

**Operating Systems**  
**CT 3790 - Fall 2002**  
**3 (3-0-2) UT**  
**Course outline**

SEP. 10 2002

**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* by [Silberschatz, Galvin and Gagne](#)

### Marking Scheme

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

*Page last updated on September 04, 2002 by Franco Carlacci*