Gaston Early College of Medical Sciences
"Lifelong learners who possess the courage to lead and the compassion to heal"

300 Rhodes Perimeter Drive
Dallas, North Carolina 28034
704-923-8480
CEEB: 340176

Beverly Bowman- Principal, Susie Tippett-Dean of Students, Desiree Lackey-School Counselor

School and Community Information

Opened in August of 2021, Gaston Early College of Medical Sciences is an innovative, healthcare-focused high school that is designed especially for students interested in careers in the medical/healthcare industry. GECMS is a collaborative effort among Gaston County Schools, Gaston College, Belmont Abbey College, and CaroMont Health, to develop a future workforce to meet the growing demand for healthcare professionals in Gaston County.

Students have an opportunity to earn a high school diploma and an associate's degree and/or diploma in preparation for a career in the medical/healthcare field. Pathways include nursing, health information technology, human services technology, and biotechnology. In addition to high school and college-level coursework, students participate in job shadowing experiences and gain hands-on learning in real-world settings through CaroMont Health, conduct undergraduate research, and prepare themselves for post-secondary education and/or going directly into the workforce.

School Honors and Recognitions

Grade A School (2021)

Entrance Criteria

Level III,IV, or V on the 7th and 8th grade end of grade tests in reading and math
94% attendance rate in grades 7 and 8
Be in good standing regarding conduct
Be a Gaston County resident

Clubs and Organizations

Chick Fil A Leadership Academy
Caromont Healthcare Career Club
National Honor Society
Medical field job shadowing

Curriculum

<u>Graduation Requirements</u>

English	4 credits
Social Studies	4 credits
Math	4 credits
Science	3 credits
Health and PE	1 credit
Electives	12 credits

28 credits required to graduate

<u>Grading Scale</u>

Grade	Unweighted	Honors	College
90-100 (A)	4.0	4.5	5.0
80-89 (B)	3.0	3.5	4.0
70-79 (C)	2.0	2.5	3.0
60-69 (D)	1.0	1.5	2.0
59 and under (F)	0	0	0

High School Course Requirements

English 1, 2, 3, 4 honors only, College Prep Writing honors (elective)

Math 1, 2, 3, 4 (honors only)

World Hist, Founding Princ. USA&NC Civic Literacy, American Hist, Financial Literacy (honors only)

Earth/Env. Science, Biology, Chemistry (honors only)

Research Methods honors (elective)

Spanish 1 and 2

College Courses by Pathway

Students take college courses based on their chosen pathways which vary. Students earn between 64-76 college credit hours to complete their associates degrees in addition to 28 high school credits.

Associate General Education Nursing	Associate of Applied Sciences Biotechnology
ACA 122- College Transfer Success	ACA 122- College Transfer Success
HEA 110- Personal Health and Wellness	HEA 110- Personal Health and Wellness
ART 111- Art Appreciation	BTC 181- Basic Lab Techniques
PSY 150- General Psychology	PSY 150- General Psychology
MUS 110- Music Appreciation	BIO 111- General Biology I
PSY 241- Developmental Psychology	BIO 112- General Biology II
ENG 111- Writing and Inquiry	SOC 210- Introduction to Sociology
BIO 168- Anatomy and Physiology I	SPA 111- College Spanish I
MAT 152- Statistical Methods	ENG 111- Writing and Inquiry
ENG 112- Writing/Research in the Disciplines	BIO 168- Anatomy and Physiology I
HIS 111- World Civilizations I	MAT 152- Statistical Methods

BIO 169- Anatomy and Physiology II	ENG 112- Writing/Research in the Disciplines
ENG 231- American Literature I	PHI 240- Introduction to Ethics
SOC 210- Introduction to Sociology	BIO 169- Anatomy and Physiology II
MAT 171- Precalculus Algebra	BIO 250- Genetics
BIO 155- Nutrition	CHM 151- General Chemistry I
SOC 220- Social Problems	MAT 171- Precalculus Algebra
BIO 275- Microbiology	MAT 172- Precalculus Trigonometry
CHM 151- General Chemistry I	BIO 275- Microbiology
	CHM 152- General Chemistry II

Associate of Applied Science Human Services Technology (this is a 5 year program)	Healthcare Information Technology Associates Degree
ACA 122- College Transfer Success	ACA 122- College Transfer Success
HSE 110- Introduction to Human Services	HIT 110- Introduction to Healthcare and HIM
PSY 150- General Psychology	CIS 110- Introduction to Computers
PSY 241- Developmental Psychology	BIO 168- Anatomy and Physiology I
ENG 111- Writing and Inquiry	HIT 114- Health Data System/Standards
HSE 112- Group Process I	MED 121- Medical Terminology I
SAB 135- Addictive Process	ENG 111- Writing and Inquiry
ENG 112- Writing/Research in the Disciplines	HIT 112- Health Law and Ethics
HSE 123- Interviewing Techniques	BIO 169- Anatomy and Physiology II
PSY 281- Abnormal Psychology	MED 122- Medical Terminology II
BIO 110- Principles of Biology	HIT 213- Input Process Coding and Reporting
HSE 125- Counseling	HIT 226- Pathophysiology and Pharmacology
HSE 225- Crisis Intervention	MAT 152- Statistical Methods
OST 137- Office Applications	HIT 211- Diagnosis Coding and Reporting
SOC 220- Social Problems	PSY 150- General Psychology
HSE 210- Human Services Issues	HIT 124- Professional Practice Experience II
DDT 110- Developmental Disabilities	DBA 110- Database Concepts

HSE 227- Children and Adolescents in Crisis	ART 111- Art Appreciation
WBL 111- Work Based Learning I	HIT 217- Quality and DAta Analysis
WBL 115- Work Based Learning Seminar I	HIT 214- Operation Procedures Coding/Reporting
PHI 240- Introduction to Ethics	HIT 215- Revenue Cycle Management
GRO 120- Gerontology	HIT 222- Professional Practice Experience III
HSE 220- Case Management	ENG 112- Writing/Research in the Disciplines
WBL 121 and 125- Work Based Learning II and Seminar II	HIT 216- Quality Management
	HIT 218- Management Principles in HIT
	HIT 280- HIM Capstone