

ORIGINATOR'S SECTION:	
1. College: <input type="checkbox"/> CHABSS <input type="checkbox"/> CoBA <input type="checkbox"/> CoEHHS <input checked="" type="checkbox"/> CSM	Desired Term and Year of Implementation (e.g., Fall 2008): Spring 2018
2. Current Course abbreviation and Number:	

TYPE OF CHANGE(S). Check all that apply.

Course Number Change	<input type="checkbox"/>	Delete Prerequisite	<input type="checkbox"/>	Other Prerequisite Change	<input checked="" type="checkbox"/>
Course Title Change	<input type="checkbox"/>	Add Corequisite	<input type="checkbox"/>	Grading Method Change	<input type="checkbox"/>
Unit Value Change	<input type="checkbox"/>	Delete Corequisite	<input type="checkbox"/>	Mode of Instruction Change (C/S Number)	<input type="checkbox"/>
Description Change	<input type="checkbox"/>	Add Consent for Enrollment	<input type="checkbox"/>	Consider for G.E. If yes, also fill out appropriate GE form.	<input type="checkbox"/>
Add Prerequisite	<input type="checkbox"/>	Delete Consent for Enrollment	<input type="checkbox"/>	Cross-list	<input type="checkbox"/>

Information in this section— both current and new — is required only for items checked above.

NEW INFORMATION:

CURRENT INFORMATION:			NEW INFORMATION:																										
3. Title: Physics 423 Quantum Mechanics			Course abbreviation and Number:																										
4. Abbreviated Title for Banner (no more than 25 characters): PHYS 423			Title: (Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)																										
5. Number of Units: 3			Abbreviated Title for PeopleSoft: (no more than 25 characters, including spaces)																										
6. Catalog Description: A study of the concepts and theories of nonrelativistic quantum mechanics. Includes the Schrodinger equation, operators, angular momentum, the hydrogen atom, and applications to simple quantum mechanical systems. Prerequisites: PHYS 323 and MATH 346.			Number of Units:																										
7. Mode of Instruction* (See pages 17-23 at http://www.calstate.edu/cim/data-elem-dic/APDB-Transaction-DED-SectionV.pdf for definitions of the Course Classification Numbers)			Catalog Description: (Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does <u>not</u> count toward the 80-word limit.) A study of the concepts and theories of nonrelativistic quantum mechanics. Includes the Schrodinger equation, operators, angular momentum, the hydrogen atom, and applications to simple quantum mechanical systems. Prerequisite: PHYS 323.																										
<table border="1"> <thead> <tr> <th>Type of Instruction</th> <th>Number of Credit Units</th> <th>Instructional Mode (Course Classification Number)</th> </tr> </thead> <tbody> <tr> <td>Lecture</td> <td></td> <td></td> </tr> <tr> <td>Activity</td> <td></td> <td></td> </tr> <tr> <td>Lab</td> <td></td> <td></td> </tr> </tbody> </table>			Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)	Lecture			Activity			Lab			<table border="1"> <thead> <tr> <th>Type of Instruction</th> <th>Number of Credit Units</th> <th>Instructional Mode (Course Classification Number)</th> </tr> </thead> <tbody> <tr> <td>Lecture</td> <td></td> <td></td> </tr> <tr> <td>Activity</td> <td></td> <td></td> </tr> <tr> <td>Lab</td> <td></td> <td></td> </tr> </tbody> </table>			Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)	Lecture			Activity			Lab		
Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)																											
Lecture																													
Activity																													
Lab																													
Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)																											
Lecture																													
Activity																													
Lab																													
8. Grading Method:* <input type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit) <input type="checkbox"/> Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress) <input type="checkbox"/> Credit/No Credit Only (C) <input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP)			Grading Method:* <input type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit) <input type="checkbox"/> Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress) <input type="checkbox"/> Credit/No Credit Only (C) <input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP)																										
9. If the NP or CP grading system was selected, please explain the need for this grade option.																													

Tracker ✓
 RP _____
 PS _____
RECEIVED
 OCT 11 2017
 BY: _____

*If Originator is uncertain of this entry, please consult with Program Director/Chair.

CURRENT INFORMATION:

NEW INFORMATION:

<p>10. Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Faculty <input type="checkbox"/> Credential Analyst <input type="checkbox"/> Dean <input type="checkbox"/> Program/Department/Director/Chair</p>	<p>Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Faculty <input type="checkbox"/> Credential Analyst <input type="checkbox"/> Dean <input type="checkbox"/> Program/Department/Director/Chair</p>
<p>11. Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times (including first offering)</p>	<p>Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many times (including first offering)</p>
<p>12. Is Course Cross Listed: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course</p>	<p>Is Course Cross-listed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course and check "yes" in item #17 below.</p>
<p>13. Prerequisite(s):</p>	<p>Prerequisite(s): PHYS 323</p>
<p>14. Corequisite(s):</p>	<p>Corequisite(s):</p>
<p>15. Documentation attached: <input type="checkbox"/> Syllabus <input type="checkbox"/> Detailed Course Outline</p>	

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:
(Mandatory information – all items in this section must be completed.)

16. Does this course fulfill a requirement for any major (i.e. core course or elective for a major, majors in other departments, minors in other departments)? Yes No
 If yes, please specify:
 Required for Physics majors.

17. Does this course change impact other discipline(s)? *(If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.)* Check "yes" if the course is cross-listed. Yes No
 If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

 Discipline _____ Signature _____ Date _____ Support _____ Oppose _____

 Discipline _____ Signature _____ Date _____ Support _____ Oppose _____

18. Reason(s) for changing this course:
 Enrollment requirements are being changed to pre/co-requisites.

SIGNATURES : (COLLEGE LEVEL) :

(UNIVERSITY LEVEL)

Michael Burin 10/4/17
 1. Originator (Please Print) _____ Date

[Signature] 10/4/18
 2. Program Director/Chair _____ Date

[Signature] 10/9/17
 3. College Curriculum Committee _____ Date

[Signature] 10/10/17
 4. College Dean (or Designee) _____ Date

 5. UCC Committee Chair _____ Date

 6. Vice President for Academic Affairs (or Designee) _____ Date

 7. President (or Designee) _____ Date