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: Physics

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: September 2008

6. Responsible Instructor: Prof. J. Vinals

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

   Old Credit Weight or CEU's (if applicable)
   3

8. Course Number(s)
   Subject/course number: PHYS 232
   Course(s) Span:
   □ 1 term
   □ 2 consecutive terms (D1, D2)
   □ 2 non-consecutive terms (N1, N2)
   □ 3 consecutive terms (J1, J2, J3)

9. Number Change From:

10. Consolidation of Courses:

11. Split of Multi-Term Course:

12. Course Title (Limit 30 char.) - required for all courses.
   Old Course Title (if applicable)
   Heat and Waves

13. Course Title to Appear in the Calendar (Optional)
   (Limit 59 characters):
   Heat and Waves

14. Rationale for revised course
   Change of prerequisite due to modification of freshman science program.

15. New Course Description
   (as it will appear in the Calendar [maximum 50 words]):
   (N.B. Faculty of Medicine must append complete course outline)
   First and second laws of thermodynamics, kinetic theory of gases, optical interference, polarization, electro-optics, physics of microscopic systems.

16. Old Course Description
   (may be found in the Calendar or Banner)
   First and second laws of thermodynamics, kinetic theory of gases, optical interference, polarization, electro-optics, physics of microscopic systems.
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>Lectures</th>
<th>Hours per Week</th>
<th>Hours per Week</th>
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</table>

Total Hours per Week: 3
Total Number of Weeks: 13

19. Projected Enrolment:

60

20. Revised Prerequisite(s) (Courses or Tests) (in full)
Specify course number(s) or name(s) of test(s):
CEGEP physics or PHYS 142, and CEGEP chemistry or CHEM 120,
and PHYS 230

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)

PHYS 230

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):
Not open to students taking or having passed PHYS 253

Old Restriction(s):
Not open to students taking or having passed PHYS 253

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
### INFORMATION FOR ADMISSIONS, RECRUITMENT & REGISTRAR'S OFFICE

<table>
<thead>
<tr>
<th>Slot Course:</th>
<th>Yes</th>
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<tr>
<td>CIP Code</td>
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<th>Thesis Component:</th>
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<td>Flat Rate: CdnFlat Rate:</td>
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**26. Approvals:**

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<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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**Departmental Contact Person (name/phone/email):**