

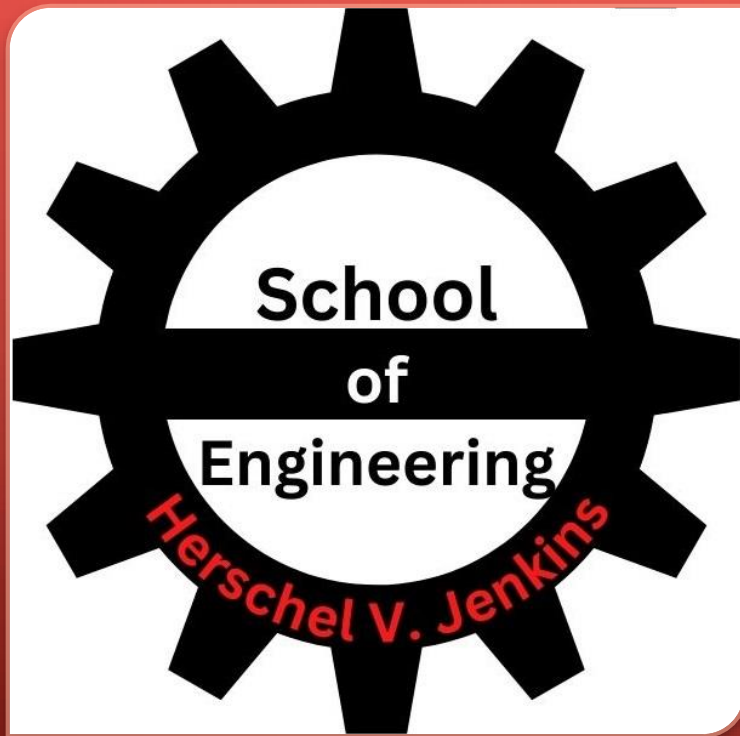
SCHOOL OF ENGINEERING AT H.V. JENKINS HIGH SCHOOL

A CHOICE PROGRAM

THIS EVENING'S AGENDA

- School of Engineering Overview
- School Tours led by Students

MISSION:



The mission of the School of Engineering is to provide a stimulating curriculum enriched in the fields of Science, Technology, Engineering and Mathematics.

The goal of the program is to produce graduates who are successful in their pursuit of higher education within these fields.

CHOICE PROGRAM DATES

Application Window Opens	January 11, 2025
Annual Student Success Expo & STEM Festival	January 11, 2025
Application Window Closes	January 31, 2025
Appeal Process	February 15-21, 2025
Lottery	March 5, 2025
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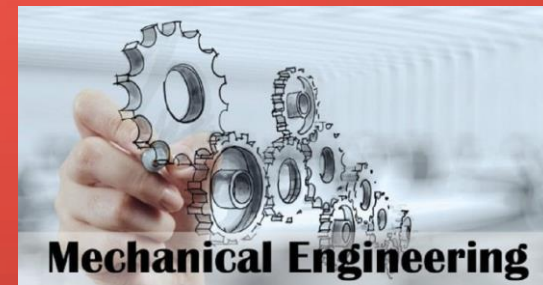
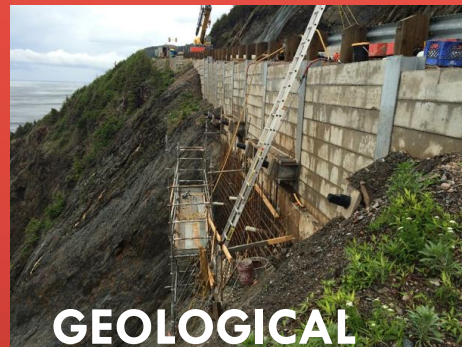
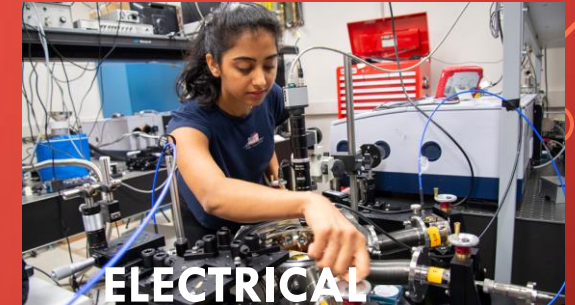
WHAT IS ENGINEERING?

- Figuring out how things work
- Finding practical uses for scientific discoveries
- Applying Science and Math concepts to solve problems

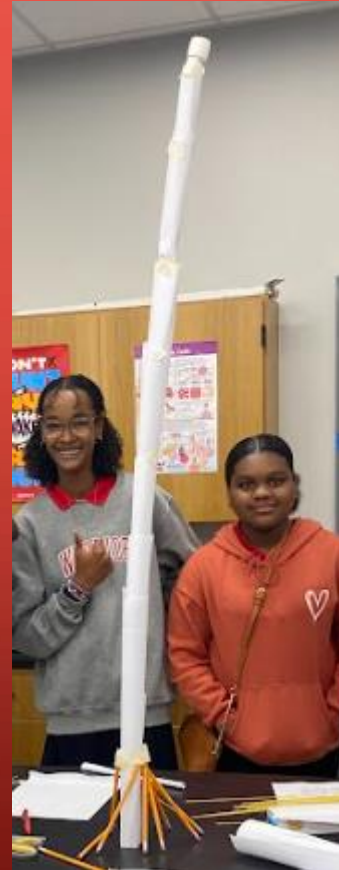
"Scientists discover the world that exists; engineers create the world that never was."

--**Theodore von Karman**

WHAT CAN I DO?

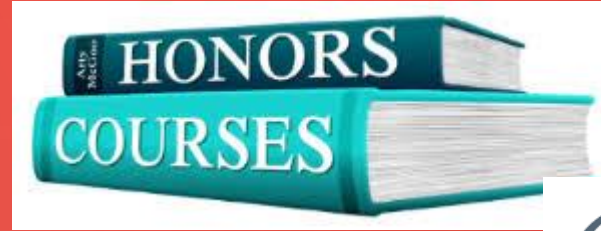


WHY CHOOSE JENKINS HIGH SCHOOL OF ENGINEERING?



JENKINS SCHOOL OF ENGINEERING

OFFERS YOUR STUDENT...



- Honors and accelerated course work – rigorous curriculum and instruction in all core subject areas
- Gifted and AP Certified Teachers & Classes – Specially trained teachers, smaller class sizes, students with similar life goals
- Numerous Advanced Placement (AP) courses
- Specialized Engineering Curriculum – PLTW – Project Lead The Way is available only at Jenkins High School
- Specialized Computer Programming Curriculum – Culminates in AP Computer Science A



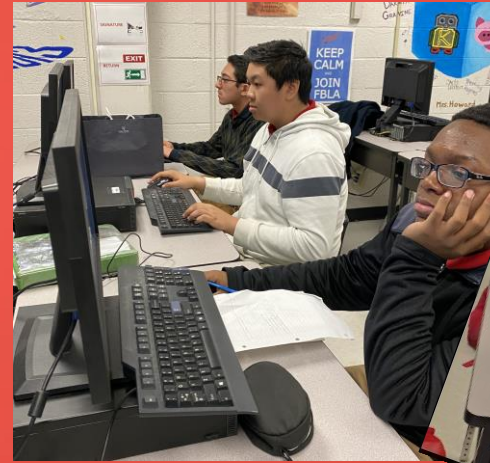
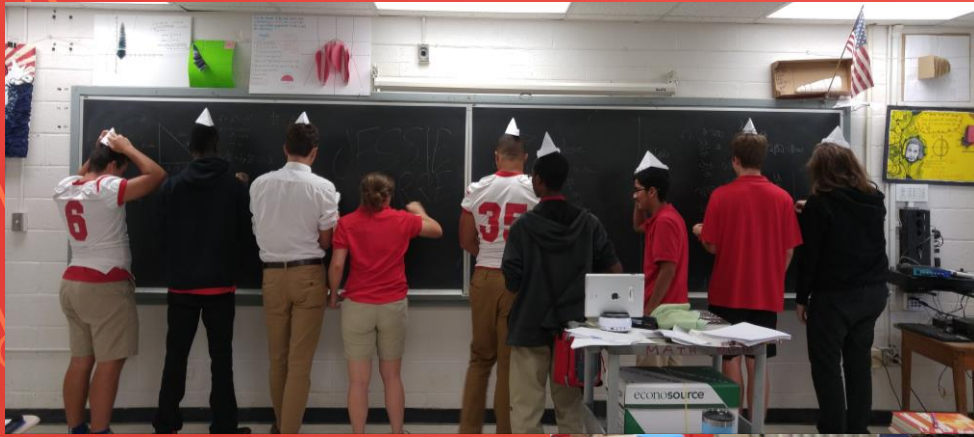
- SUMMER ENRICHMENT CAMPS – TO CONTINUE TO FOSTER THEIR INTEREST IN ENGINEERING; GEARED TOWARDS THE STUDENTS' GRADE LEVELS.
- COMMUNITY AND BUSINESS SUPPORT
- INTERNSHIPS – (PAID) WORK-BASED LEARNING OPPORTUNITIES WITH LOCAL ENGINEERING FIRMS AND INDUSTRIES
- “FULL-SERVICE” HIGH SCHOOL EXPERIENCE – ATHLETICS, FINE ARTS, CLUBS AND ACTIVITIES.



9TH GRADE COURSEWORK

- AP Seminar / Honor's English (Depends upon credits from middle school)
- Accelerated Math (Depends upon credits from middle school)
- Honor's Science (Depends upon credits from middle school)
- Honor's World History
- Introduction to Software Technology
- PLTW 1 - Introduction to Engineering Design
- Additional Course* (Health/PE, World Language, ROTC, Band, etc.)

*Health/Personal Fitness and World Language are Graduation Requirements



A Day in the life of Jenkins Engineering Students

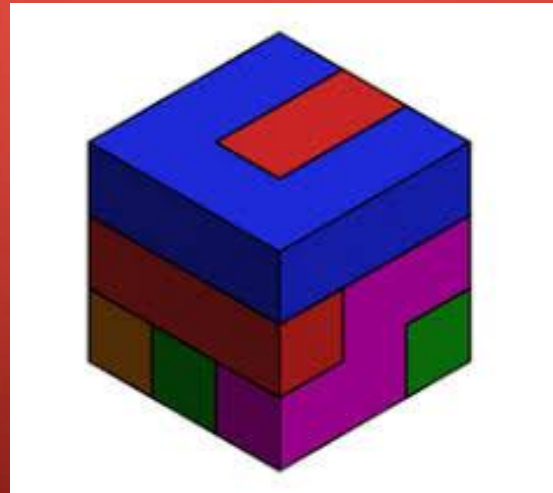
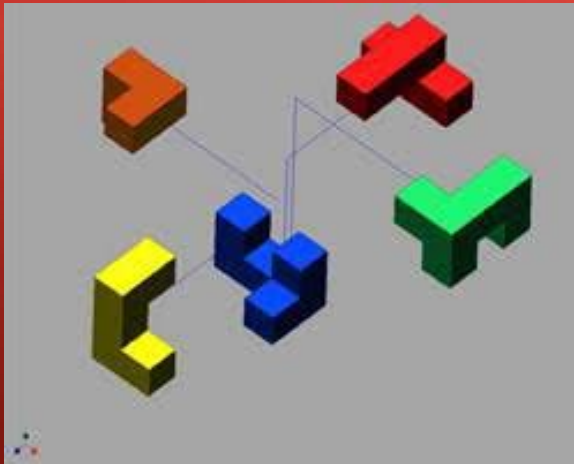
ENGINEERING CURRICULUM PROJECT LEAD THE WAY



- INTRODUCTION TO ENGINEERING DESIGN
- PRINCIPLES OF ENGINEERING
- DIGITAL ELECTRONICS
- ENGINEERING DESIGN & DEVELOPMENT

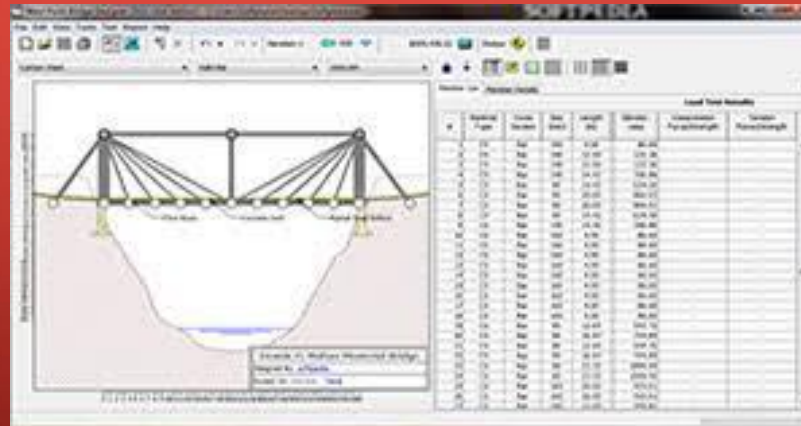
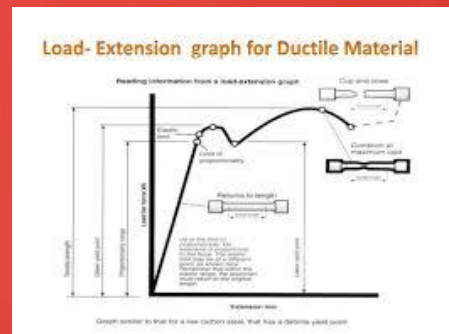
INTRODUCTION TO ENGINEERING DESIGN

Using computer modeling software, students learn the process of product design. They solve design problems as they develop, create, and analyze product models.



PRINCIPLES OF ENGINEERING

Students explore technology systems and manufacturing processes to find out how math, science and technology help people.



PLTW Pathway To Engineering – PCE

Unit 1: Energy and Power

Key Concepts:

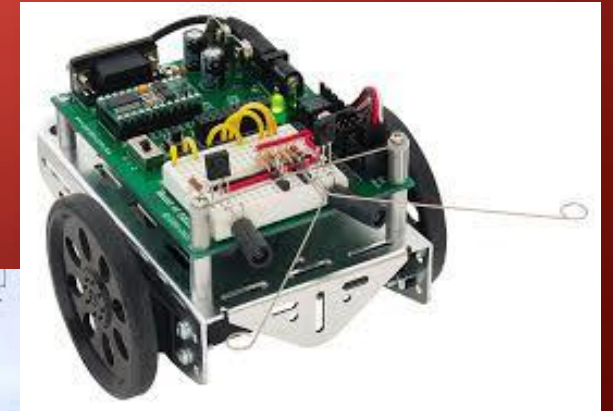
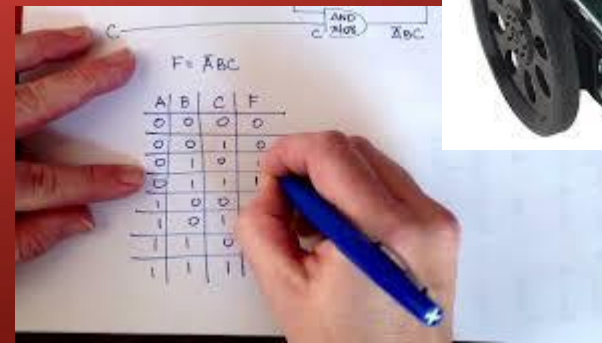
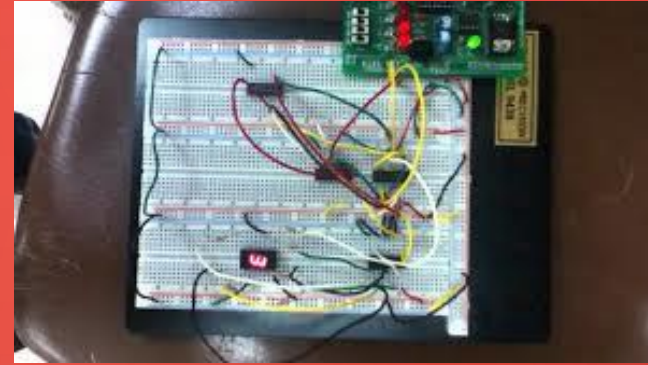
- Mechanisms
- Energy Sources
- Energy Applications

Example Projects:

- Energy Distribution Lab
- Solar Hydrogen System

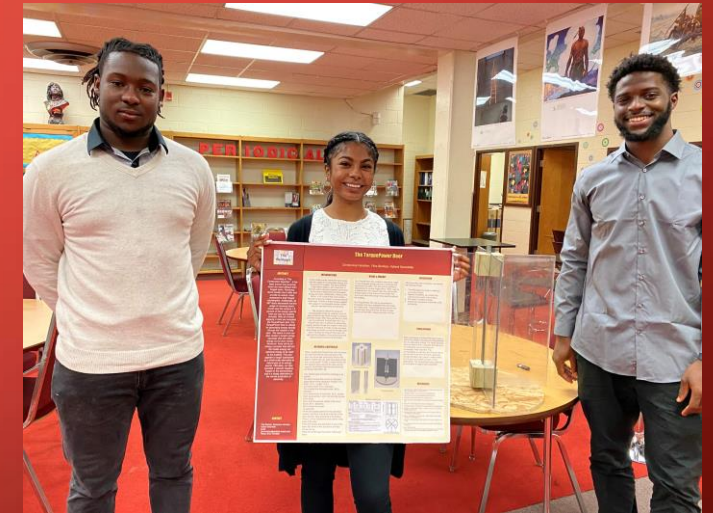
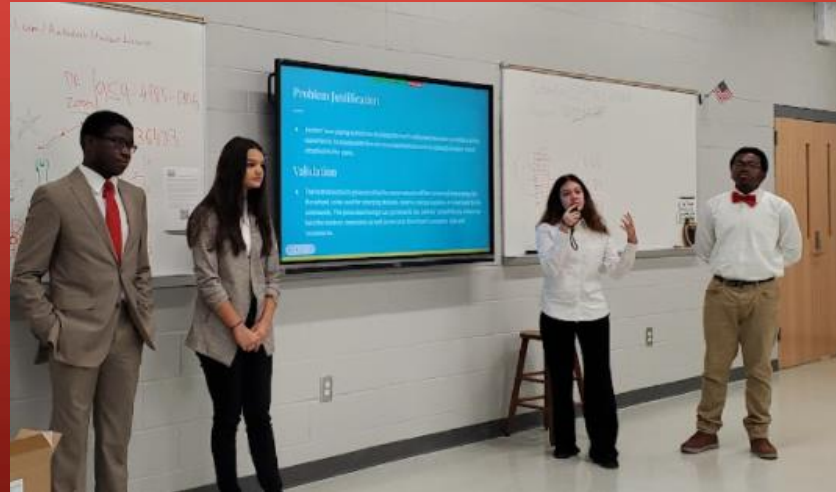
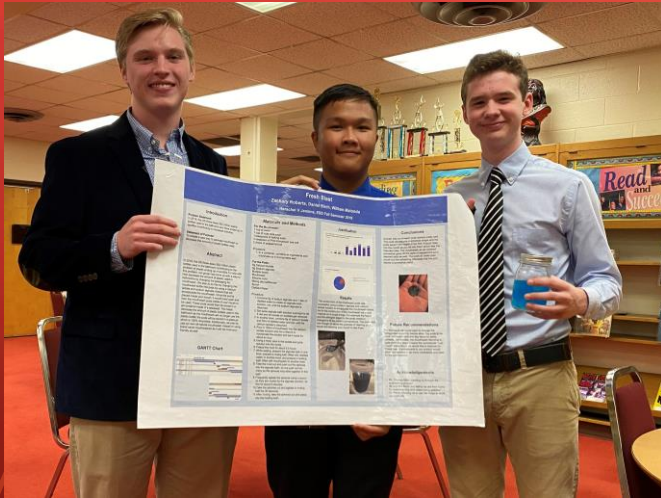
DIGITAL ELECTRONICS

Students use computer simulations to learn about the logic of electronics as they design, test, and construct circuits and devices.



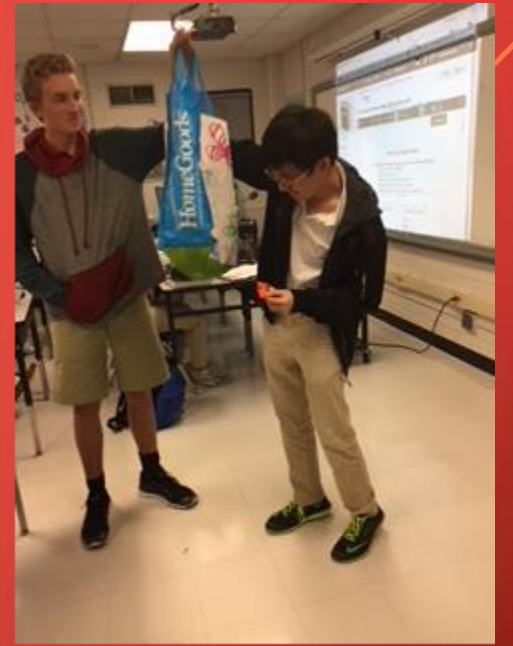
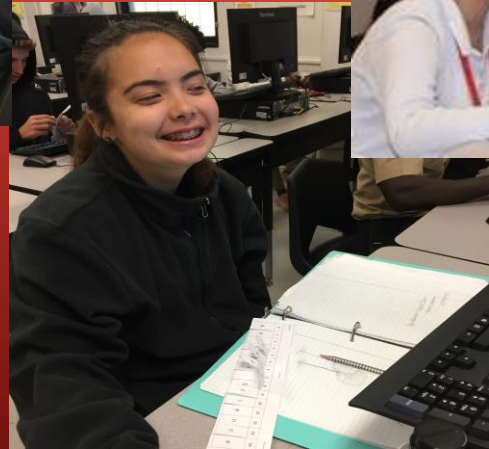
ENGINEERING DESIGN & DEVELOPMENT

Teams of students, guided by community mentors, work together to research, design, and construct a solution to an engineering problem.



COMPUTER SCIENCE

- INTRO TO DIGITAL TECHNOLOGY
- COMPUTER SCIENCE PRINCIPLES
- AP COMPUTER SCIENCE A



FINE ARTS



ACADEMIC TEAMS & CLUBS



FIRST Robotics

Math team

Chess Club

Model United Nations

Warrior Council

Engineering Design Challenge

National Honor Society

One Act Play

National Art Honor Society

Future Business Leaders of America

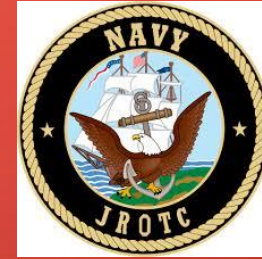
Technology Student Association (TSA)

Shakespeare Competition

SOE students are members of every club and organization at HVJ




**Warriors In
Robotics
Education**
Herschel V.
Jenkins





**Warriors In
Robotics
Education**
Herschel V.
Jenkins


ATHLETICS



• Fall Sports

- Cheerleading
- Cross Country
- Flag Football
- Football
- Softball
- Volleyball

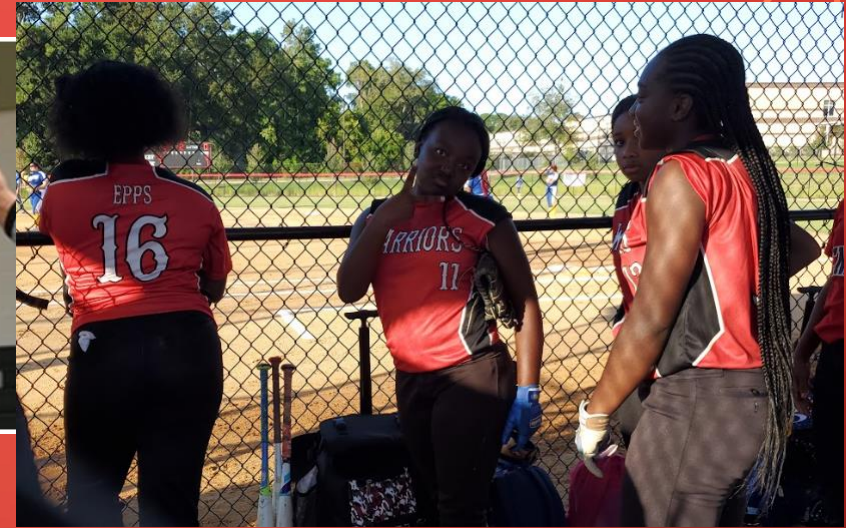
• Winter Sports

- Basketball
- Cheerleading
- Swimming
- Wrestling

• Spring Sports

- Baseball
- E-Sports
- Golf
- Soccer
- Tennis
- Track & Field





SOE students are members of every sports team at HVJ

DUAL ENROLLMENT OPTIONS



**GEORGIA
SOUTHERN**
UNIVERSITY



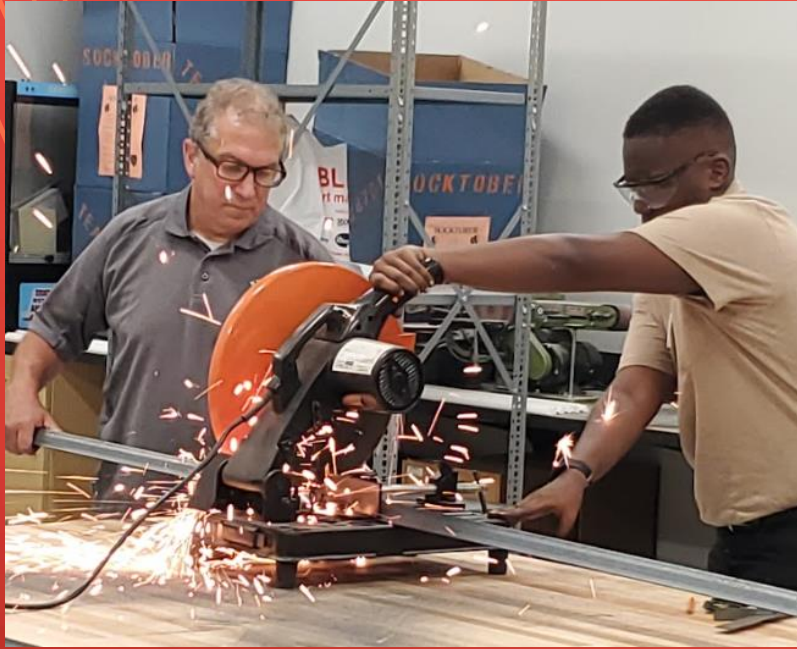
INTERNSHIPS



School of Engineering students have opportunities for summer internships as well as work-based learning. These opportunities are available during the junior and senior years. SOE students have worked at a variety of companies including Gulfstream, Georgia Power, Ramboll, Thomas & Hutton, Hussey Gay Bell, DIRTT, Tharpe Engineering, International Paper, and the City of Savannah.



SUMMER CAMPS



COLLEGE ACCEPTANCE



UNIVERSITY OF
GEORGIA



VANDERBILT
COMMODORES



P&G

WHERE ARE THEY NOW?

HUSSEY GAY BELL
— Established 1958 —

INTERNATIONAL



PAPER


Google



TRUIST

Walt Disney
IMAGINEERING

 **Microsoft**


tray.io



Parker Bass Solutions
Creative and Modern IT Consulting and
Managed Services in Savannah, Georgia
parkerbass.com



LEGACY
HEALTHCARE SERVICES

BUSINESS PARTNERS

THARPE

DIRTT
Build better.™

GEORGIA POWER
A SOUTHERN COMPANY

HUSSEY GAY BELL
— Established 1958 —

RAMBOLL



US Army Corps of Engineers

GEORGIA SOUTHERN UNIVERSITY

ALLEN E. PAULSON
COLLEGE OF ENGINEERING AND
INFORMATION TECHNOLOGY

Gulfstream
A GENERAL DYNAMICS COMPANY

SAGIS
Savannah Area Geographic
Information System

INTERNATIONAL  PAPER



MITSUBISHI POWER SYSTEMS
SAVANNAH MACHINERY WORKS

savannah
CITY OF


BRASSELER
USA® BY YOUR SIDE


SAVANNAH
Economic Development Authority


JEDUNN
CONSTRUCTION

APPLICATION INFORMATION

CHOICE.SCCPSS.COM

CHOICE PROGRAM GUIDE

WHO CAN ATTEND THE PROGRAM?



Assessment - Reading	•Third Grade - Tenth Grade - The score that will be reviewed is the I-Ready Reading Middle of the Year Score
Assessment - Math	•Third Grade - Tenth Grade - The score that will be reviewed is the I-Ready Math Middle of the Year Score
Choice GPA	•Choice GPA is defined as the end of quarter grades for the past three full semesters of core academic and foreign language courses (ELA/Reading/Math/Science/SS/Foreign Language).
Attendance	•The absences that will be reviewed are daily unexcused absences from Spring Semester of School Year 22-23 plus Fall Semester of School Year 23-24.
Discipline	•The discipline referrals that will be reviewed are discipline referrals from Spring Semester of School Year 22-23 plus Fall Semester of School Year 23-24. Only specific discipline referrals with state reported consequences are included.

Requirements - Grades 3-12

	Not Accepted	0 Points	1 Point	2 Points	3 Points	Weight (%)
Assessment: ELA	2 or more grade levels below		1 grade level below	Early-on grade level	Mid-above grade level	20%
Assessment: Math	2 or more grade levels below		1 grade level below	Early-on grade level	Mid-above grade level	20%
Choice GPA	Below 75	75-79	80-85	86-93	94-100	30%
Attendance	More than 12 unexcused absences	10-11 unexcused absences	6-9 unexcused absences	3-5 unexcused absences	0-2 unexcused absences	15%
Discipline	Any discipline referral resulting in expulsion or alternative placement	More than 5 discipline referrals with state-reported consequences	3-5 discipline referrals with state-reported consequences	1-2 discipline referrals with state-reported consequences	No discipline referrals with state-reported consequences	15%

	Not Accepted	0 points	1 point	2 points	3 points	Weight	Enter Your Student's rubric points in this column (0, 1, 2, or 3 points)	Category Total
I-Ready Reading	593 or Below		594 - 619	620 - 641	642 or Above	20%		0
I-Ready Math	492 or Below		493 - 517	518 - 540	541 or Above	20%		0
Choice GPA	Below 75	75-79	80 - 85	86 - 93	94 - 100	30%		0
Attendance	12 or more Unexcused Absences	10-11 Unexcused Absences	6 - 9 Unexcused Absences	3 - 5 Unexcused Absences	0 - 2 Unexcused Absences	15%		0
Discipline	Any Discipline Referral resulting in Expulsion or Alternative Placement	More than 5 Discipline Referrals with State Consequences	3 - 5 Discipline Referrals with State-Reported Consequences	1 - 2 Discipline Referrals with State-Reported Consequences	No Discipline Referrals with State-Reported Consequences	15%		0
							Total Rubric Score:	0
							Total rubric scores ranging from 100 - 300 will qualify to be included in the Choice Program Admissions Lottery.	
							Total rubric scores ranging from 0 - 99 will not qualify to be included in the Choice Program Admissions Lottery.	
							Any application with a category value in the " Not Accepted " column will not be included in the Choice Program Admissions Lottery, regardless of total rubric score.	

CHOICE PROGRAM SELECTIONS

The online application allows parents to select a first, second, and third choice when applying to a Choice Program. **The selection of more than one Choice Program automatically indicates that the parent is willing to accept a seat in any of the Choice Programs choices selected.** Please note, once a student is selected through the lottery for one of the selected choice programs, he/she will not be on any other waitlist. Waitlist status is only provided if no seats are available among the choices selected. If a parent is only interested in one Choice Program, it is important to **ONLY** list that choice.

***If a student is seated at any school, he/she will not be placed on any waitlists. ***

Choice School Scenarios

- If you list one choice on your application and meet the requirements, you will be entered in the lottery for only that school or program. If no seats are available, you will be placed on the waitlist.
- If you list two or more choices on your application and meet the requirements, you will be entered in the lottery and will be seated where space is available. Waitlist status is only provided if no seats are available for any of the choices.
- If your child is on a waitlist and an open seat becomes available, you will have three days to register. Failure to do so will forfeit your available seat.
- If you accept a seat and register, your child will be enrolled for the upcoming school year.

The following information applies to all Choice Program applicants:

- Once registration is complete, students will be enrolled for the following school year.
- Once a parent has submitted an application, additional information may be requested by the Choice site. If a school requests additional information, parents should reply promptly by sending the information directly to the school. Applications will be considered incomplete if requested information is not provided.
- Submitting an application does not guarantee placement in a school or Choice Program.
- Waiting lists are not kept from year to year. The process begins new at the beginning of each application window.
- Submitting more than one application will void the previous application. The most recent application will be reviewed.
- Submitting false information will void an application.
- **If a student is offered a seat at any of their choice schools, they are not placed on the waiting list at any other schools.**

Application specific questions can be sent to:

Jessica.Horton@sccpss.com

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CONTACT US

- Choice Program Coordinator – Mrs. Kristen Wilson
- Email – Kristen.Wilson@sccpss.com
- School Phone – (912) 395-6300
- Website: [School of Engineering](#)
 - [Bit.ly/hvj-soe](https://bit.ly/hvj-soe)



The image features a solid red background with decorative circuit-like lines in a lighter red color. These lines are located in the four corners, forming abstract patterns of lines and circles that resemble a printed circuit board or a network diagram. The central text is in a bold, white, sans-serif font.

QUESTIONS?