to be completed in 3 months.
 3. The team leader will meet with the user and the instructor once per week to update the status, solve problems, brainstorm, etc.

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 lifecycle: 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 project must include: 1) an operational system, 2) detailed user manual, 3) appropriate systems documentation.

- COURSE OBJECTIVES:**
1. to give the student the opportunity to gain work experience by simulating a real-life project.
 2. to allow the student to integrate, use and further develop the knowledge and skills obtained to date.
 3. help student to learn to function as a team member.

EVALUATION:	Systems Definition (week 2)	5%
	Preliminary Software Requirements Specifications (week 3)	2%
	Final Software Requirements Specifications (week 4)	3%
	Preliminary Draft of User's Manual (week 4)	2%
	Design Review (week 6)	5%
	Prototype Demonstration (week 9)	15%
	Preliminary Design Specifications for Modest Version (week 9)	2%
	Final Design Specifications for Modest Version (week 10)	3%
	Critical Design Review (week 10)	5%
	Test Plan for Modest Version (week 11)	5%
	Second Draft of User's Manual (week 12)	3%
	Final Documentation for Modest Version (week 15)	20%
	Acceptance Testing and Demonstration (week 15)	30%

- COURSE FORMAT:**
1. 15 weeks.
 2. Teamwork preferable.
 3. The same project can be developed by different teams individuals.
 4. Usually divided as follows.