

Hoke County Middle Schools Course Descriptions 2024-2025



Director's Message



Learning that works
for North Carolina



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The mission of Hoke County Career and Technical Education is to empower all students to be successful citizens, workers and leaders in a global economy. Our goal is to provide an environment that promotes an attitude and culture of College and Career Readiness through our Career and Technical Education classes.

Our Career and Technical Education (CTE) program aims to prepare students for employment opportunities, advanced education and productive lives. CTE promotes best practices that enhance teachers' efforts to improve student achievement and encourage responsible career choices. We want to meet students' needs, cultivate their abilities and help them realize their aspirations. It is the vision of CTE department that every student completes a pathway in Career Technical Education and receive no less than two industry related certifications during this process.

At our middle schools, students are offered career exploratory courses in Computer Science, Medical, and Health Sciences.

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Hoke County Schools System does not discriminate against race, color, religion, sex, marital status, pregnancy, parenthood, or handicapping conditions in its education activities or employment practices.



All students in career and technical programs have an opportunity to develop and extend their learning through participation in active career and technical student organizations (CTSOs). The program of work for each organization should be based on instructional competencies and be an integral part of the program.

DECA: Marketing:

DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality and management in high schools and colleges around the globe.

TSA: Technology

The Technology Student Association is a national student organization created to develop skills in science, technology, engineering, and mathematics as well as business education. TSA aims to develop leadership, academic, and business management skills in the workplace among students and leaders within the community.

FCCLA: Family Consumer Sciences

Family, Career and Community Leaders of America is a nonprofit national career and technical student organization for young men and women in Family and Consumer Sciences education. Everyone is part of a family, and FCCLA is the only national Career and Technical Student Organization with the family as its central focus.

FBLA: Business

FBLA inspires and prepares students to become community-minded business leaders in a global society through relevant career preparation and leadership experiences.

HOSA: Health Occupations

HOSA's two-fold mission is to promote career opportunities in the health care industry and to enhance the delivery of quality health care to all people. HOSA's goal is to encourage all health occupations instructors and students to join and be actively involved in the HSE-HOSA Partnership.

FFA: Agricultural Education

The National FFA Organization (formerly known as the Future Farmers of America) envisions a future in which all agricultural education students will discover their passions and build on that insight to chart a course for their education, careers and personal futures. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success.

Skills USA: Trade and Industrial

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel. SkillsUSA's mission is to empower its members to become world-class workers, leaders and responsible American citizens.

COLLEGE & CAREER READY LABS

PAXTON/PATTERSON

Paxton/Patterson Labs provide the best college and career preparation for America's youth. Their learning systems engage students with problem-based, real world technology. The labs empower students to discover their interests and aptitudes, along the pathway to post-secondary success. Their unique labs concentrate on STEM Education, Health Science Careers, and Architecture & Construction. They also carry the most respected line of tools, equipment, supplies and furniture for schools.

The Health Science Careers learning system prepares middle school students for careers related to medicine, nursing, and health science programs—from Biomedical Engineering to Veterinary Medicine.

- Career Exploration
- Customizable Content
- Two Person Teams
- Authentic Medical Equipment



CTE in North Carolina



The North Carolina economy is experiencing a skills gap...

54% of jobs in North Carolina require skills training—more education than high school but less than a four-year degree.

44% of North Carolina workers are trained at this level.



Career and technical education (CTE) programs can fill these gaps, particularly in North Carolina's key industries, like:

- food processing and manufacturing
- tourism
- energy
- information technology

In 2021, 97% of North Carolina high school CTE concentrators had pursued postsecondary education, entered the workforce, or joined the military or Peace Corps immediately after graduation.

Many students are already enrolled in CTE in North Carolina, developing technical, academic and employability skills and engaging in work-based experiences with industry partners. During the 2020-21 school year, North Carolina had:

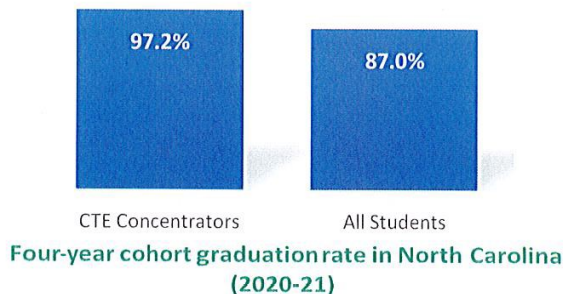
542,695

secondary CTE participants

102,367

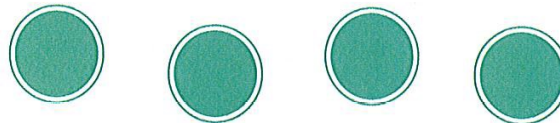
postsecondary CTE participants

These youth and adult learners in CTE programs are more engaged, graduate high school at higher rates, earn industry-recognized credentials, and have rewarding and family-sustaining careers.



54,733

postsecondary credentials earned by CTE students in North Carolina (2020-21)



More investment is needed to scale CTE programs across North Carolina to ensure that all learners, including historically underserved learners, have access to high-quality CTE programs in high-skill, high-wage and in-demand career fields.

CTE: Good for Students, Good for Businesses, Good for Communities!

FY 23 Federal Perkins CTE Funding for North Carolina

\$48,462,136

STEM in Health Science

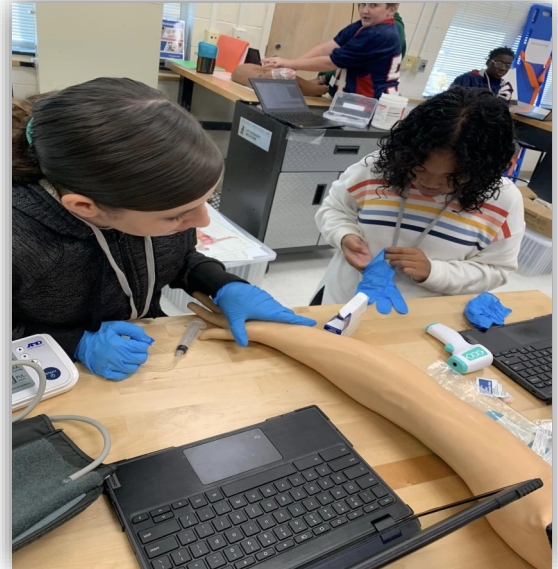
EY112Y0HS6, EY112Y0HS7, EY1120Y0HS8

STEM in **Health** Science is the ultimate career exploration to engage students in authentic problem-based learning experiences as they discover their interests and aptitudes in **Health Science**.



Clinical Lab Practices

Students perform a variety of clinical lab experiments as they use common language, equipment and safety procedures expected in a laboratory setting.



Dentistry

Students examine the roles of dental professionals from hygiene to therapeutics as they assess, chart, diagnose, remove decay, and create dental castings.



Emergency Medical Technician (EMT)

Students examine the roles and responsibilities of an EMT as they perform CPR, utilize an AED, dress wounds, stabilize limbs, and assess burns.



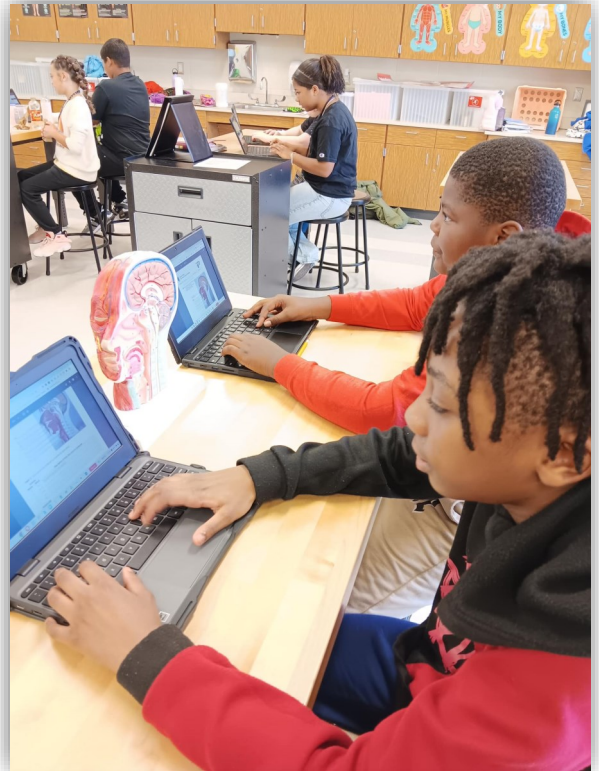
Intro to Health Science

Demonstrate their knowledge of human anatomy, terminology, body systems and the foundational skills necessary to pursue health-related careers.



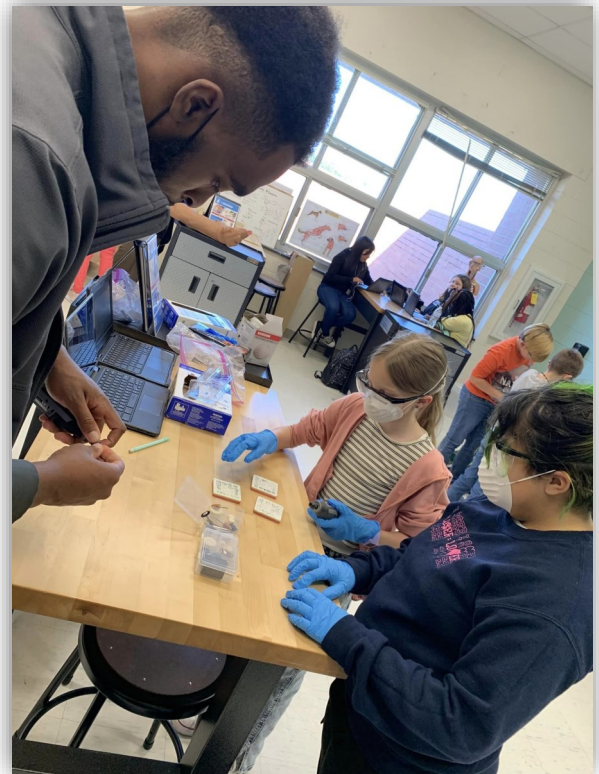
Health Information Management

Students examine the roles and responsibilities of a Health Information Management professional and the tasks involved with medical records, billing and the importance of patient privacy.



Medical Imaging

Students utilize a range of tools to view the human body in order to safely diagnose, monitor, or treat medical conditions.



Nursing

Students learn hands-on about the roles and responsibilities of nursing professionals including taking vitals, patient education, phlebotomy, suturing, and medical math (solutions & dilutions).



Sports Medicine

Students address the common tasks of diagnostics, therapeutics, education, and prevention of injuries to athletes.



Veterinary Medicine

Students practice safety techniques when dealing with animals, prepare surgical packs, prevent disease transmission, and simulate X-ray techniques.

STEM in Medical Science

EY112Y0MS6, EY112Y0MS7, EY112MY0MS8

STEM in **Medical** Science is the ultimate career exploration to engage students in authentic problem-based learning experiences as they discover their interests and aptitudes in **Medical Science**



Biomedical Engineering

Students get first-hand experience in materials science and engineering as they experiment with the techniques of prosthetic design.



Biotechnology R & D

Students examine strategies used by scientist to develop and improve medications and demonstrate techniques used in a laboratory research setting.



Employable Skills

Students develop the essential transferable skills needed to get hired and succeed in the workplace and life.



Environmental Health & Safety

Students assess the safety hazards and procedures for maintaining the health and safety of a medical facility and its patients as well as disaster preparedness and emergency response.



Mental Health

Students examine a wide range of mental health conditions and disorders affecting mood, thinking and behavior.



Ophthalmology

Students assess eye health through the practices and procedures common in the field as they learn if a career in this field is a good fit for them.



Pharmacology

Students apply techniques to ensure prescription safety, as well as creating solutions and compounding.



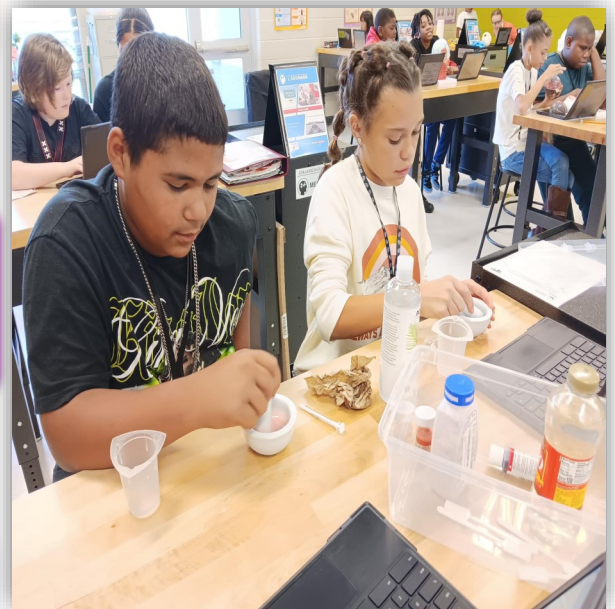
Speech Therapy

Students examine and perform the practices and procedures for assessing and treating communication problems and



Therapeutic Services

Students examine the pathway focused on changing the health status of patients over time through direct care, treatment, counseling, or health education information.





CY202Y0 – Web Development (CSD I) 6th Grade

The first middle grades corselet (Unit 1 Problem Solving , Unit 2 Web Development) of Computer Science Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. As a whole, this corselet focuses on the visible aspects of computing and computer science and encourages students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression.



CY212Y0 – Animations, Games, App Development (CSD II) 7th Grade

The second middle grades corselet (Unit 3 Interactive Animations and Games, Unit 4 The Design Process) of Computer Science Discoveries asks students to look outward and explore the impact of computer science on society. Students will see how a thorough user-centered data is used to address problems that affect large numbers of people, and how physical computing with bare circuit boards allows computers to collect input and return output in a variety of ways.



CY222Y0 – Computer Programming (CSD III) 8th Grade

The third middle grades corselet (Unit 5 Data and Society, Unit 6 Physical Computing) of Computer Science Discoveries empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. Computer Science Discoveries takes a wide lens on computer science by covering topics such as programming, physical computing.

Welcome to MajorClarity



Platform @ URL <https://app.paper.co/majorclarity>

Login to MajorClarity using your district's preferred login method:

- Google SSO (Click the "continue w/ Google" button on main site)
- ClassLink SSO (Click MC icon on launchpad OR ClassLink SSO button @ URL)
- Clever SSO (Click MC icon on dashboard OR Clever SSO button @ URL)
- Direct login (type your district email address & password on the main site)

Personality Assessment

If this is your first time logging in, follow the prompts to complete the **Personality Assessment**.

Returning users should visit the **Assessments** tab to reset & retake the assessment at least once per school year.

- My Portfolio
- Student Journal
- Assessments**
- Career Exploration
- Academic Planning

Read each question and then respond by clicking the icon which best reflects your opinion.



Realistic ⓘ 22%	Social ⓘ 20%	Investigative ⓘ 18%
Artistic ⓘ 16%	Enterprising ⓘ 13%	Conventional ⓘ 11%



Click the icon beside each Holland Type to learn more about your top personality trait.

Classroom Codes

If your teacher has provided you with a **Classroom Code** to link your account to their MajorClarity student roster, follow these steps:

1 Click the blue **Edit your profile** link beneath your name on the left side menu.

2 Enter your teacher's classroom code into the search bar and click **Save Code**. Once added, the advisor code will display above the search box with a yellow highlight to show that you have successfully added yourself to the teacher's roster in MajorClarity.

Need help?

For questions about your account or the platform, use the live support chat feature.

Look for the chat icon in the bottom right corner of your screen.



Support Chat Hours
Monday - Friday
8AM to 5PM ET

support@majorclarity.com

ACADEMIC PLANNING STUDENT OVERVIEW

Academic planning in MajorClarity begins with the selection of a customized district pathway. School and program-specific pathways provide a career-aligned roadmap of required and recommended coursework. User-friendly course planning tools make it easy to build a personalized plan of study and track your progress in meeting graduation requirements.

9th Grade [Edit Courses](#)

- + Add Math
- + Add Science
- + Add Social Studies
- + Add English
- + Add CTE Elective
- + Add Elective
- + Add Course

Planned Credits: 0.0
[Edit Courses](#)



Add Courses

Click the + sign or the blue edit courses link to see recommended coursework for each subject area and grade level in your selected pathway.



Find Courses

Use the Course Search tool to view and add non-pathway course options. Search by subject or course name.

Project Management

Career cluster

Business Management and Administration

Description

The Project Management courses introduce students to the principles, concepts, and software application used in the management of projects. Through project-based learning, students will understand how to use the framework of initiating, planning, executing, monitoring, and controlling, and closing a project in authentic situations.



Select this pathway

Course Search - 9th Grade Math

Subject: Hint: To search a different subject, select a different set in the grade column on left.

Can't find a course?
Search any Math course here:

Search:

Recommended Courses

To take a course outside of these recommendations, use the open search above.

Foundations of NC Math 1 1.0 Cr

NC Math 1 1.0 Cr

9th Grade

Foundations of NC Math 1 1.0 Cr
Math

Current Course Selection
Delete your current course selection here.

Foundations of NC Math 1 1.0 Cr

Recommended Courses
To take a course outside of these recommendations, use the open search above.

Foundations of NC Math 1 1.0 Cr

NC Math 1 1.0 Cr



View & Edit

Course selections will be added to your plan of study. If you change your mind, click anywhere on the red-outlined current course to remove it and select another option.



Track Credits

Use the Grad Tracker tool to view all planned and earned credits to help you stay on track with meeting requirements for graduation.

Graduation Requirements

Earned **Planned**

Subject	Goal	Progress	Remaining
Math	4.0	1/4	3.75
Science	3.0	1/3	2.75
Social Studies	4.0	1/4	3.75
English	4.0	1/4	3.75
CTE Elective	0.0	1/0	0.0
Elective	4.0	1/4	3.75

Want to Explore a Different Pathway?

Project Management [Change pathways](#)

Career Cluster: Business Management and Administration

Click the button to view and select a new pathway. We'll make sure your planned coursework is added to the new pathway. Remember to review and update course selections if needed.

What are Star Jobs?

North Carolina's 5-Star Jobs represent occupations with the greatest projected employment potential through 2030. Occupations were rated from 1-5 stars based on wages, projected growth rates, and projected job openings.

FAYETTEVILLE-LUMBERTON REGION



Bladen | Columbus | Cumberland
Hoke | Robeson | Sampson | Scotland



For a complete list of Star Jobs and explanation of the rating process, scan the QR code or visit: www.commerce.nc.gov/data-tools-reports/labor-market-data-tools/employment-projections#StarJobs-274

Advanced Degree

MEDIAN WAGE

Hourly Annual

★	Physician Assistants	\$54.16	\$112,653
★	Nurse Practitioners	\$51.16	\$106,416
★	Physical Therapists	\$42.32	\$88,030
★	Occupational Therapists	\$39.13	\$81,397
★	Speech-Language Pathologists	\$36.02	\$74,930
★	Nurse Anesthetists	\$106.10	\$220,690
★	Historians	\$51.62	\$107,370
★	Lawyers	\$41.88	\$87,119
★	Statisticians	\$41.06	\$85,405
★	Curators	\$36.96	\$76,877

All wages are based on LEAD analysis of data of Occupational Employment and Wage Statistics (OEWS) 2022 Data released in May 2023.

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DREAM IT. PLAN IT. BE IT.
NCcareers.org



NCcareers.org



@CareersinNC



lead@commerce.nc.gov

High School & Work Experience

	MEDIAN WAGE	
	Hourly	Annual
★ Transportation, Storage, and Distribution Managers	\$43.46	\$90,406
★ First-Line Supervisors of Construction Trades and Extraction Workers	\$28.56	\$59,409
★ Electricians	\$23.34	\$48,555
★ Industrial Machinery Mechanics	\$22.97	\$47,780
★ Electrical Power-Line Installers and Repairers	\$29.65	\$61,668
★ First-Line Supervisors of Police and Detectives	\$28.81	\$59,932
★ Postal Service Clerks	\$27.51	\$57,221
★ Food Service Managers	\$26.48	\$55,079
★ Postal Service Mail Carriers	\$25.22	\$52,458
★ Mobile Heavy Equipment Mechanics, Except Engines	\$25.07	\$52,146

Associate's Degree

	MEDIAN WAGE	
	Hourly	Annual
★ Registered Nurses	\$36.36	\$75,621
★ Respiratory Therapists	\$29.39	\$61,139
★ Occupational Therapy Assistants	\$29.25	\$60,838
★ Physical Therapist Assistants	\$28.68	\$59,656
★ Radiation Therapists	\$38.63	\$80,352
★ Architectural and Civil Drafters	\$28.12	\$58,494
★ Radio, Cellular, and Tower Equipment Installers and Repairers	\$27.00	\$56,162
★ Civil Engineering Technologists and Technicians	\$26.60	\$55,328
★ Medical Equipment Repairers	\$24.81	\$51,596
★ Environmental Science and Protection Technicians, Including Health	\$22.70	\$47,211

Postsecondary Training

	MEDIAN WAGE	
	Hourly	Annual
★ First-Line Supervisors of Firefighting and Prevention Workers	\$29.76	\$61,897
★ Aircraft Mechanics and Service Technicians	\$29.22	\$60,785
★ Massage Therapists	\$24.76	\$51,507
★ Licensed Practical and Licensed Vocational Nurses	\$24.36	\$50,659
★ Surgical Technologists	\$22.14	\$46,054
★ Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$21.83	\$45,397
★ Heavy and Tractor-Trailer Truck Drivers	\$21.62	\$44,974
★ Skincare Specialists	\$20.23	\$42,082
★ Paramedics	\$18.91	\$39,331
★ Firefighters	\$16.69	\$34,719

Bachelor's Degree

	MEDIAN WAGE	
	Hourly	Annual
★ Computer and Information Systems Managers	\$59.90	\$124,587
★ Software Developers	\$51.35	\$106,816
★ Financial Managers	\$51.06	\$106,210
★ Medical and Health Services Managers	\$50.23	\$104,486
★ Data Scientists	\$49.76	\$103,511
★ Information Security Analysts	\$48.09	\$100,036
★ Management Analysts	\$41.03	\$85,342
★ Construction Managers	\$40.24	\$83,695
★ Logisticians	\$38.15	\$79,348
★ Civil Engineers	\$38.00	\$79,032

Note: Selected occupations for each education/experience category are based on the Star Jobs Methodology. Education categories in this brochure represent the minimum level of education required for entry according to the Bureau of Labor Statistics. Actual market conditions may require additional education and training.



GPA?

GPA stands for Grade Point Average. It's a way to measure how well you're doing in school. Imagine you have different classes like math, science, and English. You get a grade in each class - like an A, B, C, D, or F.

Now, let's talk about the GPA part. Each of those grades has a number assigned to it. A is usually a 4, B is a 3, C is a 2, D is a 1, and F is a 0. These numbers are like points. So, if you get an A in math, that's 4 points. If you earn a B in science, that's 3 points, and so on.

To find your GPA, you add up all those points and divide by the number of classes you have. The higher your GPA, the better you're doing in school.

Why is having a good GPA important? It's like a report card for how well you're learning and working hard. When you do well in school, it can open up more opportunities for you in the future. Colleges and potential employers might look at your GPA to see how dedicated and hard working you are.

So, keeping a good GPA is like planting seeds for a successful future. It shows that you're responsible and ready for the exciting adventures that come your way!



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Hoke County