

The Ohio State University
Colleges of the Arts and Sciences Course Change Request

Physics

Academic Unit

Fields and Waves I

555

Book 3 Listing (e.g., Portuguese)

Course Number

Summer Autumn x Winter Spring Year 2008

Proposed effective date: choose one quarter and put an "X" after it; and fill in the year. See the OAA curriculum manual for deadlines.

A. Course Offerings Bulletin Information. Follow instructions in the OAA curriculum manual. Before you fill out the "Present Course" information, be sure to check the latest edition of the *Course Offerings Bulletin* and subsequent Circulating Forms. You may find that the changes you need have already been made or that additional changes are needed. If the course offered is less than quarter or term, please also complete the Flexibly Scheduled/OffCampus/Workshop Request form.

COMPLETE ALL ITEMS THIS COLUMN

Present Course

1. Book 3 Listing: _____
2. Number: 555 _____
3. Full Title: Fields and Waves I _____
4. 18-Char. Transcript Title: _____
5. Level and Credit Hours U G 4 _____
6. Description: (25 words or less)
Introduction to the description of electrostatic fields; dielectrics; boundary-value problems. _____
7. Qtrs. Offered : Au _____
8. Distribution of Contact Time: 4 1-hr cl.
(e.g., 3 cl, 1 3-hr lab) _____
9. Prerequisite(s): Physics133 and prereq or concur Phys 261, and Math 415 or Math 255, and Math 513 or 551 or 416. _____
10. Exclusion:
(Not open to....) _____
11. Repeatable to a maximum of _____ credits.
12. Off-Campus Field Experience: _____
13. Cross-listed with: _____
14. Is this a GEC course? No. _____
15. Grade option (circle): Ltr S/U P
If P graded, what is the last course in the series? _____
16. Is an honors version of this course available? Y NX
Is an Embedded Honors version of this course available? Y N _____
17. Other general course information: _____

COMPLETE ONLY THOSE ITEMS THAT CHANGE
Changes Requested

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. Add prerequisite of Physics 416 _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____

B. General Information

1. Do you want the prerequisites enforced electronically (see the OAA manual for what can be enforced)?
Yes

2. Does this course currently satisfy any GEC requirement, if so indicate which category?
No.

3. What other units require this course? Have these changes been discussed with those units?
None require this course.

4. Have these changes been discussed with academic units that might have a jurisdictional interest in the subject matter? Attach relevant letters.

5. Is the request contingent upon other requests, if so, list the requests?
No.

6. **Purpose of the proposed change. (If the proposed change affects the content of the course, attach a revised syllabus and course objectives and e-mail to ascurofc@osu.edu.)**
Provide computing/analysis skills prior to 555. Allows integration of computing into Physics 555.

7. Please list Majors/Minors affected by the proposed change. Attach revisions of all affected programs. This course is (check one): Required on major(s)/minor(s) A choice on major(s)/minors(s)
 An elective within major(s)/minor(s) A general elective:

8. Describe any changes in library, equipment or other teaching aids needed as a result of the proposed change or if the proposed change involves budgetary adjustments, describe the method of funding:
No changes necessary

Approval Process The signatures on the lines in ALL CAPS (e.g. ACADEMIC UNIT) are required.

- | | | |
|---|-------------------|--------|
| 1. Academic Unit Undergraduate Studies Committee Chair | Richard E. Hughes | 3/5/08 |
| | Printed Name | Date |
| 2. Academic Unit Graduate Studies Committee Chair | Richard E. Hughes | 3/5/08 |
| | Printed Name | Date |
| 3. ACADEMIC UNIT CHAIR/DIRECTOR | Richard E. Hughes | 3/5/08 |
| | Printed Name | Date |
| 4. After the Academic Unit Chair/Director signs the request, forward the form to the ASC Curriculum Office, 105 Brown Hall, 190 West 17th Ave. or fax it to 688-5678. Attach the syllabus and any supporting documentation in an e-mail to ascurofc@osu.edu. The ASC Curriculum Office will forward the request to the appropriate committee. | Richard E. Hughes | 3/5/08 |
| | Printed Name | Date |
| 5. COLLEGE CURRICULUM COMMITTEE | | |
| | Printed Name | Date |
| 6. ARTS AND SCIENCES EXECUTIVE DEAN | | |
| | Printed Name | Date |
| 7. Graduate School (if appropriate) | | |
| | Printed Name | Date |
| 8. University Honors Center (if appropriate) | | |
| | Printed Name | Date |
| 9. Office of International Affairs (study tours only) | | |
| | Printed Name | Date |
| 10. ACADEMIC AFFAIRS | | |
| | Printed Name | Date |