

Course Change Request

Date Submitted: 10/03/20 11:10 pm

Viewing: **PHYS 513 : Applied Electromagnetic**

Theory

Last approved: 05/12/20 4:50 am

Last edit: 10/19/20 8:57 am

Changes proposed by: prubin

Catalog Pages referencing this course

[Astronomy_\(ASTR\)](#)

[Department of Physics and Astronomy](#)

Select modification type:

Substantial

Are you completing this form on someone else's behalf?

No

Effective Term: Fall 2021

Subject Code:

In Workflow

1. **PHYS GR Committee**
2. **PHYS Chair**
3. **SC Curriculum Committee**
4. SC Associate Dean
5. Assoc Provost-Graduate
6. Registrar-Courses
7. Banner

Approval Path

1. 10/04/20 11:18 am
Ernest Barreto (ebarreto):
Approved for PHYS GR Committee
2. 10/04/20 11:45 am
Paul So (paso):
Approved for PHYS Chair

History

1. May 12, 2020 by
Johanna Riemen (jriemen)

PHYS - Physics

Course Number: 513**Bundled Courses:****Is this course replacing another course?** No**Equivalent Courses:****Catalog Title:** Applied Electromagnetic Theory**Banner Title:** Appl Electromag Theory**Will section titles vary by semester?** No**Credits:** 3**Schedule Type:** Lecture**Hours of Lecture or Seminar per week:** 3**Repeatable:** May only be taken once for credit (NR)
*GRADUATE ONLY***Default Grade Mode:** Graduate Regular**Recommended Prerequisite(s):**

None

Recommended Corequisite(s):

None

Required Prerequisite(s) / Corequisite(s) (Updates only):

None

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(Course/Test Code	Min Grade/Score	Academic Level)	Concurrency?
		PHYS 305	C	UG		
And	(PHYS 306	C	UG		
Or		PHYS 306	XS	UG)	
And		MATH 313	C	UG		
And		MATH 314	C	UG		

**Registration
Restrictions
(Updates only):**

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Include

Limited to students with a class of Senior Plus. (SCRRCLS_ONLY_SP)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to undergraduate level students. (SCRRLVL_ONLY_UG)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRREDEG_NO_NDU)

School(s):

Catalog

Description:

Classical electromagnetic theory with applications. Topics include electrostatics, magnetic fields and materials, electromagnetic wave propagation, waveguides, transmission lines, radiation, and antennas.

Justification:

We are removing prerequisites. Graduate status is sufficient. Undergraduate course requisites are inappropriate for the course and the students who take it.

Does this course cover material which crosses into another department? **Yes** ~~No~~

**Impacted
Departments:**

Department
ECE - Electrical & Computer Engineering

Learning Outcomes:

Attach Syllabus

**Additional
Attachments**

**Specialized Course
Categories:**

**Additional
Comments:**

updated justification per Phillip Rubin's email

**Reviewer
Comments**

Key: 12574