CS 3130
TeleCommunications and Computers
(3 hours lecture and 3 hours lab)

Instructor : Franco Carlacci
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Prereq : CS2010
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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

This course will focus on learning about interprocess communication (IPC) mechanisms and how they can be used to write network applications. We will focus primarily on those available in the Windows family of operating systems. The C language will be the primary coding language. In the process of learning about these IPC mechanisms, we will take a more in-depth look at some of the most popular protocols in use in LANS and WANS.

Text

There is no required text for this course; however, the following are strongly recommended

Win32 System Programming Second Edtion by Johnson Hart.

Network Programming in Windows NT by Alok K. Sinha

Multithreading Applications in Win32 by J. Beveridge and R. Wiener

Internetworking with TCP/IP Volume 1 by D Comer

Advanced Windows - third edition by Jeffrey Richter

Windows NT Networking Programming by Ralph Davis

Evaluation

Assignments	30%
Major Programming Project	15 %
Midterm Exam	20%
Final Exam	35%

There is a 30% penalty for late (less than 1 week) assignments. Assignments which are more than 1 week late will not be accepted.

Some Comments

My web page is an integral part of this course. It should be checked regularly. Also, every student should have an email address that I can be guaranteed to reach you at.

Page last updated on December 30, 2004 by Franco Carlacci