Course Approval Form

For instructions:
http://registrar.gmu.edu/facultystaff/catalog-revisions/course/

Action Requested: (definitions available at website above)
[ ] Create NEW [ ] Inactivate
[x] Modify (check all that apply below)

Course Level:
[x] Undergraduate [ ] Graduate

[ ] Title (must be 75% similar to original) [ ] Repeat Status [x] Prereq/coreq [ ] Grade Mode
[ ] Credits [ ] Schedule Type [ ] Restrictions [ ] Other:

College/School: COS **Department:** Physics & Astronomy
Submitted by: Phil Rubin **Ext:** 3815 **Email:** prubin@gmu.edu

Subject Code: PHYS **Number:** 305
(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

Effective Term: [X] Fall [ ] Spring [ ] Summer *Year* 2017

Title:
Current: Electromagnetic Theory
Banner (30 characters max w/ spaces):
New:

Fulfills Mason Core Req? (undergrad only)
[ ] Currently fulfills requirement
[ ] Submission in progress

Credits: (check one)
[X] Fixed 3
[ ] Variable to
[ ] Lec + Lab/Rct 0 or

Repeat Status: (check one)
[x] Not Repeatable (NR)
[ ] Repeatable within degree (RD)
[ ] Repeatable within term (RT)
Max credits allowed: (required for RT/RD status only)

Grade Mode: (check one)
[x] Regular (A, B, C, etc.)
[ ] Satisfactory/No Credit
[ ] Special (A, B C, etc. +IP)

Schedule Type: (check one)
LEC can include LAB or RCT if linked sections will be offered
[x] Lecture (LEC)
[ ] Lab (LAB)
[ ] Recitation (RCT)
[ ] Internship (INT)
[ ] Independent Study (IND)
[ ] Seminar (SEM)
[ ] Studio (STU)

Prerequisite(s) (NOTE: hard-coding requires separate Prereq Checking form; see above website):
C or higher in PHYS 260, or permission of instructor.

Corequisite(s):
PHYS 301

Restrictions Enforced by System: Major, College, Degree, Program, etc. Include Code(s).

Equivalencies (check only as applicable):
[ ] YES, course is 100% equivalent to
[ ] YES, course renumbered to or replaces

Catalog Copy (Consult University Catalog for models)

Description (No more than 60 words, use verb phrases and present tense)	**Notes** (List additional information for the course)
Indicate number of contact hours: Hours of Lecture or Seminar per week:	Hours of Lab or Studio:
When Offered: (check all that apply) [ ] Fall [ ] Summer [ ] Spring	

Approval Signatures

Department Approval Date College/School Approval Date

If this course includes subject matter currently dealt with by any other units, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name	Unit Approval Name	Unit Approver's Signature	Date

Undergraduate or Graduate Council Approval

UGC or GC Council Member Provost's Office UGC or GC Approval Date

Form revised 9/2/2016

Course Proposal Submitted to the College of Science Curriculum Committee (COSCC)

The form above is processed by the Office of the University Registrar. This second page is for the COSCC's reference. Please complete the applicable portions of this page to clearly communicate what the form above is requesting.

FOR ALL COURSES (required)
Course Number and Title: PHYS 305 Electromagnetic Theory

Date of Departmental Approval:

FOR MODIFIED COURSES (required if modifying a course)

- Summary of the Modification: PHYS 260 prerequisite replaces PHYS 262 and MATH 214 prerequisites

- Text before Modification (title, repeat status, catalog description, etc.):

Prerequisite(s): C or higher in PHYS 262 and MATH 214 or permission of instructor.
Prerequisite(s) enforced by registration system.

Corequisite(s): PHYS 301 or MATH 313 or MATH 413

- Text after Modification (title, repeat status, catalog description, etc.):

Prerequisite(s): C or higher in PHYS 260, or permission of instructor.
Prerequisite(s) enforced by registration system.

Corequisite(s): PHYS 301

- Reason for the Modification: Majors will no longer be taking PHYS 262, and PHYS 260 presents the relevant foundation for PHYS 305; PHYS 301 is now required for the major and covers the requisite mathematics.
