

Course Objectives :	
 CIS*4400 will convey concepts and models for distributed systems, middleware, architectures and applications. 	
 Students will acquire the skill of designing and implementing basic distributed modules and coordinated programs. 	
Lecture topics will include basic concepts, network and communication, concurrent computation, naming and locating entities, mutual exclusion and synchronization, distributed transactions, replica and consistency, fault tolerance, and security.	
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Prerequisites

 CIS*3210 or CIS*4200 (Computer Networks), CIS*2500 or CIS*3750 (System Analysis and Design in Applications), and CIS*3530 (Database Systems and Concepts)
 Strong programming background in C, C++, or Java is required.

Introduction

← A.	 Text Book: A. S. Tanenbaum and M. van Steen: Distributed Systems - Principles and Paradigms, Prentice Hall 		
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Course Information and Schedule: Course webpage can be found at: http://snowhite.cis.uoguelph.ca/faculty_info/xil/courses/web4400/mainpage.html Lectures schedule Time: Tuesdays/Thursdays 1:00 - 2:30 PM Class Room: MACK 307 Office Hour: Tuesdays 9:00-11:00 AM

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Course	Evaluation:	
3 Assignm	ents: equally weighted 20%	
A Course	Project: 40%	
Total:	100%	

Important Dates:

Thursday 4/09/2008:	Classes begin
Thursday 25/9/2008:	Assignment #1 Due
Thursday 16/10/2008:	Assignment #2 Due
Thursday 06/11/2008:	Assignment #3 Due
Thursday 27/11/2008:	Project Due
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Ir	nportant Notes:
•	Late assignments are NOT ACCEPTED .
	Illness and severe circumstances may be
	accommodated, email your instructor at least 48 hours before the due time and provide certification whenever possible.
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ľ	important notes:
>	Your final-grade will be based on the grading system published in the university calendar.
	To appeal a mark on an assignment, you must do so within two weeks after they are handed back.
Þ	Each assignment will indicate its due time and date.
	Academic misconduct includes the submission of program code or assignment answers that appear so similar to another student's work as to be semantically indistinguishable. Misconduct cases will be handles swiftly, discreetly, and summarily by the Department in accordance with University
	pinicipies.