14. Rationale for revised course

The previous title of "programming techniques" is too narrow and does not properly reflect the many concepts and techniques covered in the course. A very important aspect of COMP 303 is on software composition issues, which involve design-level techniques (e.g., design patterns, inversion of control) that are not strictly related to programming. Another key aspect of the course is the presentation of the concepts underlying software development tools (e.g., static and dynamic analysis tools, test automation tools). The tool-related material does not fall under the characterization of "programming techniques".

The credit reduction makes it easier to fit this course into the various programs the School offers. See for instance, the new B.Sc. Liberal Core Science Component for Computer Science

The course appears in the following programs:

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

No change

16. Old Course Description
(may be found in the Calendar or Banner)

17. Supplementary information to appear in the Calendar in addition to the course description. Such as: equivalent course(s), contact hours, enrolment limitations, language of instruction etc. Please enter the information as it should appear in the calendar notes.

18. Schedule Types(s):
(Enter all that apply – see course guidelines for a complete list.)

<table>
<thead>
<tr>
<th>Hours per Week</th>
<th>Hours per Week</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Lecture</td>
<td>3</td>
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Total Hours per Week:

Total Number of Weeks: 13

19. Projected Enrolment:
40

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

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 ☐

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

21. 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)

22. Revised Restriction(s):

Old Restriction(s)

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

24. Requires Teaching, Physical, or Financial Resources
Not Currently Available (attach explanation)

Yes ☐ No ☐

25. Consultation Reports Attached

Yes ☐ N/A ☐
### 26. Approvals:

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Sue Whitesides</td>
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<tr>
<td>Departmental Contact Person</td>
<td>Judy Kenigsberg ext. 00895</td>
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