

Central Pennsylvania Section
American Association of Physics Teachers
Fall 2016 PTRAs Workshop
Adding Engineering Design to Physics Class

The workshop will introduce a number of additional projects to use with Physics classes to incorporate engineering design into the high school curriculum as encouraged by recent changes in science standards. The process of engineering design will be discussed and modelled throughout the workshop. Participants are encouraged to bring along ideas that they have found successful with their classes as well as ideas to serve as seed for group discussion to plan new projects for use in the classroom. Although the ideas are shared for physics the concepts and activities are appropriate for all levels not just high school.

Workshop leaders: Pat Callahan ptcallahan@aol.com Dave McCachren kmccachren@comcast.net

Where: **Penn State Schuylkill Campus
Schuylkill Haven, PA
Classroom Building
R. Michael Fryer Conference Center (Room C101)**

When: **Friday, December 2, 2016**

Time: **8:30 a.m. to 3:00 p.m.**

Cost: \$75 make check payable to AAPT-CPS

Please let us know at least two weeks before the workshop so we can plan for materials.

Please send registration to: or email and pay at workshop

Hosting Institution Contact:

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