

SEP. 10 2002

Grande Prairie Regional College
Department of Computing, Mathematics and Statistical Sciences
Course Outline

CT3610 3(3-0-3)UT Lecture MW 14:30 – 15:50
Lab R 14:30 – 17:20

INSTRUCTOR: Dr Angel Nikolov
Office: C402 **Office Hours:** 10 am-4 pm if not in class
Phone: 2071

Course Description

By means of lectures and Laboratories students will be introduced to the methods used by Systems Analysis and Design. A systems development life cycle will be discussed in detail.
Topics: Information Systems(IS) building blocks, IS development, Project Management, Requirement Discovery, Data Modeling and Analysis, Process modeling, Feasibility Analysis and System Proposal, System Design, Application Architecture, Database Design, Output Design, Input Design, User Interface Design, Systems Construction and Implementation, Systems operations and Support.

Prerequisite: CS 1140 Introduction to Computer Science

Required text: Whitten J.L. and Bentley L.D., Systems Analysis and Design Methods, 5th Edition,

Grading Assignments 30%
 Term Test 15%
 Quizzes-20%
 Final Exam 35%

All assignments must be completed and handed in,
Penalties for overdue assignments:
24 hrs - 10%
one week - 25%
more than one week - 40%.

Tentative Class Schedule and Assignments

Week	Topic
1	Introduction
2	Chapter 1 and 2
3	Chapter 3
4	Chapter 4
5	Chapter 5 and 6
6	Chapter 7
7	Chapter 8
8	Chapter 9
9	Chapter 10
10	Chapter 11 and 12
11	Chapter 13 and 14
12	Chapter 15
13	Chapter 16
14	Chapter 17 and 18
15	Review