



# Course Approval Form

For instructions:

<http://registrar.gmu.edu/facultystaff/catalog-revisions/course/>

**Action Requested:** (definitions available at website above)

☐ Create NEW ☐ Inactivate  
☒ Modify (check all that apply below)

**Course Level:**

☐ Undergraduate ☒ Graduate

☐ Title (must be 75% similar to original) ☐ Repeat Status  
☐ Credits ☐ Schedule Type

☒ Prereq/coreq ☐ Grade Mode  
☒ Restrictions ☐ Other: \_\_\_\_\_

**College/School:** College of Science

**Submitted by:** Bob Weigel

**Department:** Physics and Astronomy

**Ext:** 3-1361

**Email:** rweigel@gmu.edu

**Subject Code:** PHYS **Number:** 685

(Do not list multiple codes or numbers. Each course proposal must have a separate form.)

**Effective Term:** ☒ Fall  
☐ Spring  
☐ Summer

Year 2017

**Title:** Current Classical Electrodynamics I

Banner (30 characters max w/ spaces)

New

**Fulfills Mason Core Req?** (undergrad only)

☐ Currently fulfills requirement  
☐ Submission in progress

**Credits:** (check one) ☒ Fixed → 3 to 0 or  
☐ Variable →  
☐ Lec + Lab/Rct →

**Repeat Status:** (check one) ☒ Not Repeatable (NR)  
☐ Repeatable within degree (RD) →  
☐ Repeatable within term (RT) →

Max credits allowed: (required for RT/RD status only)

**Grade Mode:** (check one) ☒ Regular (A, B, C, etc.)  
☐ Satisfactory/No Credit  
☐ Special (A, B, C, etc. +IP)

**Schedule Type:** (check one) ☒ 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):

**Corequisite(s):**

Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department.

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

Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department.

**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)
<b>Indicate number of contact hours:</b> _____ <b>When Offered:</b> (check all that apply) <input type="checkbox"/> Fall <input type="checkbox"/> Summer <input type="checkbox"/> Spring Hours of Lecture or Seminar per week: _____ Hours of Lab or Studio: _____	

## 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.

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### **FOR ALL COURSES** (required)

Course Number and Title: PHYS 685, Classical Electrodynamics I

Date of Departmental Approval: 11/04/2016

### **FOR MODIFIED COURSES** (required if modifying a course)

- Summary of the Modification:

**Remove pre-requisites and add restriction of "Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department."**

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

Prerequisites: C or higher in PHYS 402 or 502, and C or higher in MATH 313 or 314, or equivalent. Prerequisite(s) enforced by registration system.

Restrictions: None

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

**Prerequisites: Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department.**

**Restrictions: Enrollment in the Applied and Engineering Physics MS or Physics PhD degree program or permission of the department.**

- Reason for the Modification:

**Many PhD students who take this course have a BS degree from another institution, so the prerequisites were rarely satisfied. With this modification, MS and PhD students may register and all other students must obtain permission of the department.**

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