

**MARINE SCIENCE & TECHNOLOGIES  
EARLY COLLEGE HIGH SCHOOL**

Carteret County Public Schools

## EARLY COLLEGES IN NORTH CAROLINA

- First early college opened in 2004
- Serve over 25,000 students statewide
- Over 95% high school graduation rate
- Lowers levels of district expenditures
- On average \$6,000 per student compared to \$6,900 per student in a traditional setting
- Increased tax payments
- Reduced participation in public assistance support
- Reduced incarceration costs

## WHAT IS AN EARLY COLLEGE?

- Focused on First Generation College Students
- Career Ready Pathway
- Associate's Degree Pathway
- Two years of transferable college credits to any of the 16 UNC system of universities
- Grow local economy
- Also known as Cooperative Innovative High School
- Students take a combination of high school and community college courses to meet NC high school diploma requirements
- Students follow hybrid community college calendar

## PROCESS FOR STUDENTS TO ATTEND

- Early Colleges visit lunches of each 8<sup>th</sup> grade middle school in district during January
  - No instructional time is taken from students
- Evening informational session is set
- BOE approved application goes live for one month
- Board of Education approved rubric is scored
- All applicants are placed in a lottery system
- Central Services sends personnel to witness the lottery
- Acceptance letters are mailed
- Wait listed letters are mailed

# MAST REFLECTION



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- 2018-2019
- 90% of our students were first generation
  - Total of 83 applications
  - 84% Career Ready or Associates Degree
- 2019-2020
- 91% of our students are first generation
  - Total of 129 applications
  - 88 % Career Ready
  - 26% from BMS/DEMS
  - 46% from NMS/MCMS
  - 22% from BCMS
  - 6% from homeschool

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- Based on high school course enrollment
  - 98% earned English I credit
  - 98% earned English II credit
  - 93% earned Math I credit
  - 100% earned Math II credit

## CARTERET COMMUNITY COLLEGE PARTNERSHIP

### County Capital Investment:

\$242,000.00      Renovations to Smith  
Building provided by County Capital funds

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- Carteret Community College Investment:
- \$ 33,456.47      Textbooks invoice from CCPS – paid by Carteret Community College
- \$ 6,013.44      Supplies/Materials invoice from CCPS – paid by Carteret Community College
- \$ 32,740.57      Counselor position invoice from CCPS – paid by Carteret Community College
- (\$ 25,850.00)      Golden Leaf Grant to Carteret Community College for MaST Textbooks and Supplies/Materials
- \$ 46,360.48      Total Investment from Carteret Community College 2018 – 2019 Institutional Funds
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## CARTERET COMMUNITY COLLEGE PARTNERSHIP

- Carteret Community College In-Kind Investment:
- • Full-time Security Officer employed specifically for MaST Early College High School – Smith Building
- • Office furniture, desks, chairs, internet, technology services – IT, custodial services, grounds and maintenance services, etc.
- • Student desks, chairs, technology – overhead projectors, digital access, library services, etc.
- • Student tutoring services through Carteret Community College learning labs
- • Sand volleyball court and basketball court access for MaST Early College High School Students
- • Dedicated classrooms in McGee Building for 2<sup>nd</sup> year cohort

. WE HAVE A WONDERFUL  
PARTNERSHIP WITH  
CARTERET COMMUNITY  
COLLEGE.

- Based on CCC course enrollment
  - 92% earned ACA 122 credit
  - 97% earned CIS 110 credit
  - 98% earned HEA 110 credit
  - 92% earned PED 110 credit
  - 100% earned engineering credit
  - 100% earned marine propulsion credit
  - 100% earned Geography credit
  - 100% earned sociology credit
  - 100% earned psychology credit
  - 100% earned aquaculture credit

Over 500 college credit hours

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## COMMUNITY PARTNERSHIPS

- Students visited Jarrett Bay Industrial Park
- Students visited Clawsons 1905 Restaurant
- Students visited NCDOT-Ferry System
- Presented at multiple Rotary's in our area
- Presented at The Bridge Down East

## EARLY COLLEGE VS. DUAL ENROLLMENT

- Equity & Access: statewide less than 10% of high school students participate in dual enrollment courses due to cost of books; only 37% of those come from low-income backgrounds
- Strategic learning experience, fully integrated, individualized attention, smaller setting, ready for local workforce
- Early colleges offers a different high school experience to help students that who are traditionally underserved
- [www.ecs.org](http://www.ecs.org), [www.knowledgeworks.org](http://www.knowledgeworks.org), [www.all4ed.org](http://www.all4ed.org)

## EARLY COLLEGE VS. DUAL ENROLLMENT

- Early colleges offer personal coaching, free tutoring, regular student & parent check-ins
- Early colleges are small stand-alone high schools on college campus daily whereas dual enrollment if offered in a traditional setting, college classroom, online or hybrid setting
- Early college students are eligible for a variety of course offerings, whereas dual enrollment courses for the most part are limited to a few choices
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## EARLY COLLEGE VS. DUAL ENROLLMENT

- Early college students come from underrepresented backgrounds for the most part whereas dual enrollment students are typically mid to high achieving
- Early college students do not need to demonstrate a specific grade requirement for eligibility whereas dual enrollment students must maintain a GPA for college course eligibility, thus targeting one specific population of students
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## WHY EARLY COLLEGE?

- It's easier for high school students, particularly those whose parent did not attend college to view themselves as college students and commit to early college program
- Early colleges are small enough to make students feel like members of a learning community
- In addition to readying students to enter the workforce, either upon program completion or after degree, early college programs prepare students for jobs in high-demand occupations allowing them to earn a family-sustaining wage
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THE FUTURE OF CARTERET  
COUNTY

