



1. Will this new course affect a current program?
If "yes", has a Program Revision Form been submitted concurrently?

Yes No
 Yes No

2. Teaching Department:

4. Campus
(Downtown, Macdonald,
Off Campus, Distance
Ed, Other – specify)

5. Effective Term of Implementation
(Ex. Sept. 2004 = 200409)

Term:

3. Administering Faculty/Unit:

6. Course Title (Limit 30 Characters) - required for all courses:

7. Course Number(s)
Indicate course number & the number of terms spanned:
(tick all that apply)

Subject/course number:

Course(s) Span:
 1 term
 2 consecutive terms (D1, D2)
 2 non-consecutive terms (N1, N2)
 3 terms (J1, J2, J3)

8. Course Title to Appear in the Calendar (optional)
(Limit 59 characters)
Note: This can ONLY be an expansion of word(s) abbreviated in the
30 character course title above.

9. Credit Weight
(or CEU's for non-credit CE courses):

10. Schedule Type(s):
(Enter all that apply – see form, STVSCHD in Banner for a complete list.)
(i.e. Lecture, Labs, Tutorial)

	Hours per Week	Hours per Week	Hours per Week
Lecture	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
Project	<input type="text" value="3"/>	<input type="text"/>	<input type="text"/>
Total Hours per Week:			<input type="text" value="6"/>
Total Number of Weeks:			<input type="text" value="13"/>

See attached description

11. Projected Enrolment:

12. Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):

COMP-310, COMP-251, or equivalent

If the student does not have a prerequisite should web registration be blocked?

Yes No

If "Yes" complete A and B:

A. Indicate minimum grade or test score(s) the student must attain in prerequisite course(s) or test(s):

B. Can the prerequisite course(s) or test(s) be taken in the same term as this course?

Yes No

13. Corequisite(s) Course Number(s):
Specify course number(s) and title(s):

If the student does not register for the corequisite in the same term should web registration be blocked?

Yes No

14. Consultation Reports Attached

Yes N/A

15. Additional Course Charges (must be approved by the Fee Policy Committee)

Description of Fee (e.g. screening fee)	Amount
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16. Requires Teaching, Physical, or Financial Resources Not Currently Available (attach explanation)

Yes No

17. Other Information (specify):

18. Course Description
(as it will appear in the Calendar [maximum 50 words]):
(N.B. Faculty of Medicine must append complete course outline)

Models and Architectures. Application-oriented communication paradigms (e.g., remote method invocation, group communication). Naming services. Synchronization (e.g., mutual exclusion, concurrency control). Fault-tolerance (e.g. process and replication, agreement protocols). Distributed file systems. Security. Examples of distributed systems (e.g., Web, CORBA). Advanced Topics.

19. Supplementary information to appear in the Calendar in addition to the course description.

Such as: registration restriction(s), prerequisite(s), corequisite(s), equivalent course(s), contact hours, enrolment limitations, language of instruction etc.

Please enter the information as it should appear in the calendar notes.

20. Rationale

Owing to new technologies like the Internet, distributed systems have become reality and are widely applied in practice - the WWW being a well-known example. The objective of this new course is to learn the state-of-the-art of practical distributed systems, to understand the typical problems and challenges encountered in distributed environments, and to discuss both sound and practical solutions for them. Many universities provide a course on distributed systems. So far, the School of Computer Science provides network courses that only discuss basic communication protocols. Furthermore, the School provides a course COMP-575 on Fundamentals of Distributed Algorithms. In contrast to this new course, COMP-575 addresses the subject from an algorithmic point of view and does not look into concrete realizations of these algorithms. Hence, the new course complements existing courses very nicely.

INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

To be completed by the Faculty

Slot Course: Yes No

Thesis Component: Yes No

To be completed by ARR

CIP Code

For Continuing Education Use

CE Admin. Unit :

CE Non-Grant Courses:

Flat Rate: CdnFlat Rate: Yes N/A

21. Approvals:

Routing Sequence

Departmental Meeting

Departmental Chair

Other Faculty

Curric/Academic Committee

Faculty

SCTP

Name

Denis Thérien

Signature

Date

17 Sept. 2004

Departmental Contact Person (name/phone/email)

Judy Kenigsberg ext. 00895