

EAST COOPER CENTER FOR ADVANCED STUDIES SPOTLIGHT

Established in 2014, Launching in 2020

Volume I, Issue I

October 9th, 2020



The East Cooper Center for Advanced Studies was designed to bridge the gap between high school and college, providing technical skills and training beyond the high school level. The 3-story, 125,000 SF academic building features administration areas, science and computer labs, abundant classroom spaces for programs in cosmetology, biomedical science, film, multimedia and visual arts, health science, engineering, horticulture, and EMS technology. Additional facilities include a 6,100 SF automotive technology building, a greenhouse, and an equipment storage building.



“We want every child to graduate from high school with a viable plan, a

realistic plan for what to do next and have the education and skills to do it.” Lucy G. Beckham

SCHOOL COLLABORATIONS

The ECCAS has been working closely with Lucy Beckham and Wando High School in order to build a relationship that benefits all East Cooper students and families.

- Technology training and updates
- Best practice in blended classrooms
- Administration teams working closely on school logistics and procedures
- Our fine arts programs have been planning how to demonstrate and display student work.



BUSINESS AND COMMUNITY RELATIONS

The ECCAS has working closely with a number of different businesses throughout the East Cooper community. So far, the ECCAS has established a working relationship with the following businesses

- [Harris Teeter](#)
- [Kevin Sneed Well Drilling](#)
- [Low country Roots Woodworking](#)
- [Lowe's Foods](#)
- [Publix](#)

If you are interested in becoming a business/community partner please contact Jason Brisini at Jason_brisini@charleston.k12.sc.us



UPCOMING CAS DATES

ELearning day.....10/16
 Virtual Open House.....10/19
 1/2 Day.....10/23
 End of 1st Quarter.....11/12

UPCOMING WANDO SPORTS

Swimming State10/10
 Volleyball vs PG.....10/13
 Cross Country Region.....10/21

UPCOMING BECKHAM SPORTS

Volleyball vs JI.....10/14
 C-Team football vs Wando....10/14
 Tennis vs OCA.....10/12

VIRTUAL OPEN HOUSE MONDAY 10/19

The East Cooper CAS will be hosting our first virtual open house on Monday, October 19th from 6 pm -7 pm. The virtual open house will be held online and families will have a chance to meet teachers in their online classrooms throughout this night. We would also love to encourage families to visit other online classes that their students may be interested in taking. More details for this open house can be

[FOUND HERE](#)

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EAST COOPER CAS ACADEMIES

Listed below are all of the programs offered within our 4 Academies at the East Cooper Center for Advanced Studies. Below each academy you can find the programs offered and the introductory courses that are offered at the CAS, Lucy Beckham, and/or Wando.

ENTREPRENEUR ACADEMY



Automotive

Intro to Automotive

Business

Personal Finance

Cosmetology

Cosmetology 1

Horticulture

Intro to Horticulture

Marketing

Marketing

Real Estate

Entrepreneurship or Marketing

PRE-MEDICINE ACADEMY



Health Science

Biology I or Principles of Biomedical Science

PLTW Biomedical Science

Principles of Biomedical Science

Sports Medicine

Biology I or Principles of Biomedical Science

STEM ACADEMY



Computer Science

Fundamentals of Computing or AP Computer Science Principles

Cybersecurity

Fundamentals of Computing or AP Computer Science Principles

PLTW Engineering

Intro to Engineering and Design

Photography

Art I or Media Arts

CROSS-CURRICULAR ACADEMY

Media Technology

Media Technology I

THE FAB-LAB

OPEN 8AM—4PM DAILY

The Fab Lab, often referred to in today's educational setting as the "Makerspace" is a place where students and teachers can embark on personal and educational learning ventures to broaden their scope and practice STEAM skills which are so important for today's future leaders. Teachers can bring classes in to work on project-based learning activities or send students who desire to pursue their own personal growth endeavors. Some of the resources the Fab Lab offers are:

- Workbench & Construction Area
- 3D Printers & 3D Pens
- Circuit Design Technology
- Sewing machines
- Jewelry making
- Games & Puzzles



NEW COURSE SPOTLIGHT: CYBERSECURITY

PLTW-Cybersecurity provides students with a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. Cybersecurity is designed with strong connections to the National Cybersecurity Workforce Framework (also known as the NICE Framework or NCWF).

Q & A with Mayo Olagundoye

Where are you from?

Born in Nigeria, grew up in New York City.

Why did you become a teacher?

I wanted to contribute to the nurturing of future Comp Sci professionals at the early stages. I love the field, grew up in the field, and

wanted to bring that to the table as a teacher.

What part of your class are you most excited for?

Showing students the intricacies of real life cyber situations (including state-actor disruptions) and how EXACTLY these activities are carried out using the knowledge that we are learning in class.



Mayo_Olagundoye@charleston.k12.sc.us