

A photograph of two students, a young man and a young woman, working on a robotics project. The young man is on the left, wearing a blue jacket, holding a black game controller. The young woman is on the right, wearing a pink hoodie, looking at a complex assembly of electronic components on a breadboard. The components include a blue battery pack, green gears, and various wires. The background is a plain white surface under a clear blue sky.

FOCUS – Fostering Opportunities and Careers Utilizing STEM

Our FOCUS program gives high school students hands-on experience in science, technology, engineering and math (STEM) through classwork and team projects led by BAE Systems employees — allowing them to explore STEM careers in depth before choosing any one path. The program demonstrates the basic principles and applications of software, mechanical, and electrical engineering through a small scale robotics competition.

Guided by experienced engineers, FOCUS projects simulate a real-world atmosphere, where students work through various elements of a project lifecycle — including development, production, testing, finance, and project management.

FOCUS

FOCUS' mission is to provide hands on experience in STEM fields to help grow students' interest in technical education and careers.

- Eighteen students per session
- Fall, Winter and Spring sessions offered — 11 weeks each
- Meetings held Wednesdays from 6-8 p.m. in Nashua, NH

Program Highlights

- Team building and collaboration
- Project Management
- Mechanical Engineering
- Electrical Engineering
- Software Engineering
- Presentation Skills
- Design Reviews

“FOCUS not only exposes students to STEM, but also gives them real world skills they will use for the rest of their lives. I am proud to be part of a program that provides students a glimpse of their future in a STEM field.”

— Jim Medeiros, FOCUS volunteer



How to apply for FOCUS

www.baesystems.com/focus

Eligibility

- High school students in the New Hampshire and Massachusetts area
- Interest in science, technology, engineering, or mathematics
- Attendance is mandatory

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