

**Systems Analysis and Design**  
**CS 3610 - Fall 2010**  
**UT 3 (3-0-2)**  
**Course Outline**

**Instructor** : Franco Carlacci  
**Office** : C422  
**Phone** : 539 2091  
**Prerequisite** : CS1140  
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## **TRANSFER AGREEMENT**

The transfer agreements set out for this course can be found by visiting the [Alberta Council on Admission and Transfer](#) web site

## **CALENDAR DESCRIPTION**

The calendar description for this course can be found at the [GPRC](#) website.

## **COURSE DESCRIPTION**

By means of lectures and CASE studies you will be introduced to the methods used by Systems Analysts in determining the information needs of an organization. A systems development life cycle will be discussed in detail. Emphasis will be placed on object-oriented development using the Unified Modelling Language (UML).

## **EVALUATION**

Assignments (Lab and takehome)	: 45%
Midterm 1	: 15%
Midterm 2	: 15%
Final	: 25%

Assignments that are less than one week late will be penalized 20%; assignments submitted after that period will receive a grade of 0. Please note that you must submit ALL assignments (even late ones!) if you want the assignment portion to count towards your final grade.

## **GRADING CRITERIA**

I will use the grading system tables found on page 43 of the 2009-2010 GPRC Calendar. Please note that a Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions.

## **STATEMENT ON PLAGIARISM AND CHEATING:**

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

## **ATTENDANCE**

I will be taking attendance in this class. If you miss more than 5 classes, you may be barred from writing any final exam.

## **TEXTBOOK**

The text for this course is *Systems Analysis and Design with UML Version 2.0: An Object-Oriented Approach, 3rd Edition* by Alan Dennis, Barbara Haley Wixom, David Tegarden.