

Course Change Request

Indiana University

IUPUI

Campus

Check Appropriate Boxes: Undergraduate credit [ ] Graduate credit [x] Professional credit [ ]

1. School/Division IUPUI School of Science
2. Academic Subject Code PHYS 3. Current Course Number 59000 4. Current Credit Hours 1-3
5. Current Title Reading and Research
6. Effective Semester/Year for changes listed below: Summer 2010 7. Instructor: Ricardo Decca

Type of Change Requested (Check appropriate boxes and indicate changes)

[ ] 8. Change course number to: (must be cleared with University Enrollment Services)

[ ] 9. Current course title: Change to: Recommended abbreviation (optional)

(Limited to 32 Characters including spaces)

[x] 10. Current credit hours fixed at: or variable from: 1 to 3
Change to credit hours fixed at: or variable from: 1 to 6

[ ] 11. Current lecture contact hours fixed at: or variable from: to
Change to lecture contact hours fixed at: or variable from: to

[ ] 12. Current non-lecture contact hours fixed at: or variable from: to
Change to non-lecture contact hours fixed at: or variable from: to

[ ] 13. Is this course currently graded with S-F (only) grades? Yes No
Change to S-F (only) grading? Yes No

[ ] 14. Does this course presently have variable title approval? Yes No
Is variable title approval being requested? Yes No

[ ] 15. Is this course being discontinued? For all campuses or for this campus only

[ ] 16. Current course description

Change course description to (not to exceed 50 words)

17. Justification for change See Attached Page (Use additional paper if necessary)

18. Are the necessary reading materials currently available in the appropriate library? Does Not Apply

19. A copy of every new course proposal must be submitted to departments, schools, or divisions in which there may be overlap of this course with existing courses or areas of strong concern, with instructions that they send comments directly to the originating Curriculum Committee. Please append a list of departments, schools, or divisions thus consulted.

Submitted by: [Signature] Date 1-28-2010
Department Chairman/Division Director

[Signature] Date 3/23/2010
Dean of Graduate School (when required)

Approved by: \_\_\_\_\_ Date \_\_\_\_\_
Dean

\_\_\_\_\_ Date \_\_\_\_\_
Chancellor/Vice-President

\_\_\_\_\_ Date \_\_\_\_\_
University Enrollment Services

After School/Division approval, forward the last copy (without attachments) to University Enrollment Services for initial processing, and the remaining four copies and attachments to the Campus Chancellor or Vice-President.

Question 17. Students in our MS program are required to take 6 credits of 59000. While most of them take 3 over one Summer session and 3 over a regular (either Fall or Spring) session, there are situations in which students need to take, for example, 1 credit hour over the summer and the rest during the semester. For this reason we would like to increase the credit hour range.

PURDUE UNIVERSITY

Print Form

Office of the Registrar  
FORM 40G REV. 12/09

REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF A GRADUATE COURSE  
(50000-60000 LEVEL)

DEPARTMENT Physics

EFFECTIVE SESSION Summer 2010

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- |                                     |  |                                     |   |
|-------------------------------------|--|-------------------------------------|---|
| <input type="checkbox"/>            | 1. New course with supporting documents (complete proposal form) | <input type="checkbox"/>            | 7. Change in course attributes              |
| <input type="checkbox"/>            | 2. Add existing course offered at another campus                 | <input checked="" type="checkbox"/> | 8. Change in instructional hours            |
| <input type="checkbox"/>            | 3. Expiration of a course  | <input type="checkbox"/>            | 9. Change in course description             |
| <input type="checkbox"/>            | 4. Change in course number                                       | <input type="checkbox"/>            | 10. Change in course requisites             |
| <input type="checkbox"/>            | 5. Change in course title  | <input type="checkbox"/>            | 11. Change in semesters offered             |
| <input checked="" type="checkbox"/> | 6. Change in course credit/type                                  | <input type="checkbox"/>            | 12. Transfer from one department to another |

<b>PROPOSED:</b> Subject Abbreviation <u>PHYS</u> Course Number <u>59000</u> Long Title <u>Reading and Research</u> Short Title <u>Reading &amp; Research</u>	<b>EXISTING:</b> Subject Abbreviation <u>PHYS</u> Course Number <u>59000</u>	<b>TERMS OFFERED</b> Check All That Apply: <input checked="" type="checkbox"/> Summer <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring
Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)		<b>CAMPUS(ES) INVOLVED</b> <input type="checkbox"/> Calumet <input type="checkbox"/> N. Central <input type="checkbox"/> Cont Ed <input type="checkbox"/> Tech Statewide <input checked="" type="checkbox"/> Ft. Wayne <input type="checkbox"/> W. Lafayette <input checked="" type="checkbox"/> Indianapolis

<b>CREDIT TYPE</b> 1. Fixed Credit: Cr. Hrs. <input type="text"/> 2. Variable Credit Range: Minimum Cr. Hrs. <input type="text"/> To <input checked="" type="checkbox"/> Or <input type="checkbox"/> Maximum Cr. Hrs. <input type="text"/> 3. Equivalent Credit: Yes <input type="checkbox"/> No <input type="checkbox"/> 4. Thesis Credit: Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>COURSE ATTRIBUTES: Check All That Apply</b> 1. Pass/Not Pass Only <input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only <input type="checkbox"/> 3. Repeatable <input checked="" type="checkbox"/> Maximum Repeatable Credit: <input type="text"/> 4. Credit by Examination <input type="checkbox"/> 5. Special Fees <input type="checkbox"/> 6. Registration Approval Type Department <input type="checkbox"/> Instructor <input checked="" type="checkbox"/> 7. Variable Title <input type="checkbox"/> 8. Honors <input type="checkbox"/> 9. Full Time Privilege <input type="checkbox"/> 10. Off Campus Experience <input type="checkbox"/>
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Schedule Type	Minutes Per Mto	Meetings Per Week	Weeks Offered	% of Credit Allocated	Cross-Listed Courses
Lecture					
Recitation					
Presentation					
Laboratory					
Lab Prep					
Studio					
Distance					
Clinic					
Experiential					
Research					
Ind. Study					
Pract/Observ					

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Calumet Department Head _____ Date	Calumet School Dean _____ Date	Calumet Undergrad Curriculum Committee _____ Date
Fort Wayne Department Head _____ Date	Fort Wayne School Dean _____ Date	Fort Wayne Chancellor _____ Date
Indianapolis Department Head _____ Date	Indianapolis School Dean _____ Date	Undergrad Curriculum Committee _____ Date
North Central Faculty Senate Chair _____ Date	Vice Chancellor for Academic Affairs _____ Date	Date Approved by Graduate Council _____
West Lafayette Department Head _____ Date	West Lafayette College/School Dean _____ Date	Graduate Council Secretary _____ Date
Graduate Area Committee Convener _____ Date	Graduate Dean _____ Date	West Lafayette Registrar _____ Date

**Supporting Document for a New Graduate  
Course**

**To:** Purdue University Graduate Council

**From:** Faculty Member: Ricardo Decca  
Department: Physics  
Campus: IUPUI

**Date:** 2/2/2010

**Subject:** Proposal for New Graduate Course-Documentation  
Required by the Graduate Council to Accompany  
Registrar's Form 40G

For Reviewer's comments only  
(Select One)

Reviewer:

Comments:

**Contact for information if  
questions arise:**

Name: Ricardo Decca  
Phone Number: 317-278-7123  
E-mail: rdecca@iupui.edu  
Campus Address: 402 N Blackford St LD154

Course Subject Abbreviation and Number: PHYS 59000

Course Title: Reading and Research

**A. Justification for the Course:**

- Provide a complete and detailed explanation of the need for the course (e. g., in the preparation of students, in providing new knowledge/training in one or more topics, in meeting degree requirements, etc.), how the course contributes to existing fields of study and/or areas of specialization, and how the course relates to other graduate courses offered by the department, other departments, or interdisciplinary programs.
- Justify the level of the proposed graduate course (50000- or 60000-level) including statements on, but not limited to: (1) the target audience, including the anticipated number of undergraduate and graduate students who will enroll in the course; and (2) the rigor of the course.

**B. Learning Outcomes and Method of Evaluation or Assessment:**

- Describe the course objectives and student learning outcomes that address the objectives (i.e., knowledge, communication, critical thinking, ethical research, etc.).
- Describe the methods of evaluation or assessment of student learning outcomes. (Include evidence for both direct and indirect methods.)
- Grading criteria (select from dropdown box); include a statement describing the criteria that will be used to assess students and how the final grade will be determined.

**Criteria** Laboratory Exercises

- Identify the method(s) of instruction (select from dropdown box) and describe how the methods promote the likely success of the desired student learning outcomes.

**Method of Instruction** | Research

**C. Prerequisite(s):**

- List prerequisite courses by subject abbreviation, number, and title.
- List other prerequisites and/or experiences/background required. If no prerequisites are indicated, provide an explanation for their absence.

**D. Course Instructor(s):**

- Provide the name, rank, and department/program affiliation of the instructor(s).
- Is the instructor currently a member of the Graduate Faculty?  Yes  No  
(If the answer is no, indicate when it is expected that a request will be submitted.)

**E. Course Outline:**

- Provide an outline of topics to be covered and indicate the relative amount of time or emphasis devoted to each topic. If laboratory or field experiences are used to supplement a lecture course, explain the value of the experience(s) to enhance the quality of the course and student learning. For special topics courses, include a sample outline of a course that would be offered under the proposed course.

**F. Reading List (including course text):**

- A primary reading list or bibliography should be limited to material the students will be required to read in order to successfully complete the course. It should not be a compilation of general reference material.
- A secondary reading list or bibliography should include material students may use as background information.

**G. Library Resources**

- Describe the library resources that are currently available or the resources needed to support this proposed course.

**H. Example of a Course Syllabus** (While not a necessary component of this supporting document, an example of a course syllabus is available, for information, by clicking on the link below, which goes to the *Graduate School's Policies and Procedures Manual for Administering Graduate Student Programs*. See Appendix K.)

[http://www.gradschool.purdue.edu/downloads/Graduate\\_School\\_Policies\\_and\\_Procedures\\_Manual.pdf](http://www.gradschool.purdue.edu/downloads/Graduate_School_Policies_and_Procedures_Manual.pdf)