

## Pitt State Pathway

(Undergraduate Course Numbers through 699)

**Please check only one:**

- Course is **currently** a “General Education” course
  - Course is listed in the current catalog, but is **NOT** a “General Education” course
  - New course that is **NOT** listed in the current catalog and has **NOT** been legislated through PSU Faculty Senate and/or KBOR
- A. Submission date: January 4, 2019
- B. Department: **PHYSICS**
- C. College: **Arts and Sciences**  
If two or more Colleges, please indicate which Colleges will be involved in teaching the course:  
Click or tap here to enter text.
- D. Name of faculty member on record for the course (may be Coordinating Professor or Chair):  
**Ben Tayo**  
*(As faculty of record, I verify all sections agree to address the Core or Essential Studies Element and corresponding Learning Outcome as indicated below.)*
- E. Course prefix: **PHYS**
- F. Course number: **104**
- G. Credit hours: **4**
- H. Title of course: **ENGINEERING PHYSICS I**  
Is this a change in the title of the course? **No**  
*(If “Yes,” a Revision to Course form will need to be completed and uploaded to the Preliminary Briefcase and will go through the legislation process.)*
- I. Will this course require a new course description? **No**  
*(If “Yes,” please insert new course description here. A Revision of Course form will need to be completed and uploaded to the Preliminary Briefcase and will go through the legislation process)*  
Click or tap here to enter text.
- J. Does this course include a co-requisite laboratory course: **Yes**  
If “Yes”, please provide the co-requisite course name and number:  
**PHYS 130 ELEMENTARY PHYSICS LABORATORY I**
- K. Will this course be available on-line: **No**  
If “Yes”, please provide a detailed explanation: Click or tap here to enter text.
- L. Semester(s) course will be offered (choose all that apply): **Fall - Spring - Summer**
- M. Prerequisite(s): **MATH 150 Calculus I**
- N. Co-requisite(s) —other than lab course named above: **Click or tap here to enter text.**

O. Select the *Pitt State Pathway* **Core Element** or **Essential Studies Element** based on the identified Learning Outcome to be covered in the course (choose only **one** set):  
 (Refer to definitions, hierarchy, and rubrics in the *Pitt State Pathway* document)

Select Only One Element

- Communication
  - **Written Communication**..... 
    - Students will communicate effectively.
- Communication
  - **Verbal Communication**..... 
    - *Students will communicate effectively.*
- Quantitative/Analytic Methods and Scientific Literacy
  - **Quantitative/Analytic Methods**..... 
    - *Students will analyze data logically.*
- Global Understanding and Civic Engagement
  - **Human Experience within a Global Context**..... 
    - *Students will explore global systems conscientiously.*
- Global Understanding and Civic Engagement
  - **Human Systems within a Global Context**..... 
    - *Students will explore global systems conscientiously.*
- Global Understanding and Civic Engagement
  - **Natural World within a Global Context**..... 
    - *Students will explore global systems conscientiously.*
- Personal and Professional Behavior
  - **Wellness Strategies**..... 
    - *Students will model productive behaviors purposefully.*

P. Will the course address a **Companion Element**? Yes  
 (Refer to definitions, hierarchy, and rubrics in the *Pitt State Pathway* document.)

If "Yes," please select one: Scientific Inquiry

Q. What is the highest anticipated level of student achievement for the stated learning outcome(s) common across all sections of the course? Note: Sample assessment strategies will be submitted on the representative syllabus. Milestone II  
 (Refer to definitions, hierarchy, and rubrics in the *Pitt State Pathway* document.)

R. Please submit course syllabus as an attachment, highlighting the following items: course objectives related to Learning Outcome(s), assessment strategies (e.g. exams, course project, etc.), and assessment tool(s) to be used to measure student achievement.

**Legislative Process**  
**Authorization and Notification Signatures**  
(Electronic signatures accepted)

**Department Chairperson** ..... Approved  Not Approved   
 \_\_\_\_\_ 2/8/2014  
Department Chairperson Signature Date

**Faculty Senate General Education Committee** ..... Approved  Not Approved   
\_\_\_\_\_  
Faculty Senate General Education Chairperson Signature Date

**Faculty Senate** ..... Approved  Not Approved   
\_\_\_\_\_  
Faculty Senate Recording Secretary Signature Date

Note: Each College curriculum representative will notify their respective College and Department(s) of the completion of the approval process.

\*Originating Department: Please **complete** the entire form, acquire the Chairperson's signature, and save as **PSP.ABC123.Form**. Save the syllabus to be attached as **PSP.ABC123.Syll**. Email the completed form and attachments to [psupathway@pittstate.edu](mailto:psupathway@pittstate.edu).

Naming convention: **PSP.ABC123.Form**  
PSP = Pitt State Pathway.  
ABC123 = Course abbreviation and number