

**Operating Systems  
CT 3790 - Fall 2003  
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* by [Silberschatz, Galvin and Gagne](#)

### **Marking Scheme**

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

*Page last updated on August 21, 2003 by Franco Carlacci*