1. Will this new course affect a current program?  
   Yes [square]  No [square]  
   If “yes”, has a Program Revision Form been submitted concurrently?  
   Yes [square]  No [square]  

2. Teaching Department:  
   Mathematics and Statistics  

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:  
   200609  

6. Responsible Instructor  
   STAFF  

7. Course Title (Limit 30 Characters) - required for all courses:  
   Problem Seminar  

8. Course Number(s)  
   Indicate course number & the number of terms spanned:  
   (tick all that apply)  
   Subject/course number:  
   MATH 352  
   Course(s) Span:  
   [ ] 1 term  
   [ ] 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 Credit  

11. Rationale for new course  
    The motivation for creating this course comes from the students themselves. The seminar is intended to develop the problem solving skills of students. The problems considered will be of the type that occur in the Putnam and similar competitions which are often related to Euclidean geometry or elementary combinatorics and are usually very simple to state. Just thinking about these problems is a rewarding exercise for students and a very useful form of training. Finding a solution usually requires looking at the problem in just the right way.  
    The course also provides a one credit course for students who are just one credit short of their requirement, something that the Maths & Stats department does not have at the present time.  

12. Course Description  
   (as it will appear in the Calendar [maximum 50 words]):  
   (N.B. Faculty of Medicine must append complete course outline)  
   Seminar in Mathematical Problem Solving. The problems considered will be of the type that occur in the Putnam competition and in other similar mathematical competitions (1 hour/week).  

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.
14. Schedule Types(s):
   (Enter all that apply – see course guidelines for a complete list.)
   (i.e. Lecture, Labs, Tutorial)

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Hours per Week</th>
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<tbody>
<tr>
<td>Seminar</td>
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Total Hours per Week: 1
Total Number of Weeks: 1

15. Projected Enrolment:

16. Required text and/or preliminary reading list sent to library?
   Yes [x] No

17. Prerequisite(s) (Courses or Tests)
   Specify course number(s) or name(s) of test(s):
   Enrolment in a math related program or permission of the instructor.

   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 [x] No

18. 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 [x] No

19. Restriction(s):

20. Consultation Reports Attached
   Yes [x] N/A

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

22. Requires Teaching, Physical, or Financial Resources
   Not Currently Available (attach explanation)
   Yes [x] No
<table>
<thead>
<tr>
<th>Slot Course:</th>
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<tr>
<td>Thesis Component:</td>
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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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</thead>
<tbody>
<tr>
<td>Name</td>
<td>S. W. Drury</td>
<td>D. Wolfson</td>
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</tr>
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<tr>
<th>Departmental Contact Person (name/phone/email)</th>
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<tbody>
<tr>
<td>S.W. Drury 398-3830 <a href="mailto:drury@math.mcgill.ca">drury@math.mcgill.ca</a></td>
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