

GRANDE PRAIRIE REGIONAL COLLEGE  
Department of Science  
Course outline

CT 2110 - SYSTEMS ANALYSIS AND DESIGN 3(4-1)

**INSTRUCTOR:** Dorothy Mudryk

**OFFICE:** C201

**PHONE:** 539-2964

**TEXT:** Systems Analysis and Design Methods, Whitten/Bentley/ Barlow, Irwin Publishers.

**PREREQUISITE:** CT 1420

**COURSE DESCRIPTION:** By means of lectures and CASE studies you will be introduced to the methods used by Systems Analysts in designing computer systems that meet the information needs of an organization. A systems development life cycle will be discussed in detail. The case tool Exceclerator will be used for the lab portion of the course.

**COURSE DESCRIPTION:** This is an introductory course that includes an overview of information systems as well as an in-depth study of the system life cycle. Course emphasis will focus on tools and techniques used by the analyst/programmer to design and document information systems.

<b>EVALUATION:</b>	Assignments and Quizzes:	35%
	Mid-term Exam:	25%
	Final Exam:	40%

Any quizzes will be held in class. Quizzes and assignments are worth the same.

**Exams**

The mid-term exam is held in class and is worth 25%. The final exam is scheduled by the Registrar and is worth 40%.

**FINAL GRADE:** Final percentages are converted to GPRC's nine point scale as follows:

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

**ASSIGNMENT POLICY:** All assignments must be turned in--late or not--in order for you to receive a passing grade in this course. Late assignments will be accepted, but penalized by 25%. **Assignments will not be worth any marks unless a 50% average is maintained on all exams and quizzes.**