

UC 11418 11F

CBM003 ADD/CHANGE FORM

APPROVED FEB 22 2012

Undergraduate Council
 New Course Course Change
 Core Category: NONE Effective Fall 2012

or

Graduate/Professional Studies Council
 New Course Course Change
 Effective Fall 2012

1. Department: ECE College: ENGR
2. Faculty Contact Person: Han Q. Le Telephone: 713 743-4465 Email: hqle@uh.edu
3. Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title: ECE / 5358 / Modern Optics and Photonics
 - Instructional Area / Course Number / Short Course Title (30 characters max.): ECE / 5358 / MODERN OPTICS AND PHOTONICS
 - SCH: 3.00 Level: SR CIP Code: 14.1003 Lect Hrs: 3 Lab Hrs: 0
4. Justification for adding/changing course: To incorporate new developments in discipline
5. Was the proposed/revised course previously offered as a special topics course? Yes No

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If Yes, please complete:

- Instructional Area / Course Number / Long Course Title: / /
- Course ID: Effective Date (currently active row):

6. Authorized Degree Program(s): BSEE and BSCpE
 - Does this course affect major/minor requirements in the College/Department? Yes No
 - Does this course affect major/minor requirements in other Colleges/Departments? Yes No
 - Can the course be repeated for credit? Yes No (if yes, include in course description)
7. Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)

8. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title / /
 - Course ID: Effective Date (currently active row):

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
 Cr: 3. (3-0). Prerequisites: ECE 3317. Description (30 words max.): Lightwave fundamentals: geometrical and wave optics, interference, diffraction, scattering, Fourier optics; photonic passive & active devices: waveguides, lasers, detectors, modulators, photonic integrated circuits, displays; optical system design and engineering.

10. Dean's Signature: [Signature] Date: 12 Oct 2011

Print/Type Name: Dave P. Shattuck

