**STEM Summer Enrichment Program**

**June 13-24, 2016 — 8:30 a.m. - 4:30 p.m., M-F**

Science, technology, engineering, and mathematics (STEM) are crucial fields for driving innovation and competiveness. STEM jobs show the highest expectation for growth: 17% as compared to 10% for jobs overall. By 2018, there may be as many as 2.4 million unfilled STEM jobs in the United States.

In light of this, Penn State Harrisburg's [**School of Science, Engineering, and Technology**](https://harrisburg.psu.edu/science-engineering-technology) announces an exciting two week **STEM Summer Enrichment Workshop** (STEM-SEP) that is **free** for high school students who are accepted to the program. The workshop is designed to improve students' knowledge through hands-on activities in a variety of STEM areas, including:

* mathematics
* computer science
* chemistry
* biology
* civil engineering
* mechanical engineering
* electrical engineering
* physics

High school students currently in the 10th and 11th grades are invited to apply.

**Activities and benefits to participants:**

* Two field trips, a tour of several university facilities, demonstrations, hands-on experimentation, and assistance in learning how to do scientific oral presentations.
* Workshop sessions will be conducted by discipline-specific instructors with emphasis on critical thinking and problem-solving skills. Students will see for themselves in hands-on laboratory exercises that demonstrate how science and engineering devices work.
* Students who complete the summer workshops will receive a certificate of accomplishment and be invited to attend the School of Science, Engineering, and Technology Capstone Design Conference which is held in May of each year.
* Students will receive supplies and training material.
* Free lunch and snack breaks.
* Transportation for field trips is provided, but note that transportation to/from STEM-SEP each day is the responsibility of the student.

Contact the STEM-SEP directors for more information about this project:

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