

**Operating Systems
CS 3790 - Fall 2009
3 (3-0-2) UT
Course outline**

Instructor : Franco Carlacci
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Prerequisite : cs1150
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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

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 - eighth Edition* by [Silberschatz, Galvin and Gagne.](#)

Also material for this course will be made available at <http://www.carlacci.com>.

Marking Scheme

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