**McGill**

**MCC-04-63**  
**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):  
   4

   Old Credit Weight or CEU’s (if applicable)

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

   Subject/course number: COMP 303

   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.  
    Programming 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 | Hours per Week | Hours per Week |
    |----------------|----------------|----------------|
    | lecture 3      | Lab. 3         |                |
    |                |                |                |
    |                |                | Total Hours per Week: 6 |
    |                |                | Total Number of Weeks: 13 |

14. **Projected Enrolment:**

   40
15. Revised Prerequisite(s) (Courses or Tests) (in full)
Specify course number(s) or name(s) of test(s):

COMP 250, COMP 206

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 206, COMP 251, COMP 302

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

COMP 302

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 ☐ 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)

Software architecture, design patterns, object-oriented programming concepts, profiling and optimization. Students will implement a significant programming project.

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

The material taught in COMP 303 Programming Techniques, is very useful for students to know when taking COMP 304 Object-Oriented Design, COMP 361 Systems Development Project, and any higher-level course with a significant programming project in an object oriented language.

The previous prerequisites meant that many students could not take COMP 303 until the winter term of U2, which is too late.

Too many similar courses are offered in the winter term, COMP 303, COMP 304 and COMP 361, making the enrollment low in COMP 303.

COMP 303 can be effectively taught with the new prerequisites; the old ones were too much. Detailed knowledge of data structures is not required; material in 250 is enough. The text book currently used in COMP 303 fits very well with the new prerequisites.

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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Departmental Contact Person (name/phone/email)

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