An opportunity for students to learn Computer Science Principles through Project ExCITE II

Project ExCITE (*Exploring Computation Integrated into Technology and Engineering*) is an NSF-funded partnership between Hofstra University and ITEEA that has developed an enhanced College Board Advanced Placement level one-year Computer Science Principles (AP-CSP) course for Technology and Engineering students.

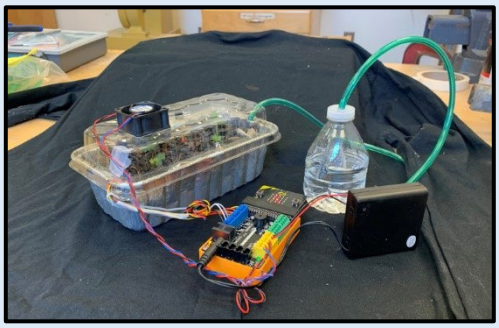
The ExCITE curriculum uses the enhanced **Beauty and Joy of Computing** (BJC) **AP-CSP** approved curriculum. The Project has added a number of computer control and robotic activities based on real-world hands-on problem-solving challenges. This course combines computer control and robotics with **STEM** and Computer Science to prepare students for careers in the fastest-growing job sector in the US!

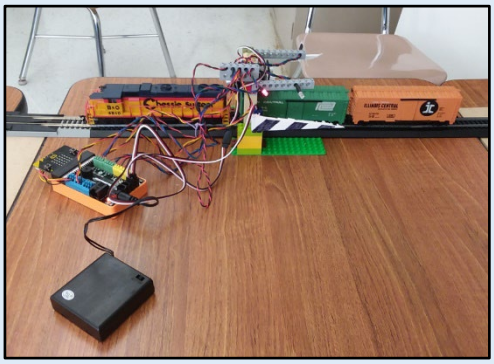
Watch a short video here

Students are needed to enroll in AP CSP by Design now!

ExCITE student benefits:

- Learn about computer science in a new and exciting way!
- Use real world robotic sensors and motors to bring projects to life!
- Learn a powerful block-based programming language, that will allow you to control a wide range of input and output devices.
- Demand for Computing jobs is growing at 13% every year (2023 Dept of Labor).
- Starting salaries are very high (in excess of $50k)
- Computing expertise enable you to solve complex, challenging problems
- Learning how computers are programmed is an essential part of a well-rounded academic program
- A lot of major companies offer computing internships





Final thoughts …

More than 65% of young people will work in jobs that currently don't exist. Learning computer science helps students thrive in a rapidly changing world … however, many students aren't getting the computer science education they need! Enroll now in a computer science course!

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