

July 16th – 20th

GEMS II

Grades: 9-12

(Gains in the Education of Mathematics & Science)



Rocketry



Optics & Lasers

Electrical Design



GEMS II is an ARL(Army Research Lab) High School program consisting of a series of engaging, hands-on modules. Students selected for the GEMS II program will experience a week of interesting STEM-related, hands-on activities involving (electrical engineering, robotics, rocketry, computer science, cyber security, lasers, and much more) Students get an opportunity to work with scientists, engineers, physicists and military personnel in world class laboratories and facilities that are not open to the public. GEMS is an excellent opportunity for high school students to explore careers as they prepare to make important career and college choices.

Robotics



Engineering & Technology



\$100 stipend will be awarded to each participant upon completion of the week long program.

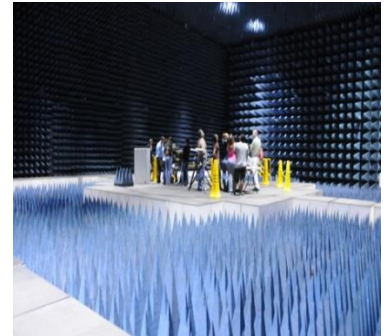
Student Mentors: Students who participated in this program during previous years can apply this year to be a student mentor.

To Apply go to the following website
<http://www.usaeop.com/wsmr/>

Deadline for Applications: APRIL 30th

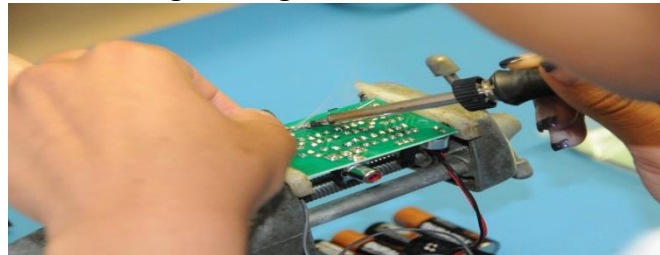
If you have any questions contact:
Ms. Hamilton: jhamilto@lcps.net

Research & Technology



Lots of FUN!!!

Electrical Engineering



Computer Science

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Click on the “2018 GEMS II Application” and complete application online

Deadline for Applications:
April 30th

GEMS Grades 9-12

The following information will be asked on the online application:

1. List a few of the science, technology, engineering & mathematics (STEM) -related or advanced placement (AP) courses you have taken, are presently taking or plan to take in the near future.
2. What do you enjoy doing in your spare time? (non-stem related)
3. What are your career goals? Are you considering joining or working for the US military?
4. Why would you like to participate in GEMS this summer?
5. What areas of science, technology, engineering, and mathematics (STEM) are you most interested in? Why?
6. You will also need contact information for 2 references.

For questions contact:

Ms. Jennifer Hamilton

jhamilto@lcps.net

Las Cruces High - Room E 106 (575) 642-0313

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