**PCC ROCK CREEK STEM CAMP**  
**MARCH 2019**

March 22, 23, 25, 26 at PCC Rock Creek STEAM Lab 2/102  
Selected participants will receive $500.00 scholarships applying toward the MT program!

This free STEM camp is targeting high school graduates-class of ’19, recent high school graduates or students entering their senior year, freshmen at PCC with undeclared major, and who have a very strong interest in joining a career technical program at PCC in the summer or fall of 2019 or soon thereafter. The main goal of each camp activity is to have all of the participants explore and start studying for a career in **MICROELECTRONICS TECHNOLOGY (MT)-the art of making MICROPROCESSORS**.

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<tr>
<th>S</th>
<th>Day 1, Friday-March 22 Science</th>
<th>4:00 PM-6:00 PM STEAM Lab, RC 2/102</th>
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<tr>
<td>T</td>
<td>Day 2, Saturday March 23 Technology</td>
<td>10:00 AM-1:00 AM STEAM Lab, RC 2/102</td>
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<td>E</td>
<td>Day 3, Monday March 25 Engineering</td>
<td>9:00 AM to 2:00 PM Field Trip</td>
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<td>M</td>
<td>Day 4, Tuesday March 26 Math</td>
<td>9:00 AM to 2:00 PM MATH-test</td>
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- **Introduction**
  - **The Science Night**: gas laws, demonstrate experimentally how temperature and pressure are related to each other.

- **Laser Engraver**
  - How to make and understand the function of a memory cell using the laser engraver.  
  - **The drone exercise**: learning how to control and take pictures with “Zippy”.

- **Field trip to Qorvo** ([http://www.qorvo.com/](http://www.qorvo.com/)) 9:00 to 11:00 pm “Diversity at Work” - company tour and overview. Presentation followed by a tour.  
  - **Field trip to Micro Systems Engineering, Inc./Biotronik**  
  - 12:00 to 2:00 pm “Engineering For Life” factory tour and company overview.

- **Watch an inspirational movie**: “The Man Who Knew Infinity”  
  - **The award ceremony** will take place, the winners of the three $500.00 MT scholarships will be awarded (the scholarship applies only toward the MT-AAS degree or MT classes).
Preregistration is necessary, email Dorina Cornea dcorneah@pcc.edu before March 15th!