

# DESIGN & BUILD SUMMER CAMP



Join us this summer to build a sensor interface through hands-on engineering and programming!



## PROGRAM

- Day 1: Introduction to Soldering
- Day 2: Tilt Ball Sensor coding and experiments
- Day 3: Thermistor coding and experiments
- Day 4: Conductivity coding and experiments
- Day 5: Photoresistor/laser safety alarm system



**nationalgrid**



**PSEG**

**Maximum enrollment**  
35 students/session

**Cost**  
\$500 (Check eligibility for financial aid)

## WHEN

July 25 - 29, 2022  
from 9AM to 1PM

## ELIGIBILITY

Students entering  
9<sup>th</sup>, 10<sup>th</sup> or 11<sup>th</sup> grade

Registration link: <https://tinyurl.com/SBUHsummerengcamp>

For more information and questions, please contact:  
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**Stony Brook University**

APPROVED FOR DISTRIBUTION

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This is not a Half Hollow Hills  
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endorsed activity

DR. PATRICK HARRIGAN  
SUPERINTENDENT OF SCHOOLS

*KATHLEEN D. DINOTA*  
6/10/22