

PHYS 324

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|---|---|
| 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 checked="" 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 checked="" 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: | | | Course abbreviation and Number: | | |
| 3. Title: Physics 324 Statistical Mechanics and Thermodynamics | | | Title: <i>(Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)</i> | | |
| 4. Abbreviated Title for Banner <i>(no more than 25 characters):</i> PHYS 324 | | | Abbreviated Title for PeopleSoft: <i>(no more than 25 characters, including spaces)</i> | | |
| 5. Number of Units: 3 | | | Number of Units: | | |
| 6. Catalog Description: Covers the laws of thermodynamics with applications to ideal and non-ideal systems. Includes elementary kinetic theory of gases, entropy, and classical and quantum statistical mechanics. Other topics covered may include magnetism and low-temperature physics. Enrollment Requirement: PHYS 203. | | | Catalog Description: <i>(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.)</i> Covers the laws of thermodynamics with applications to ideal and non-ideal systems. Includes elementary kinetic theory of gases, entropy, and classical and quantum statistical mechanics. Other topics covered may include magnetism and low-temperature physics. Prerequisite: PHYS 203. Co/Prerequisite: MATH 346 | | |
| 7. Mode of Instruction* <i>(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)</i> | | | | | |
| Type of Instruction | | Number of Credit Units | Instructional Mode (Course Classification Number) | | |
| Lecture | | | | | |
| Activity | | | | | |
| Lab | | | | | |
| 8. Grading Method:* | | | Grading Method:* | | |
| <input type="checkbox"/> Normal (N) <i>(Allows Letter Grade +/-, and Credit/No Credit)</i> <input type="checkbox"/> Normal Plus Report-in-Progress (NP) <i>(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)</i> <input type="checkbox"/> Credit/No Credit Only (C) <input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP) | | | <input type="checkbox"/> Normal (N) <i>(Allows Letter Grade +/-, and Credit/No Credit)</i> <input type="checkbox"/> Normal Plus Report-in-Progress (NP) <i>(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)</i> <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. | | | | | |

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

CURRENT INFORMATION:

NEW INFORMATION:

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|--|--|
| 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 | 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 |
| 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) | 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) |
| 12. Is Course Cross Listed: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course | Is Course Cross-listed? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, indicate which course and check "yes" in item #17 below. |
| 13. Prerequisite(s): | Prerequisite(s): PHYS 203 |
| 14. Corequisite(s): | Corequisite(s): MATH 346 |
| 15. Documentation attached: <input type="checkbox"/> Syllabus <input type="checkbox"/> Detailed Course Outline | |

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

 2. Program Director/Chair _____ Date 10/4/17

 3. College Curriculum Committee _____ Date 10/9/17

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


5. UCC Committee Chair _____ Date
 6. Vice President for Academic Affairs (or Designee) _____ Date
 7. President (or Designee) _____ Date