**MCC-04-25**  
Course Revision Form  
(09/2003)

1. Will this course revision affect a current program?  
   - Yes  
   - No  
   If "yes", has a Program Revision Form been submitted concurrently?  
     - Yes  
     - No

2. Teaching Department:  
   - School of Computer Science

3. Administering Faculty/Unit:  
   - Science

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

5. Effective Term of Implementation  
   - (Ex. Sept. 2004 = 200409)  
   - Term: 200509

   - ☐ Retirement

6. Credit Weight  
   (or CEU’s for non-credit CE courses):  
   - 3

   Old Credit Weight or CEU’s (if applicable)  
   - 3

7. Course Number(s)  
   Indicate course number & the number of terms spanned:  
   (tick all that apply)  
   Subject/course number:  
   - COMP 360

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

8. Number Change From:

9. Consolidation of Courses:

10. Split of Multi-Term Course:

11. Course Title (Limit 30 char.) - required for all courses.  
   - Algorithm Design Techniques

   Old Course Title (if applicable)

12. 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 in Box 11.

13. Schedule Type(s):  
   (Enter all that apply – see form, STVSCHD in Banner for a complete list.)  
   - Hours per Week
     - Lecture: 3
     - Total Hours per Week: 3
     - Total Number of Weeks: 13

14. Projected Enrolment:  
   - 50
15. Revised Prerequisite(s) (Courses or Tests) (in full)
   Specify course number(s) or name(s) of test(s):
   - COMP 251 or COMP 252
   - MATH 240 or MATH 235

   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):
      - C

   B. Can the prerequisite course(s) or test(s) be taken in the
      same term as this course?
      - Yes ☐ No ☑

   Old prerequisite course number(s)
   or test score title(s) (if applicable)
   - COMP 251

16. Revised Corequisite(s) Course Number(s) (in full):
   Specify course number(s):
   -

   If the student does not register for the corequisite
   in the same term should web registration be blocked?
   - Yes ☐ No ☑

   Old corequisite(s) course numbers (if applicable):
   -

17. Additional Course Charges (must be approved by the Fee
    Policy Committee)
    Description of Fee
    (e.g. screening fee) Amount
    -

18. Requires Teaching, Physical, or Financial Resources
    Not Currently Available (attach explanation)
    - Yes ☐ No ☑

19. Consultation Reports Attached
    - Yes ☑ No ☐ N/A

20. Other Information (specify):
    -

21. Course Description
   (as it will appear in the Calendar [maximum 50 words]):
   (N.B. Faculty of Medicine must append complete course outline)
   - A study of techniques for the design and analysis of algorithms.

22. 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.
   -
23. Rationale

MATH 240 *Discrete Structures 1* is a prerequisite for COMP 251 *Data Structures and Algorithms*, which is a prerequisite for COMP 360 *Algorithm Design Techniques*. We would like to make MATH 240 an explicit prerequisite to make the importance of MATH 240 for COMP 360 more visible.

The direct relevance of MATH 240 to COMP 360 is so strong that indeed, students who have not satisfied this prerequisite should be blocked from registering for COMP 360. COMP 252 *Algorithms and Data Structures* has been added to the prerequisites to enable those Honours students who opt out of the program to take COMP 360. In addition, MATH 235 *Basic Algebra* has been added to the prerequisites due to the fact that Joint Honours and Major Mathematics and Computer Science students take MATH 235 instead of MATH 240. This will permit those students who leave the Honours program to take COMP 360 in the Major Program in Computer Science or Joint Major Program in Mathematics and Computer Science.

24. Approvals:

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<tr>
<th>Routing Sequence</th>
<th>Departmental Meeting</th>
<th>Departmental Chair</th>
<th>Other Faculty</th>
<th>Curric/Academic Committee</th>
<th>Faculty</th>
<th>SCTP</th>
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<tbody>
<tr>
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Departmental Contact Person
(name/phone/email)
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