# Operating Systems
# CS 3790 - Fall 2006
# 3 (3-0-2) UT
# Course outline

**Instructor** : Franco Carlacci
**Office** : C422
**Phone** : (539) - 2091
**Prerequisite** : cs1150
**URL** : *http://franco.carlacci.com*

## 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

In this course the student will be introduced to concepts and features commonly found in operating systems. Class discussions will focus on traditional operating system topics ( processes, memory management, file systems and input/output) as well as distributed operating systems topics ( communications, synchronization, and distributed file systems). A variety of operating systems will be studied as examples.

This is a hands-on course with students experimenting with ( and modifying ) the internals of various operating systems . A good understanding of C as well as Java is required for the lab component of this course.

## Course Material and Text

The text to be used in this course is :*Operating Systems Concepts - Seventh Edition* by Silberschatz, Galvin and Gagne

## Marking Scheme

**assignments ( take-home and lab )** : 50%
**midterm** : 15%
**Final** : 35%