

Curriculum Change Form
(Present only one proposed curriculum change per form)
(Complete only the section(s) applicable.)

Part I

<input type="checkbox"/> (Check one)	Department Name	Physics and Astronomy	
<input checked="" type="checkbox"/> New Course (Parts II, IV)	College	Arts and Sciences	
<input type="checkbox"/> Course Revision (Parts II, IV)	*Course Prefix & Number	PHY 406W	
<input type="checkbox"/> Hybrid Course ("S," "W")	*Course Title	Advanced Physics Laboratory	
<input type="checkbox"/> New Minor (Part III)	*Program Title		
<input type="checkbox"/> Program Suspension (Part III)			
<input type="checkbox"/> Program Revision (Part III)	*Provide only the information relevant to the proposal.	If Certificate, indicate Long-Term (University) or Short-Term (Departmental)	

	Date		Date
Proposal Approved by:			
Departmental Committee	1/24/2014	Council on Academic Affairs	3/20/2014
College Curriculum Committee		Faculty Senate**	NA
General Education Committee*	NA	Board of Regents**	NA
Teacher Education Committee*		EFFECTIVE ACADEMIC TERM***	Fall 2014
Graduate Council*	NA		

*If Applicable (Type NA if not applicable.)
**Approval needed for program revisions or suspensions.
***To be added by the Registrar's Office after all approval is received.

Completion of A, B, and C is required: (Please be specific, but concise.)

A. 1. Specific action requested: (Example: Increase the number of credit hours for ABC 100 from 1 to 2.)
To create a writing intensive course, PHY 406W, Advanced Physics Laboratory.

A. 2. Proposed Effective Academic Term: (Example: Fall 2012)
Fall 2014.

A. 3. Effective date of suspended programs for currently enrolled students: (if applicable)

B. The justification for this action:
PHY 406W, Advanced Physics Laboratory, is created parallel to the existing PHY 406. The amount of required writing in this course is sufficient for a writing intensive course. Writing is integral to the course design and consistent with the values and practices of this course. By providing this course to our students, we give them one more opportunity to fulfill their "W" requirement in addition to PHY 302W.

C. The projected cost (or savings) of this proposal is as follows:

Personnel Impact: None

Operating Expenses Impact: None

Equipment/Physical Facility Needs: None

Library Resources: None

Part II. Recording Data for New, Revised, or Dropped Course

(For a **new required course**, complete a separate request for the appropriate program revisions.)

1. For a new course, provide the catalog text.
2. For a revised course, provide the current catalog text with the proposed text using ~~striethrough~~ for deletions and underlines for additions.
3. For a dropped course, provide the current catalog text.

New or Revised* Catalog Text

(*Use ~~striethrough~~ for deletions and underlines for additions. Also include Crs. Prefix, No., and description, limited to 35 words.)

PHY 406W Advanced Physics Laboratory. (3) A. Prerequisites: ENG 102, 105(B), or HON 102; PHY 132, 202, or departmental approval. Experiments in mechanics, optics, electricity, and nuclear physics. Computer simulations of physical situations. Measurement and data analysis techniques, including error analysis. Credit will not be awarded to students who have credit for PHY 406. 5 Lec/Lab.

Part IV. Recording Data for New or Revised Course (Record only **new or changed** course information.)

Course prefix (3 letters) PHY	Course Number (3 Digits) 406W	Effective Academic Term (Example: Fall 2012) Fall 2014	College/Division: AS <input checked="" type="checkbox"/> HS _____ BT _____ JS _____ ED _____ UP _____	Dept. (4 letters)* PHAS
Credit Hrs. 3	Weekly Contact Hrs. Lecture _____ Laboratory _____ Other <u>5</u>		Repeatable Maximum No. of Hrs. _____	
Schedule Type* (List all applicable) L	Work Load (for each schedule type) 3	Grading Mode* N	Cip Code (first two digits only) 40	
			Class Restriction, if any: (undergraduate only) FR _____ JR _____ SO _____ SR _____	
		Grading Information: Course is eligible for IP (in-progress grading) for: <u>Check all applicable</u>		
		Thesis _____		
		Internship _____		
		Independent Study _____		
		Practicum _____		

CoRequisites and Prerequisites **See definitions on following page**

Co-Requisite(s): (List only co-requisites. See below for prerequisites and combinations.)

Course Prefix and No. _____

Course Prefix and No. _____

Prerequisite(s): (List prerequisites only. List combinations below. Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____

ENG 102, 105(B), or HON 102

Course Prefix and No. _____

PHY 132, 202, or departmental approval

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Co-requisite(s) and/or Prerequisite(s) Combination (Use "and" and "or" literally.) (Specific minimum grade requirements should be placed in () following courses. Default grade is D-.)

Course Prefix and No. _____

Test Scores _____

Minimum GPA (when a course grouping or student cumulative GPA is required) _____

Equivalent Course(s): (credit will not be awarded for both...; or formerly...)

Course Prefix and No. _____

PHY 406

Course Prefix and No. _____

Course Prefix and No. _____

Proposed General Education Element: Please mark (X) in the appropriate Element or Elements (e.g. – 4B(3) X).

Element 1 (9)	Element 2 (3)	Element 3 (6)	Element 4 (6)	Element 5 (6)	Element 6 (6)
1A (3)	2 (3)	3A (3)	4A (3)	5A (3)	6 (6)
1B (3)		3B (3)	4B (3)	5B (3)	
1C (3)		or 3A/B Integrated A&H(6)	or 4A/B Integrated Sciences(6)		