

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

Instructor : Franco Carlucci
Office : C422
Phone : 539 2091
Prereq : CS2010
Home Page: <http://cmss.gprc.ab.ca/~francoc/>
Email: franco@gprc.ab.ca

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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

The recommended text for this course is

Win32 System Programming Second Edition by Johnson Hart.

In the past I have also used and referenced the following:

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

<http://wingding.gprc.ab.ca/~francoc/courses/ct3130/outline.html>

1/2/01

My web page is an integral part of this course. It, along with the discussion group for this course, 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 January 02, 2001 by Franco Carlacci