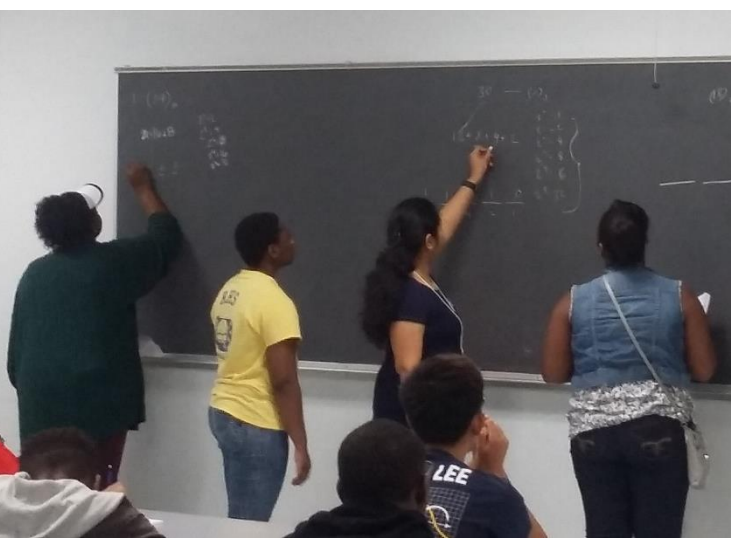


# COLLEGE REACH-OUT PROGRAM in ENGINEERING

# DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING OUTREACH PROGRAMS

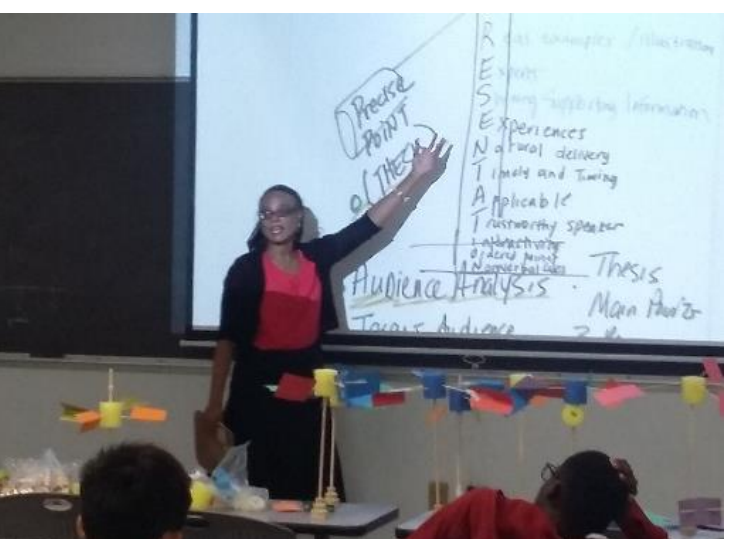


## CROP-ENG Middle School Component

The CROP-ENG middle school component works with 6<sup>th</sup>-8<sup>th</sup> grade students to provide them with *academic preparedness, college readiness, career awareness and personal/professional development.*

- Services Provided:**
- Academic Tutors
  - Mentoring Services
  - Saturday Enrichment Academy
  - Cultural and Educational Activities
  - Summer Engineering Experiences
  - Parents' Workshop Series

**Target Schools:**  
Griffin Middle School, Nims Middle School, Wakulla Middle School

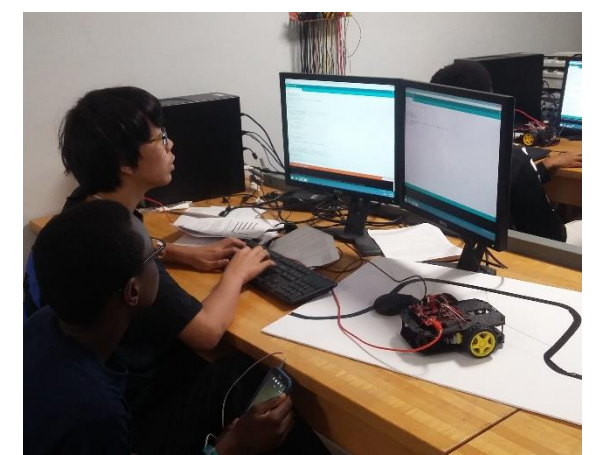
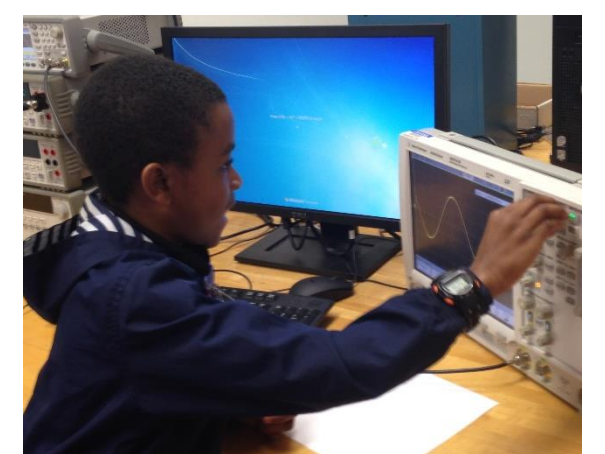


## CROP-ENG High School Component

The CROP-ENG high school component serves students in 9<sup>th</sup> through 12<sup>th</sup> grades who want to attend college and major in STEM.

- Services Provided:**
- Academic Tutors
  - Mentoring Services
  - PSAT/SAT/ACT Preparation
  - Saturday Enrichment Academy
  - Cultural and Educational Activities
  - Summer Career Exploration Experiences
  - Design Competitions
  - Research Opportunities
  - Parents' College Preparation Workshop Series
  - College Previews

**Target Schools:**  
Rickards High School, Godby High School, Lincoln High School, Wakulla High School



\* The Saturday Enrichment Academy begins at 9:00 a.m. and ends at 12:00 p.m. on every other Saturday during the academic year. The academy meets at the FAMU-FSU College of Engineering. Participants must have their own transportation to and from the sessions.



For more information : <https://www.eng.famu.fsu.edu/prospective>

# SUMMER PROGRAMS

# K-6<sup>th</sup> WORKSHOPS



## ARMY EDUCATIONAL OUTREACH PROGRAM (AEOP)

Academic summer camps that are designed for 9<sup>th</sup>-12<sup>th</sup> grade students to promote:

- *Academic Preparation* – to increase students' academic preparation in math- and science-literacy for pursuing careers in STEM majors;
- *Career Awareness* – to increase students' awareness and exposure to careers in engineering and other STEM-related careers; and
- *Engineering Competency Skill Development*-to increase students' development of technical competencies such as interpersonal skills, effective communication, teamwork, and motivation.

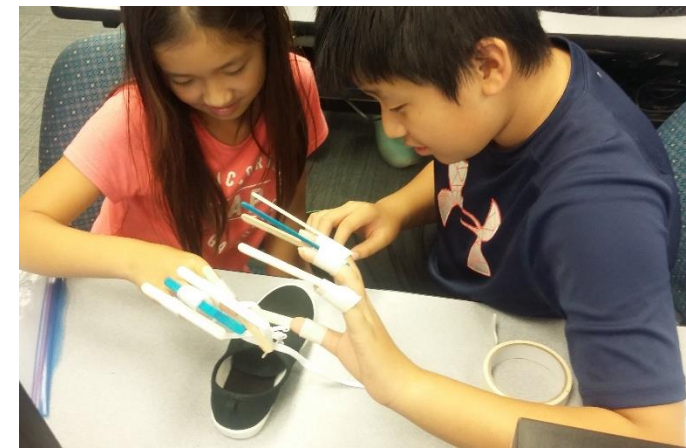
The AEOP is a portfolio of opportunities composed of competitions, unique experiences, research apprenticeships, and teacher resources designed to spark inspiration, exploration, and achievement in STEM literacy as well as foster a STEM literate 21st century workforce.



~ACADEMIC LEARNING MODULES~  
 CIRCUITS-ELECTRONICS-ALTERNATIVE  
 ENERGY-ROBOTICS-COMPUTER ENGINEERING-COMPUTER  
 SCIENCE-BIOMEDICAL ENGINEERING-  
 BIOLOGICAL & AGRICULTURAL ENGINEERING

### IMPORTANT INFORMATION

- Weekly camps are typically offered annually during the month of June.
- **Registration** is \$125 per week.
- Lunch and snack are usually provided.
- Campers must provide their own transportation to and from camp.
- Scholarships are available to eligible students.



## The TECH-tastic Workshop be inspired.

These workshops are designed for K-6<sup>th</sup> graders. During the workshop, students will gain an appreciation for engineering, technology and computer science concepts and develop an understanding of the engineering design process by completing fun design challenges.

### The Design Process

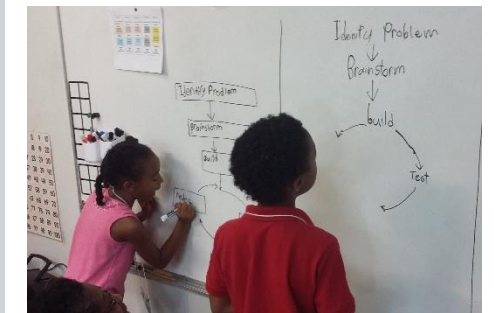


"I loved learning about the different technologies like circuits and robots."

- William B.

"The camp was great! I want to be an engineer when I grow up."

- Elijah R.



- Design Challenges
- Computer Coding
- Robotics

### FEES

- One-time Registration fee of \$10 is required.
- Cost of workshop is \$100 per week.
- Campers should bring their own lunch and snack.
- Workshops are typically offered during school breaks.