Students are admitted to all academy programs through an application process. Packet includes student application, teacher/counselor recommendation form, and parent/student memorandum of understanding.

A school transfer may be required for certain academies. The student must be accepted into an academy before the transfer is requested.

**AGRISCIENCE ACADEMY** is a four-year program of study designed for students pursuing a career in the broad area of agriculture. Admission is by application only and students may apply in the 8th or 9th grade.

**CISCO NETWORKING ACADEMY** is a two-year program of study designed for students pursuing a career in Network Engineering Technology. Admission is by application only and students may apply in the 9th grade.

**FIRE TRAINING ACADEMY** is a program that will be offered for the 2013-2014 school year. The academy goal is to provide accredited certification to become a NC Firefighter. This certification will be aligned with national standards.

**HEALTH SCIENCES ACADEMY** is a four-year program of study designed for students pursuing a career in healthcare or a healthcare-related career. Students may apply in the 8th or 9th grade.

**INDUSTRIAL AND ADVANCED MANUFACTURING** is a program with Nash Community College that introduces students to advanced manufacturing areas such as computer integrated machining, welding, industrial systems, mechatronics, electronics and computer engineering.

**INFORMATION TECHNOLOGY ACADEMY** is a program of study that introduces students to the broad career opportunities in today’s digital workforce. Admission is by application only and students may apply in the 8th or 9th grade.

**STEM ACADEMY** is designed to provide high school students essential and enduring 21st century skills.

**TEACHER EDUCATION ACADEMY** is designed to provide educational opportunities for students interested in becoming teachers by giving them an advanced start in college course work towards completion of a baccalaureate degree. Students may apply in the 10th grade.

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### National Technical Honor Society

The National Technical Honor Society is an organization designed to recognize students who excel in career and technical education. Students inducted into the society must meet the following qualifications:

- Be a senior
- Have a minimum, overall GPA of 88 (3.00)
- Complete a CTE (Career and Technical Education) pathway
- Have completed or currently be enrolled in at least the 5th CTE unit
- Have an average grade of 93 (3.63) in CTE courses
- Complete Algebra II and Technical Math II
- Have the recommendation of a CTE teacher

To receive an honor cord at graduation, student must maintain all membership qualifications.

### CTE Industry Certifications

High school students can attain and be more marketable in the employment arena and better prepared to succeed in a post-secondary environment. Students who complete an Industry Certification will have the qualifications to apply for a variety of jobs after graduation. Below is a list of some Industry Certifications and Credentials that CTE programs prepare students for:

- ASE Brakes and Electrical, Career Readiness Certificate, CISCO Certified CCENT, CISCO CCNA, CompTIA A+, CompTIA Network +, Microsoft Office Specialist, NA3SA (National Automotive Student Skills Standards Assessment), NCCER, North Carolina Nurse Aide I and II Registry (CNA), and ServSafe Manager Food Protection Certification.

For more information, contact:

**Pamela Lewis**
Executive Director of Career & Technical Education
(252) 462-2536
(252) 459-5321 Fax
email: prlewis@nrms.k12.nc.us
The Mission: Career and College Ready

The mission of career and technical education is to help empower students to be successful citizens, workers and leaders in a global economy. We want to ensure all students graduate from high school ready to college, careers, and life.

CTE fulfills this mission by:

• Providing career guidance to assist students in making informed career decisions.
• Preparing students for further career and technical education.
• Preparing students for initial employment.
• Assisting students in making educational and occupational decisions.
• Applying and reinforcing related learning from other disciplines.
• Preparing students to make informed consumer decisions and apply practical life skills.
• Assisting persons who have academic, socio-economic, and/or other disadvantages or handicaps that prevent them from succeeding in career and technical education.

Apprenticeship Program

The Nash-Rocky Mount Public Schools Youth Apprenticeship/Internship Program allows selected students to participate as apprentices or interns in the workplaces of local businesses and industries. Students must successfully complete an application process that includes a written application and a business/industry panel interview. Placed students are paid as they learn occupational competencies identified by the student’s employer and school personnel. Students receive an excellent education, businesses get well-trained employees, schools serve motivated students and communities realize multiple benefits from every dollar invested.

The Program

CTE programs are designed to contribute to the broad educational achievements of students, including basic skills, as well as their ability to work independently and as part of a team, think creatively and solve problems, and utilize technology in the thinking and problem-solving process. Our schools provide courses in the following eight program areas, with each area having possible school-based, work-based, or community-based learning opportunities.

• Agricultural Education
• Business, Finance, and Information Technology Educations
• Career Development
• Family and Consumer Science Education
• Health Science Education
• Marketing and Entrepreneurship Education
• Technology Engineering and Design Education
• Trade and Industrial Education

The Nash-Rocky Mount Public Schools Career and Technical Education Program is a very comprehensive one – offering nearly 100 different career and technical courses. State-of-the-art technology and instruction ensure that our students are afforded the best opportunities for career success.

The Clusters

All NC CTE courses align to the Career Clusters™. Each course is placed in a Career Cluster based on a set of knowledge and skills common to all careers in the entire Career Cluster. Industry-validated knowledge and skills statements of student expectations identify what the student should know and be able to do. They prepare students for success in a broad range of occupations/career specialties. Some CTE courses cross over all 16 Career Clusters™. The 16 Career Clusters™ are:

• Agriculture, Food and Natural Resources
• Architecture and Construction
• Arts, A/V Technology & Communications
• Business Management & Administration
• Education & Training
• Finance
• Government & Public Administration
• Health Science
• Hospitality & Tourism
• Human Services
• Information Technology
• Law, Public Safety, Corrections & Security
• Manufacturing
• Marketing
• Science, Technology, Engineering & Mathematics
• Transportation, Distribution & Logistics