### New Course Proposal Form
(07/2004)

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

2. **Teaching Department:**
   - 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:
   - Sept. 2007

6. **Responsible Instructor**
   - JöRG KIENZLE

7. **Course Title (Limit 30 Characters) - required for all courses:**
   - Programming Challenges

8. **Course Number(s)**
   - Indicate course number & the number of terms spanned:
   - (tick all that apply)
   - Subject/course number: COMP-321
   - Course(s) Span:
     - 1 term [x]
     - 2 consecutive terms (D1, D2)
     - 2 non-consecutive terms (N1, N2)
     - 3 consecutive terms (J1, J2, J3)

9. **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.

10. **Credit Weight**
    - (or CEU's for non-credit CE courses):
    - 1

11. **Rationale for new course**
    - Creation of 1-credit course according to suggestion by faculty of science
    - Recruitment of motivated students to participate at the ACM programming contest as part of the McGill team

12. **Course Description**
    - (as it will appear in the Calendar [maximum 50 words]):
    - (N.B. Faculty of Medicine must append complete course outline)
    - Development of programming skills on tricky challenges, games and puzzles by means of programming competitions.

13. **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.
    - At the end of the class, interested students are encouraged to join the McGill team to participate in the annual ACM International Collegiate Programming Competition.
### Schedule Types(s):
(Enter all that apply – see course guidelines for a complete list.)
(i.e. Lecture, Labs, Tutorial)

<table>
<thead>
<tr>
<th>Hours per Week</th>
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</thead>
<tbody>
<tr>
<td><strong>Lecture</strong></td>
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<tr>
<td><strong>Labs</strong></td>
</tr>
<tr>
<td><strong>Homework</strong></td>
</tr>
</tbody>
</table>

Total Hours per Week: 8

Total Number of Weeks: 5

### Required text and/or preliminary reading list sent to library?
- Yes
- X No

### Prerequisite(s) (Courses or Tests)
Specify course number(s) or name(s) of test(s):
- COMP-250 or COMP-206 or COMP-203
- MATH-223 and MATH-240

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

### 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

### Restriction(s):

### Consultation Reports Attached
- Yes
- X N/A

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

<table>
<thead>
<tr>
<th>Amount</th>
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### Requires Teaching, Physical, or Financial Resources
Not Currently Available (attach explanation)
- Yes
- No
### INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

<table>
<thead>
<tr>
<th>To be completed by the Faculty</th>
<th>To be completed by ARR</th>
<th>For Continuing Education Use</th>
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</thead>
<tbody>
<tr>
<td>Slot Course: □ Yes □ No</td>
<td>□ Yes □ No</td>
<td>□ Yes □ N/A</td>
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<td>Thesis Component: □ Yes □ No</td>
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**CE Admin. Unit:**

**CE Non-Grant Courses:**

**Flat Rate: CdnFlat Rate:** □ Yes □ N/A

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### 23. 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>
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<tbody>
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**Departmental Contact Person (name/phone/email):**

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C1-3