

# **PH 101X: Frontiers and Opportunities in Physics**

2017 A&B-terms

W – 3:00 PM - 3:50 PM

Olin Hall Room 126

**Instructor:** Doug Petkie

Office: 120 Olin Hall

Email: [dtpetkie@wpi.edu](mailto:dtpetkie@wpi.edu)

Phone: (508) 831-5420

Office Hours: Open Door Policy (via 119 or 120 OH)

## **Course Objectives:**

(From the catalog) This is a seminar-based course intended for students that seek to understand the breadth of activities, opportunities, and career pathways that are available to students in areas related to physics. Students at any academic level considering PH as a major, both those who are decided as well as those who are undecided, should enroll in PH 101x. The class meets once a week during the fall semester (A & B terms). This course will not substitute for a PH course in the distribution requirements.

## **Learning Objectives:**

- Identify and analyze the different career pathways for physics majors
- Discuss research fields and current topics related to physics
- Identify and prepare for curricular, co-curricular, and extracurricular activities
- Explore existing e-portfolios; Design & develop your own e-portfolio
- To develop reflective practices

## **Assessment:**

The learning outcomes will be assessed through several activities and include in-class participation as well as assigned activities, typically in Canvas or Digication. The distribution is given as:

Your final grade will be computed as follows:

Participation 50%

Assignments 50%

A	89+
B	77-89
C	65-77
NR	<65

Class attendance/participation is expected at every class. Please inform me before class via email if you are unable to attend. Actively participating in class is encouraged/required (part of overall grade).

Assignments will be posted weekly in Canvas and graded as pass, fail, or developing.