



# Course Change Request

Date Submitted: 11/13/17 12:18 pm

Viewing: **PHYS 311 : Instrumentation**

Last edit: 11/13/17 12:18 pm

Changes proposed by: prubin

**Catalog Pages referencing this course**

[Department of Physics and Astronomy](#)  
[Physics \(PHYS\)](#)

**Programs referencing this course**

**Select modification type:**

**Substantial**

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

**No**

**Effective Term:**

Fall 2018

**Subject Code:**

PHYS - Physics

**Course Number:**

311

**Bundled Courses:**

**Equivalent Courses:**

**Catalog Title:**

Instrumentation

**Banner Title:**

Instrumentation

**Will section titles vary by semester?**

No

**Credits:**

3

**Schedule Type:**

**In Workflow**

- 1. **PHYS UG Committee**
- 2. **PHYS Chair**
- 3. **SC Academic Affairs**
- 4. SC Curriculum Committee
- 5. SC Associate Dean
- 6. Assoc Provost- Undergraduate
- 7. Registrar-Courses
- 8. Banner

**Approval Path**

- 1. 11/06/17 11:51 am  
Philip Rubin  
(prubin): Approved for PHYS UG Committee
- 2. 11/08/17 3:31 pm  
Paul So (paso): Approved for PHYS Chair
- 3. 11/10/17 1:47 pm  
Jennifer Bazaz  
Gettys (jbazaz): Rollback to Initiator
- 4. 11/13/17 12:19 pm  
Philip Rubin  
(prubin): Approved for PHYS UG Committee
- 5. 11/13/17 12:22 pm  
Paul So (paso): Approved for PHYS Chair

Lecture w/Lab Laboratory

Hours of Lecture or Seminar per week:

1

Hours of Lab or Studio per week:

3

Repeatable:

May only be taken once for credit (NR)

Default Grade Mode:

Undergraduate Regular

Recommended Prerequisite(s):

PHYS 251, PHYS 261.

Recommended Corequisite(s):

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

PHYS 251, PHYS 261.

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

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?	

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description:

Introduction to basic analog and digital circuits, circuit design and simulation, and data acquisition.

Justification:

We are finding that presenting introductory and background material necessary to do the laboratory work takes too much time away from the laboratory work. Require requisites.

Does this course cover material which crosses into another department?

No

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

**Jennifer Bazaz Gettys (jbazaz) (11/10/17 1:47 pm):** Rollback: Hi Dr. Rubin- Shouldn't this course now be 4 credits considering the additional lab component and it being 4 hours per week? Keep in mind that this will impact any programs that have this course in the curriculum.

Key: 12521