

15-506  
UWUCC AP-10/20/11  
Senate App 11/3/15

# PHYS 122 Physics II Lab-CrsRvs-2015-09-04

## Form Information

Page Naming Example: PHYS 122 Physics II Lab-CrsRvs-2015-09-04

Please direct any questions to curriculum-approval@iup.edu

### \*Indicates a required field

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<b>Proposing Department/Unit*</b>	Physics	<b>Contact Phone*</b>	7-4590

**Course Level\*** undergraduate-level

## Course Revisions

(Check all that apply; fill out categories below as specified; i.e. if only changing a course title, only complete Category A)

Category A:

Category B:

catalog\_desc\_change

mod\_prereq

**\* Teacher Education: Please complete the Teacher**

**Education section of this form (below)**

**\* Liberal Studies: Please complete the Liberal Studies**

**section of this form (below)**

**\* Distance Education: Please complete the Distance**

**Education section of this form (below)**

## Rationale for Proposed Changes (All Categories)

**(A) Why is the course being revised/deleted:**

The original intent of the department was to allow students to take the lab course concurrently or after the lecture course. With the current catalog description, students who pass the lecture one year and then try to enroll in the lecture the following year are disallowed by URSA, resulting in the issuing of many over-rides.

**(B) University Senate Summary of Rationale**

**Please enter a single paragraph summary/rationale of changes or proposal for University Senate.**

Students should be able to take lab at the same time or after lecture; changing from co-requisite PHYS 112 to prerequisite PHYS 112 at least concurrently

**(C) Implications of the change on the program, other**

No significant change; will reduce the number of over-rides given by the department secretary.

**programs and the Students:**

**Current Course Information**

**(D) Current Prefix**      PHYS

**(E) Current Number**      122

**(F) Current Course Title**      Physics II Lab

**(G) Prerequisite(s)**      Co-requisite: PHYS 112

**(H) Current Catalog Description**      Physics laboratory at level of Physics II; exercises in optics, electricity and magnetism, and radioactivity.

**Proposed Changes**

**Category A**

**Proposed Prefix**      PHYS

**Proposed Number**      122

**Proposed Course Title**      Physics II Lab

**Proposed Prerequisite(s)**      Prerequisite or Corequisite: PHYS 112

**Proposed Catalog Description**      Physics laboratory at level of Physics II; exercises in optics, electricity and magnetism, and radioactivity.

Show more>Show more

***If changing Category A, no further action required.***

**Category B (if no change, leave blank)**

**(I) Number of Credits**      Credits:  
UG Class Hours:  
UG Lab Hours:

**Proposed Number of Credits**      Credits:  
UG Class Hours:  
UG Lab Hours:

**(J) Current Course (Student Learning) Outcomes**

**Proposed Course (Student Learning) Outcomes**

**(K) Dual Listed Courses Only: List Current Learning Objectives for the Higher-Level Course**

**Dual Listed Courses Only: List Proposed Learning Objectives for the Higher-Level Course**

**(L) Brief Course Outline**      *As outlined by the federal definition of a "credit hour", the following should be a consideration*

*(It is acceptable to copy from old syllabus)*

**Brief Course Outline**      *(Give sufficient detail to communicate the content to faculty across campus.*

*It is not necessary to include specific readings, calendar or assignments)*

*As outlined by the federal definition of a "credit hour", the following should be a consideration*

*regarding student work - For every one hour of classroom or direct faculty instruction,*

*there should be a minimum of two hours of out of class student work.*

*regarding student work - For every one hour of classroom or direct faculty instruction,*

*there should be a minimum of two hours of out of class student work.*

## Distance Education Section

**- Complete this section only if adding Distance Education to a New or Existing Course**

Course Prefix/Number

Course Title

Type of Proposal

**See CBA, Art. 42.D.1 for Definition**

Brief Course Outline

**Give an outline of sufficient detail to communicate the course content to faculty across campus. It is not necessary to include specific readings, calendar or assignments**

**As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or**

**direct faculty instruction, there should be a minimum of two hours of out of class student work.**

### Rationale for Proposal (Required Questions from CBA)

How is/are the instructor(s) qualified

in the Distance Education delivery

method as well as the discipline?

For each outcome in the course, describe

how the outcome will be achieved using

Distance Education technologies.

How will the instructor-student and

student-student interaction take place?

(if applicable)

How will student achievement be evaluated?

How will academic honesty for tests

and assignments be addressed?

## Liberal Studies Section

- Complete this section only for a new Liberal Studies course or Liberal Studies course revision

Liberal Studies Course Designations (Check all that apply)

Learning Skills:

Knowledge Area:

Liberal Studies

Elective

*Please mark the designation(s) that apply - must meet at least one*

Expected  
Undergraduate  
Student

*Describe how each Student Learning Outcome in the course enables students to become Informed Learners, Empowered Learners and/or Responsible Learners*

Learning Outcomes

(EUSLOs)

*See <http://www.iup.edu/WorkArea/DownloadAsset.aspx?id=181694>*

Description of the  
Required

*Narrative on how the course will address the Selected Category Content*

Content for this  
Category

**All Liberal Studies courses are required to include perspectives on cultures and have a supplemental reading.**

**Please answer the following questions.**

Liberal Studies  
courses must  
include

the perspectives and  
contributions

of ethnic and racial  
minorities and

of women whenever  
appropriate to

the subject matter.  
Please explain

how this course will  
meet this

criterion.

**Liberal Studies**  
courses require the  
reading and use by  
students of at  
least one  
non-textbook work of  
fiction or non-fiction  
or a collection  
of related articles.  
Please describe  
how your course will  
meet this  
criterion.

## Teacher Education Section

*- Complete this section only for a new Teacher Education course or Teacher Education course revision*

Course  
Designations:

Key  
Assessments

For both new and revised courses, please attach (see the program education coordinator):

- The Overall Program Assessment Matrix
- The Key Assessment Guidelines
- The Key Assessment Rubric

File

Modified <sup>▲</sup>

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Narrative  
Description  
of the

*How the proposal relates to the Education Major*

Required  
Content

### For Deans Review

Are Resources Available/Sufficient for this Course?

Is the Proposal Congruent with the College Mission?

Has the Proposer Attempted to Resolve Potential Conflicts with Other Academic Units?

Comments: