

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

W.00

SFP 1.8.2000

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Prereq : CS2010
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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

There is no recommended text for this course. In the past I have used the following:

Network Programming in Windows NT
by Alok K. Sinha

but most of my material will be drawn from Microsoft's documentation or other texts. The following is a list of some texts that I have referenced.

Multithreading Applications in Win32
by I. 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 Pugh Davis

Evaluation

Assignments	35%
Midterm Exam and 2 Quizzes	30%
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 Webpage 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. This email address should be one that I can be guaranteed to reach you at.

Page last updated on January 03, 2000 by Franco Caracci