CATALOG 2022

ONE HUNDRED PERCENT

OF STUDENTS COLLEGE & CAREER READY

NORTH WAKE
COLLEGE & CAREER ACADEMY

A 21st CENTURY

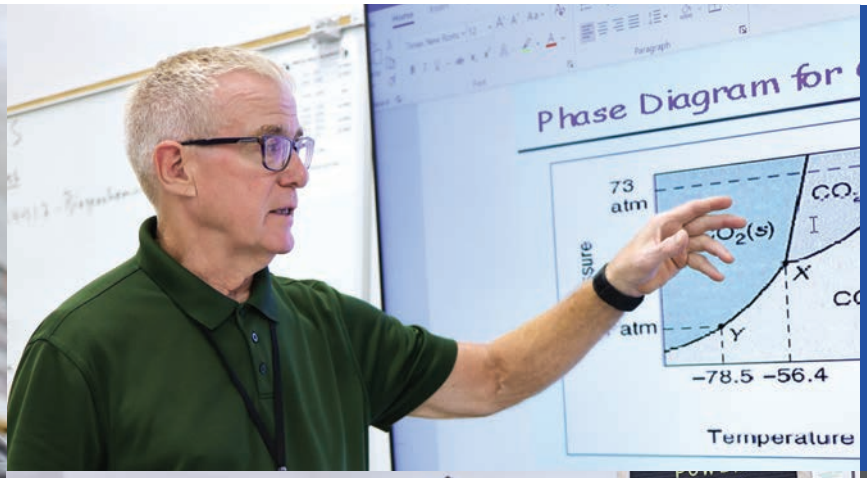
100%
Graduation Rate

100%
College Ready

100%
Career Ready

Industry
Credentials

E D U C A T I O N



Project-Based Learning

AP & Honors Courses

Individualized Instruction

Top Early College in Academic Growth

TUITION

WORLD-CLASS EDUCATION

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.

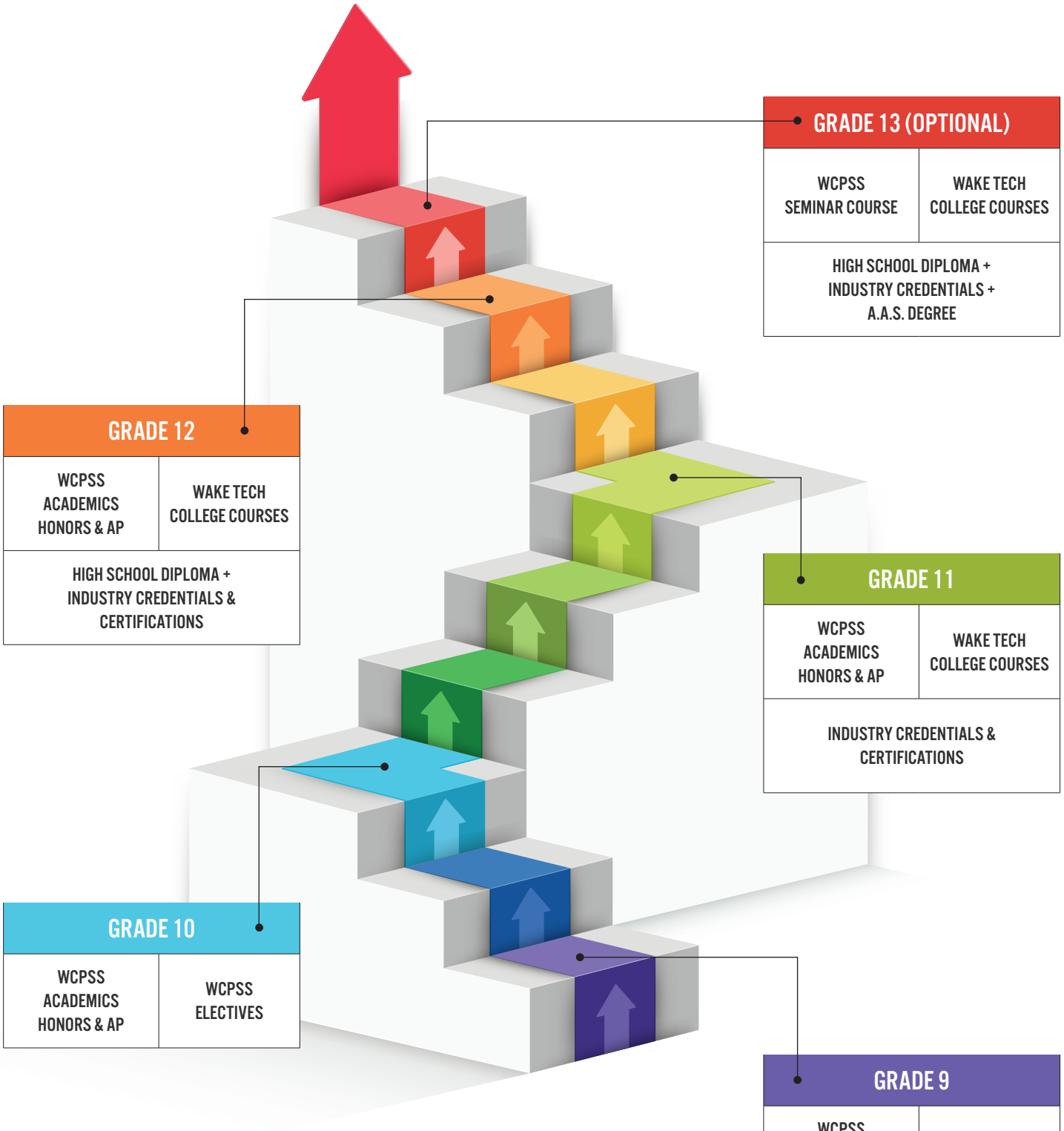
NWCCA is a Project-Based Learning (PBL) school allowing students to discover and learn content knowledge by working on an authentic project over an extended period of time. These projects engage students in solving a real-world problem or answering a complex question related to the content standards 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.

MONICA PERDOMO
TEACHER OF THE YEAR

NORTH WAKE COLLEGE & CAREER ACADEMY

EDUCATIONAL MODEL



GRADE 13 (OPTIONAL)

WCPSS SEMINAR COURSE	WAKE TECH COLLEGE COURSES
HIGH SCHOOL DIPLOMA + INDUSTRY CREDENTIALS + A.A.S. DEGREE	

GRADE 12

WCPSS ACADEMICS HONORS & AP	WAKE TECH COLLEGE COURSES
HIGH SCHOOL DIPLOMA + INDUSTRY CREDENTIALS & CERTIFICATIONS	

GRADE 11

WCPSS ACADEMICS HONORS & AP	WAKE TECH COLLEGE COURSES
INDUSTRY CREDENTIALS & CERTIFICATIONS	

GRADE 10

WCPSS ACADEMICS HONORS & AP	WCPSS ELECTIVES

GRADE 9

WCPSS ACADEMICS HONORS & AP	WCPSS ELECTIVES

WAKE TECH
COMMUNITY COLLEGE

Our Associate in Applied Science (A.A.S.) degrees are designed to give students marketable skills as the foundation to an evolving career. Students will have opportunities beyond the Wake Tech Certificate to earn additional credits toward the A.A.S. degree.

Optional college courses are available to help complete the A.A.S. degree or meet college goals. 5th-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 their program of study in the summer, or during the school day to replace WCPSS electives. While our AAS degrees provide marketable employable skills, they are different from University Transferable Associate degrees.

Students will have additional opportunities to work toward completing the AAS degree by becoming full-time college students during the 13th Year, tuition-free (except EMS, EMS has Apprenticipship opportunities).

Focused and motivated students will acquire skills (through certificates, credentials, & A.A.S degree) to advance their education and potential careers.

For more information about our college programs, contact:

James Sanders
jrsanders1@waketech.edu
919-866-5067

BUSINESS ADMINISTRATION

HIGH SCHOOL	HIGH SCHOOL + YEAR 13
Diploma +	Diploma +
Entrepreneurship Certificate +	Entrepreneurship & Leadership Certificates +
Leadership Certificate +	55 Credits Towards A.A.S. Degree +
24 Credits Towards A.A.S. Degree	14 Credit Remaining (5th Period/Summer) =
	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 +	Diploma +
Culinary Arts Certificate +	Culinary Arts & ServSafe Certificates +
ServSafe Certification +	60 Credits Towards A.A.S. Degree +
27 Credits Towards A.A.S. Degree	12 Credit Remaining (5th Period/Summer) =
	Culinary Arts, A.A.S.

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

EARLY CHILDHOOD EDUCATION

HIGH SCHOOL	HIGH SCHOOL + YEAR 13	UNIVERSITY
Diploma +	Diploma +	60 College Credits +
Preschool Foundations Certificate	Preschool Foundations Certificate +	PK Bachelor Degree
	Birth to Kindergarten Licensure, A.A.S. +	
	60 College Credits	

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 Adminstrator	Psychologists
Secondary Teacher	Counselor	College Professor	Instructional Coordinator

EMERGENCY MEDICAL SCIENCE

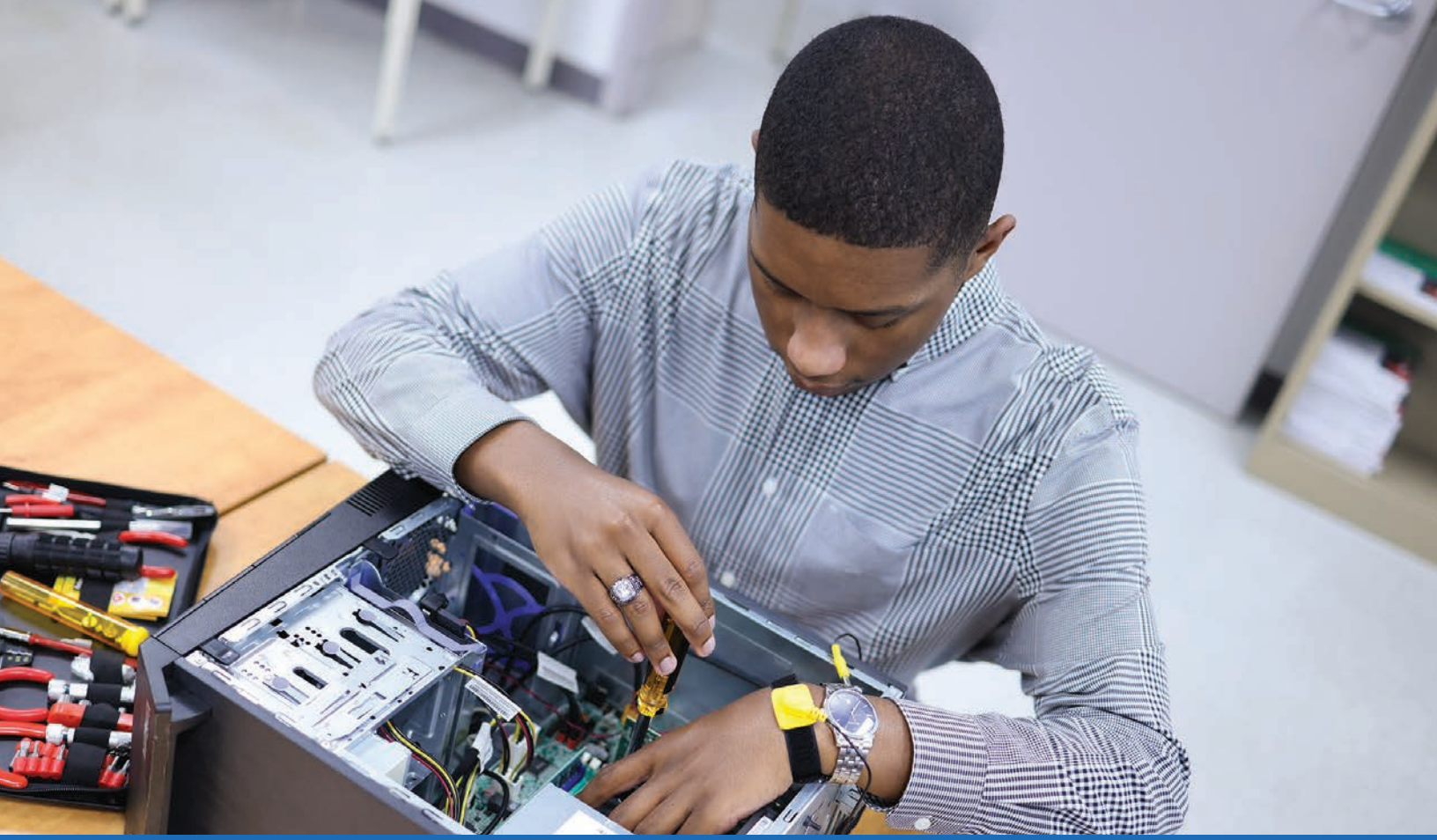
HIGH SCHOOL	HIGH SCHOOL + PRE-APPRENTICESHIP	APPRENTICESHIP*
Diploma +	Diploma +	Wake County EMS Job* +
Emergency Medical Technician (EMT) +	EMT Certification +	Emergency Medical Science A.A.S.*+
AHA Basic Life Support (BLS) CPR +	Employment/Practice at Wake County EMS*	A.A.S. Degree Tuition-Free* +
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



INFORMATION TECHNOLOGY

HIGH SCHOOL	HIGH SCHOOL + YEAR 13
Diploma +	Diploma +
Hardware Support and Repair Certificate +	Hardware Support and Repair Certificate +
Eligible for CompTIA A+ Certification +	55 Credits Towards A.A.S. Degree +
Eligible for Windows Desktop Certification	14 Credit Remaining (5th Period/Summer) =
24 Credits Towards A.A.S. Degree	Information Technology: Service and Support, A.A.S.

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.

EMERGECY 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 virtualization, hardware support and repair, and Windows desktop and server configurations.

WAKE TECH
COMMUNITY COLLEGE

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

NORTH WAKE COLLEGE & CAREER ACADEMY

SCAN TO APPLY

Cherilyn Murray, Magnet Coordinator

For Information Contact Ms. Murray
at cmurray2@wcpss.net or 919-500-6314

North Wake College & Career Academy
www.wcpss.net/northwakecca
931 Durham Road Wake Forest, NC 27587
919-694-8650

WAKE COUNTY PUBLIC SCHOOL SYSTEM