

AMERICAN SENIOR HIGH SCHOOL
ENGINEERING ACADEMY FOR STUDENT EXCELLENCE



ENGINEERING ACADEMY NEWSLETTER

JSTI & Raytheon Internships

The Joint Science and Technology Institute (JSTI) is an all-expenses-paid residential STEM research experience in Maryland or New Mexico. Students participate in a hands-on research project mentored by scientists while living on campus at a university! They gain research experience and problem-solving skills while learning about STEM careers and meeting new people.

The Raytheon Future Ready Engineers program is designed to support students' learning through a 4-week internship with a team facilitator as they work to complete an engineering focused project and develop career and college relevant skills. Interns will be guided through a structured and engaging workflow complete tasks. The internship will provide feedback and prompt interns to reflect on their skill development.

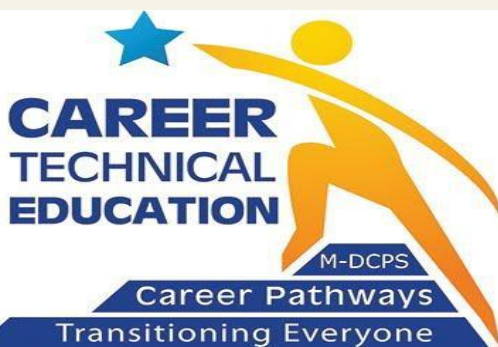
Janaysa Dorcin accepted into Harvard University



Please join us on congratulating Janaysa Dorcin on her admission into Harvard University! Her efforts and passion have paid off. As you begin a new journey your patriot family wishes you the best of luck!

FIRST Robotics Kickoff

Our FIRST Robotics team 8791 sponsored by Miami Dade College North and Raytheon Technologies kicked off the season at Miami Coral Park High on January 7th! Members Samuel Jeanpierre, Seth Brown, Zion Clark, Alexa Toribio, Daniel Smith, Osasenaga Agbons, Janaysa Dorcin, Abeldar Gregoire, David Thomas, D'Nasia Thomas, Caira Whitelocke, Cailey Whitelocke, & Ayunna Carter started designing and will compete in the South Florida Regional competition on March 3rd and the Orlando Regional on March 17th.



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2022-2023 SECME Festival and Olympiad



During the Miami Dade SECME Olympiad, Seth Brown, David Thomas, Zion Clark, Samuel Jeanpierre, and Osasenaga Agbons received the bronze STEM Designation banner on behalf of our American Senior High. Students launched egg-drop containers that met predetermined specifications, a VEX robot, a water pressured rocket designed to stay in flight, a banner based on our mascot, and competitions where they answered questions about science and math against the clock and other teams.

EASE & Cambridge Collaborate on College Tour

The Engineering Academy along with the Cambridge program traveled to Florida Gulf Coast University, University of South Florida, Florida State University, Florida A & M University, and the University of Florida. The goal of the trip was to expose students to the atmosphere, admission requirements, and accommodations of each campus. On the campuses students were able to visit classrooms, tour libraries, and special student resources. Students also had the opportunity to speak to American Senior High patriot alumni attending University Of Florida, Florida A & M University, & Florida State University.

