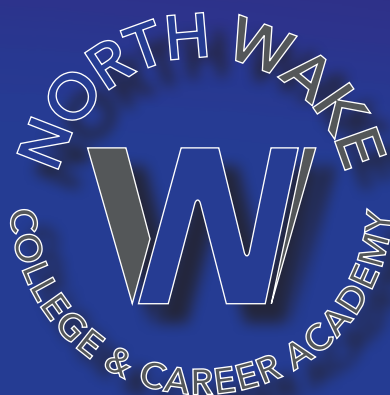




**CLASS EDUCATION**



# A TOP

## N O T C H F A C U L T Y



100%  
Graduation Rate



100%  
College Ready



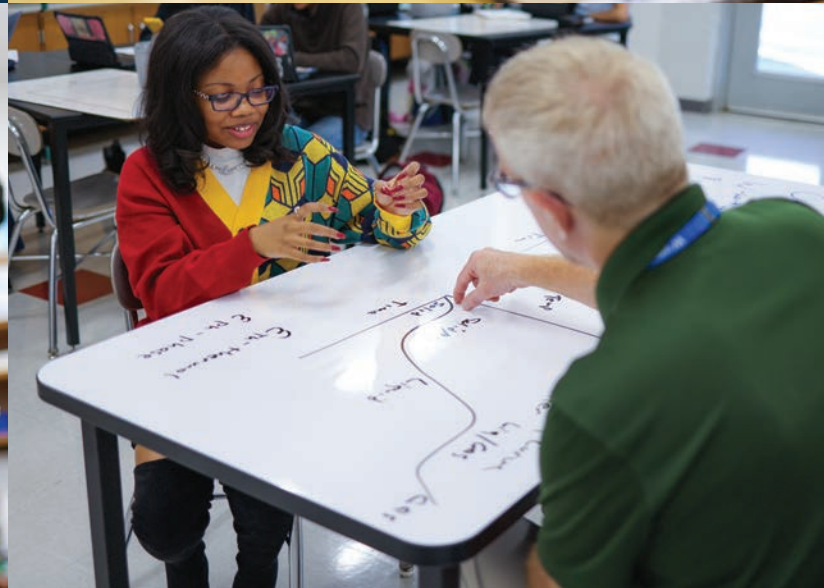
100%  
Career Ready



Industry  
Credentials



# A N D S T A F F



Project-Based  
Learning



AP & Honors  
Courses

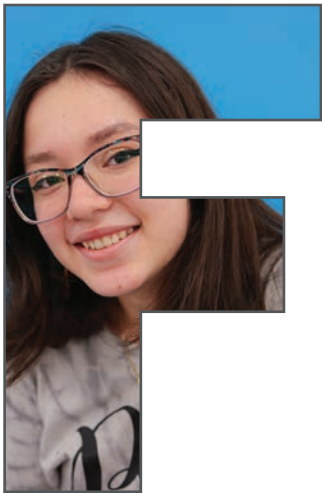


Individualized  
Instruction



Top Early College  
in Academic Growth

# TUITION





North Wake College and Career Academy (NWCCA) is a Cooperative Innovative High School for students in Grades 9-12 that focuses on graduating students college and career ready in one of five program areas of study. NWCCA is a partnership between the Wake County Public School System (WCPSS) and Wake Technical Community College (WTCC). NWCCA students have the opportunity to graduate with a high school diploma, a Wake Tech certificate, college credits and recognized industry credentials.

NWCCA is a Project-Based Learning (PBL) school allowing students to discover and learn content knowledge by working on an authentic project over an extended period of time. These projects engage students in solving a real-world problem or answering a complex question related to the content standards for the course. Students demonstrate their understanding and skills by developing and sharing a public product with a real audience. As a result, a deep understanding of content knowledge is developed in addition to sharpening critical thinking, creativity, collaboration and communication skills in a meaningful context.

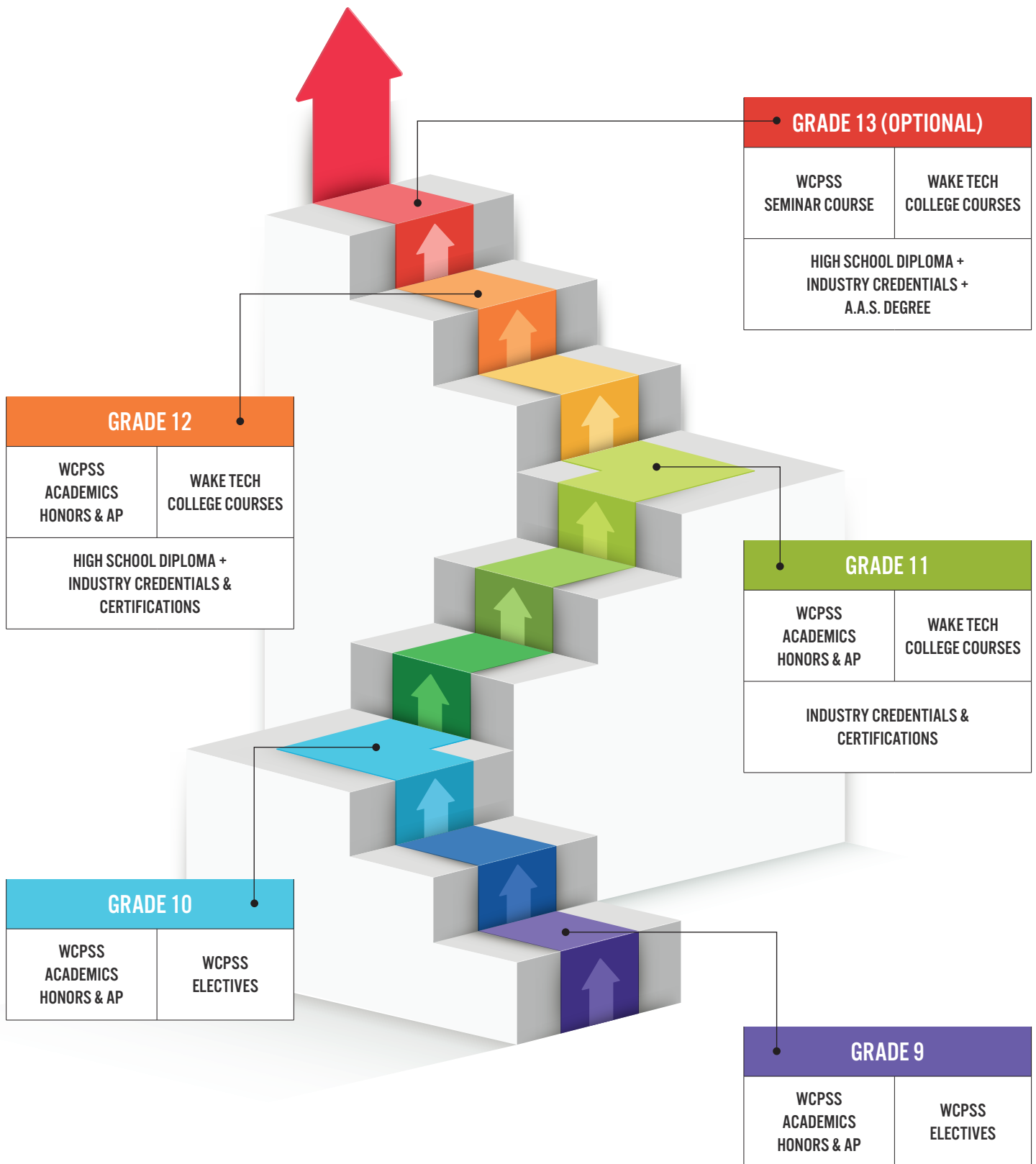
To greater enhance student learning, NWCCA has established a comprehensive career development program emphasizing college and career readiness. Businesses and industry experts power this program providing employability skills training, career exploration activities, job shadowing experiences, summer internships and employment opportunities.







# NORTH WAKE COLLEGE & CAREER ACADEMY EDUCATIONAL MODEL







Our Associate in Applied Science (A.A.S.) degrees are designed to give students marketable skills (Industry Certifications and WTCC Certificates) as the cornerstone to an evolving career. All students in a WTCC program of study at NWCCA during their junior and senior years, with satisfactory academic progress, will earn a Wake Tech Certificate.\* Students will have opportunities beyond the Wake Tech Certificate to earn additional college credits toward the completion of the same A.A.S. degree. Students have the unique opportunity to customize their college experience and career development, tuition free!

In addition to the certificate, optional college courses in the program of study are available to help complete the A.A.S. degree. 5th and 6th -period courses are available virtually, after school and include several university transferable credits within the AAS degree. Students can elect to take additional courses in the summer, or during the school day to replace WCPSS electives not needed for graduation.

**Below are options for completing courses beyond the Wake Tech Certificate:**

Option	When	Description	Goal
5th period	Fall and Spring semesters of Junior and Senior Years	In addition to WCPSS and WTCC courses during school day	Completing university transferable general education courses in AAS degree
Elective Replacement	Fall and Spring semesters of Junior and Senior Years	Replaces a WCPSS elective not needed for High School graduation	Completing courses in AAS degree tuition FREE
6th period	Fall and Spring semesters of Senior Year	In addition to 5th period course	Completing courses in AAS degree tuition FREE
Summer School @ Wake Tech	Summer after Junior, Senior or 13th year	AAS degree course (8- & 10-week sessions)	Completing courses in AAS degree tuition FREE
13th Year	After 12th grade, Student still walks with graduating class	Full or part time college schedule, working toward AAS degree completion*	Completing courses in AAS degree tuition FREE

Our AAS degrees provide marketable employable skills, and are different from University Transferable Associate degrees. Students have an opportunity to work toward completing the AAS degree by becoming full-time college students during the 13th Year, tuition-free! \*

Focused and motivated students will acquire skills (through certificates, industry credentials, university transferable credit & A.A.S degree completion) to develop their education, and potential careers. Let's develop a plan for success together!

For more information about our college programs, contact:

James Sanders | [jrsanders1@waketech.edu](mailto:jrsanders1@waketech.edu) | 919-866-5067

\* Except EMS, no WTCC certificate





# BUSINESS ADMINISTRATION

HIGH SCHOOL	HIGH SCHOOL + YEAR 13
Diploma	All High School Certificates & Credits
Entrepreneurship Certificate	Business Core Certificate
Leadership Certificate	Career Success Certificate
Human Resource Certificate	35 Optional University Transferable Credits
24 Credits Towards A.A.S. Degree	General Business Administration, A.A.S.

COLLEGE COURSES			
GRADE 11 (FALL SEMESTER)	GRADE 11 (SPRING SEMESTER)	GRADE 12 (FALL SEMESTER)	GRADE 12 (SPRING SEMESTER)
BUS 110 Introduction to Business (3)	BUS 139 Entrepreneurship I (3)	BUS 137 Principles of Management (3)	BUS 240 Business Ethics (3)
MKT 120 Principles of Marketing (3)	BUS 230 Small Business Management (3)	BUS 153 Human Resources Management (3)	BUS 255 Organizational Behavior in Business (3)

OTHER UNIVERSITY PATHWAYS			
Business Administration	Accounting	Marketing	Entrepreneur



## CULINARY ARTS

HIGH SCHOOL	HIGH SCHOOL + YEAR 13
Diploma	All High School Certificates & Credits
Culinary Arts Certificate	12 Optional University Transferable Credits
ServSafe Certification	Culinary Arts, A.A.S.
27 Credits Towards A.A.S. Degree	

## COLLEGE COURSES

GRADE 11 (FALL SEMESTER)	GRADE 11 (SPRING SEMESTER)	GRADE 12 (FALL SEMESTER)	GRADE 12 (SPRING SEMESTER)
CUL 110 Sanitation & Safety (2)	CUL 112 Nutrition for Foodservice (3) CUL 112A Nutrition for Fdsv Lab (1)	CUL 160 Baking 1 (3)	CUL 240 Culinary Skills II (5)
CUL 140 Culinary Skills I (5)	CUL 130 Menu Design (2)	CUL 170 Garde Manger I (3)	
	HRM 245 Human Resource Management-Hosp. (3)		

## OTHER UNIVERSITY PATHWAYS

Cook	Baking and Pastry	Food Service	Foodservice Management
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# EARLY CHILDHOOD EDUCATION

HIGH SCHOOL	HIGH SCHOOL + YEAR 13
Diploma	All High School Certificates & Credits
Preschool Foundations Certificate	Up to 60 University Transfer Credits
Early Childhood Certificate	Birth to Kindergarten Licensure, A.A.S.
Infant   Toddler Care Certificate	
25 Credits Towards A.A.S. Degree	

## COLLEGE COURSES

GRADE 11 (FALL SEMESTER)	GRADE 11 (SPRING SEMESTER)	GRADE 12 (FALL SEMESTER)	GRADE 12 (SPRING SEMESTER)
EDU 119 Intro to Early Child Education (4)	EDU 145 Child Development II (3)	EDU 131 Child, Family, & Community (3)	EDU 234 Infants Toddlers, and Twos (3)
EDU 144 Child Development I (3)	EDU 153 Health, Safety & Nutrition (3)	EDU 146 Child Guidance (3)	EDU 151 Creative Activities (3)

## OTHER UNIVERSITY PATHWAYS

Elementary Teacher	Social Worker	School Administrator	Psychologists
Secondary Teacher	Counselor	College Professor	Instructional Coordinator





# EMERGENCY MEDICAL SCIENCE

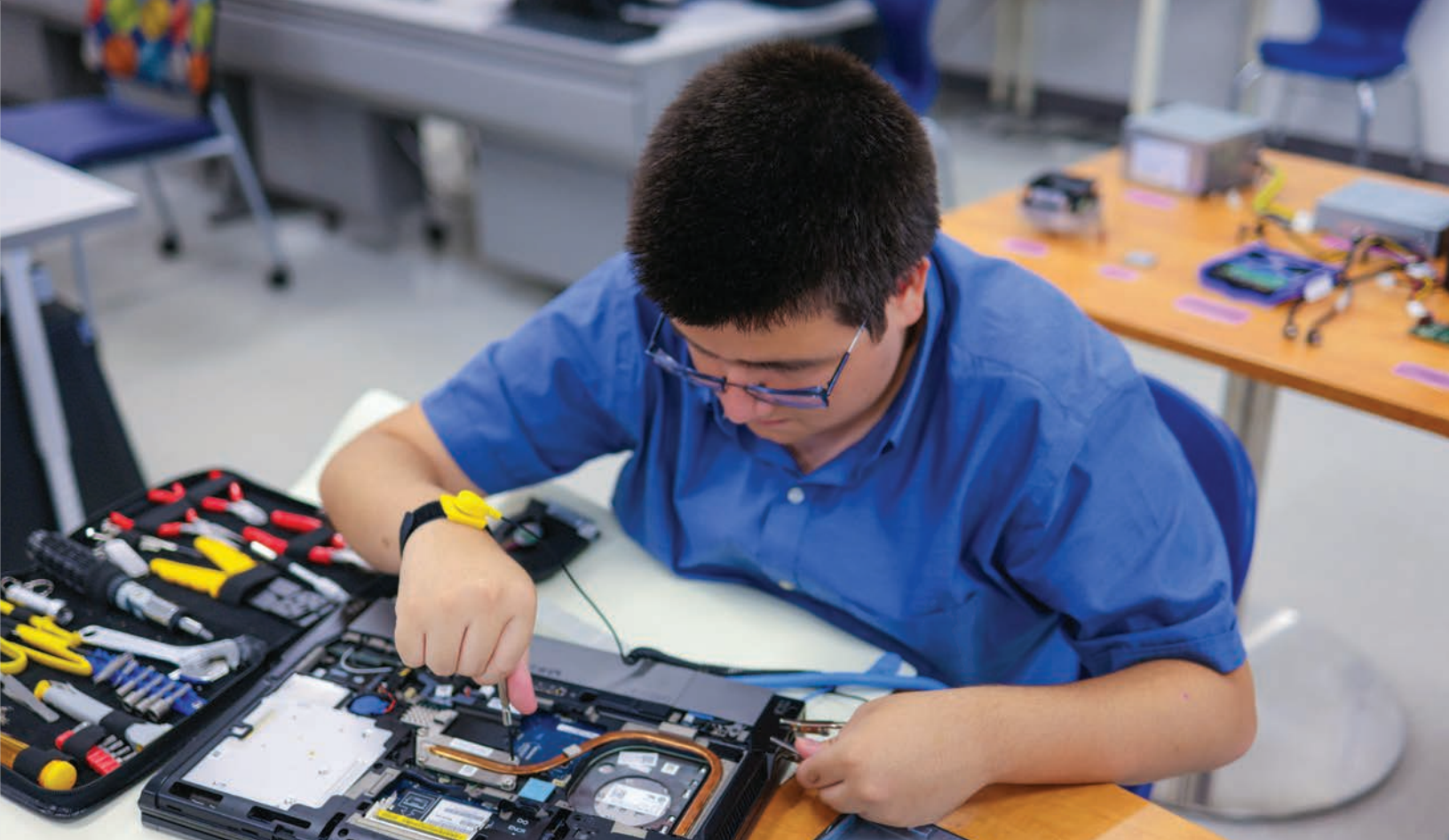
HIGH SCHOOL	HIGH SCHOOL + PRE-APPRENTICESHIP	APPRENTICESHIP*
Diploma	Diploma	Wake County EMS Job*
Emergency Medical Technician (EMT)	EMT Certification	Emergency Medical Science A.A.S.*
AHA Basic Life Support (BLS) CPR	Employment/Practice at Wake County EMS*	A.A.S. Degree Tuition-Free*
8 Credits Towards A.A.S. Degree		Paramedic Certification*
*All apprenticeship applicants must undergo a competitive screening and interview process. The pre-apprenticeship and apprenticeship are powered by Wake County EMS.		

## COLLEGE COURSES

GRADE 11 (FALL SEMESTER)	GRADE 11 (SPRING SEMESTER)	GRADE 12 (FALL SEMESTER) BY WAKE COUNTY EMS	GRADE 12 (FALL SEMESTER) BY WAKE COUNTY EMS
EMS 140/A Rescue Scene Management (3)	BIO 163 Anatomy and Physiology (5)	Emergency Medical Technician (EMT) Class offered by Wake County EMS	

## OTHER UNIVERSITY PATHWAYS

Paramedic	Nurse	Veterinarian	Doctor
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# INFORMATION TECHNOLOGY

HIGH SCHOOL	HIGH SCHOOL + YEAR 13
Diploma	All High School Certificates & Credits
Hardware Support and Repair Certificate	18 Optional University Transferable Credits
Eligible for CompTIA A+ Certification	Information Technology: Service and Support, A.A.S
Eligible for Modera Desktop Admin Certification	
24 Credits Towards A.A.S. Degree	

COLLEGE COURSES			
GRADE 11 (FALL SEMESTER)	GRADE 11 (SPRING SEMESTER)	GRADE 12 (FALL SEMESTER)	GRADE 12 (SPRING SEMESTER)
NOS 110 Operating Systems Concepts (3)	NOS 130 Windows Single User (3)	CTS 120 Hardware/Software Support (3)	NOS 120 Linux/UNIX Single User (3)
CTI 120 Network and Security Foundations (3)	CTS 272 Desktop Support: Applications (3)	CTS 220 Advanced Hardware/Software Support (3)	CTS 155 Technical Support Functions (3)

OTHER UNIVERSITY PATHWAYS			
Computer Science	Engineering	Information Technology	Cyber Security

# WAKE TECH COLLEGE PROGRAM DESCRIPTIONS

## BUSINESS ADMINISTRATION

The Business Administration curriculum introduces students to the free enterprise system. It offers a fundamental knowledge of business functions and processes, and an understanding of business organization and operation in today's global economy.

Coursework includes business concepts such as management and marketing. Skills related to the application of these concepts are developed through the study of computer literacy, communication, team-building, and decision-making.

## CULINARY ARTS

The Culinary Arts curriculum provides specific training required to prepare students to assume positions as trained culinary professionals in a variety of food service settings including fine dining full-service restaurants, hotels, resorts, clubs and cruise lines.

Coursework includes hands-on culinary fundamentals, professionalism and provides the critical competencies to successfully meet industry demands. Courses also include sanitation, menu planning, baking, Garde Manger, advanced culinary arts, and hospitality supervision.

## EARLY CHILDHOOD EDUCATION

The Early Childhood Education curriculum prepares individuals to work with children from birth through kindergarten in diverse learning environments. Students who complete the A.A.S degree will have the option to transfer 60 credits to UNC Member schools with Early Childhood programs for a bachelor's degree.

Coursework includes child growth and development; physical/ nutritional needs of children; care and guidance of children; and communication skills with families and children. Students will learn to foster the cognitive/ language, physical/motor, social/emotional, and creative development of young children.

## EMERGENCY MEDICAL SCIENCE

The Emergency Medical Science program provides high-quality instruction in emergency medical care to prepare students for N.C. Emergency Medical Technician (EMT) credential. EMS students apply learned concepts and skills in real-world settings through field clinical experiences. Proof of vaccinations, criminal background check, and drug screen must be obtained and provided to be eligible for EMS courses. Students with vaccine exemptions will not be eligible for this program.

Due to regulatory requirements in EMS programs, students will not be eligible for a 13th-year option.

## INFORMATION TECHNOLOGY

The IT Service & Support curriculum gives students the practical and marketable skills necessary to support computer systems in any business. Students begin with the installation, configuration and maintenance of operating systems, including Windows and Linux

Coursework introduces students to networks, virtualization, hardware support and repair, and Windows desktop and server configurations.



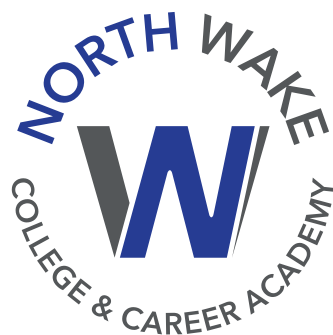


# NWCCA HOW TO APPLY



## APPLICATION INCLUDES

- A student-written essay for each school
- Two years of prior grades
- Recommendations from the ELA teacher, the math teacher and a school administrator or school counselor.
- Current grades
- Two years of prior standardized test scores



**Cherilyn Murray, Magnet Coordinator**

For Information Contact Ms. Murray  
at [cmurray2@wcpss.net](mailto:cmurray2@wcpss.net)  
**North Wake College & Career Academy**  
[www.wcpss.net/northwakecca](http://www.wcpss.net/northwakecca)  
931 Durham Road Wake Forest, NC 27587  
919-694-8650



**SCAN TO APPLY**



**WAKE COUNTY**  
PUBLIC SCHOOL SYSTEM