

North Carolina Career Pathway

(for academic years prior to 2009-2010)

Construction Technologies

This pathway involves a wide variety of construction activities. These activities include general carpentry work, cabinet making and installation; framing and hanging of wall, doors, and windows; furniture design and production; installation, repair and maintenance of electrical systems for building and equipment; and building walls, doors, fireplaces, and other structures using a variety of masonry materials and techniques.

Select from the Construction Technologies classes listed below. A student must pass four related vocational classes in a pathway. One of these four courses must be an upper level starred course*.

9 th Grade	10 th Grade	11 th Grade	12 th Grade
English I	English II	English III	English IV
Math*	Math*	Math*	Math*
Science	Science	Science	Elective
Social Studies	Social Studies	Social Studies	Elective
Health and PE	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective
Elective	Elective	Elective	Elective

***Math Suggestions for the three Courses of Study listed below**

Career Prep	College Tech Prep	College/University Prep
<p>3 credits Including Algebra I (This requirement can be met with Integrated Math I and II when accompanied with the Algebra I EOC)</p>	<p>3 credits Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I and II, OR Integrated Math I, II, III</p>	<p>4 credits Algebra I, Geometry, Algebra II, AND higher level math course with Algebra II as prerequisite OR Integrated Math I, II, III and a credit above Integrated Math III</p>

Community College Majors

Air Conditioning, Heating, & Refrigeration Technology Boat Building (Diploma), Building Construction Technology, Cabinetmaking (Diploma), Carpentry (Diploma) Commercial Refrigeration Technology, Electrical/Electronics Technology, Heavy Equipment Operator (Diploma) Industrial Construction Technology-Electrical Concentration, Mechanical Concentration, Masonry (Diploma), Plumbing (Diploma)

College/University Majors

Construction Technology, Construction Engineering, Civil Engineering, Structural Engineering, Construction Management, Furniture Design, Furniture Manufacturing, Industrial Technology, Electrical Engineering, Electronic Engineering, Industrial Technology, Civil Engineering, Construction Management, Construction Technology, Structural Engineering, Construction Engineering,, Industrial Technology

Electives

Not all classes listed here will be available at each high school.

6235 Sml Business/Entrep BE	7741 Electrical Trade I
6411 Computer Applicats I	7742 Electrical Trade II*
6512 Keyboarding (H.S.)	7743 Electrical Trade III
6615 Small Bus/Entrshp ME	7921 Drafting I
7400 Intro T & I Education	7962 Drafting - Architr II*
7622 Cabinetmaking II*	7963 Drafting - Architr III
7623 Cabinetmaking III	7996 T & I Apprentshp Meth*
7711 Masonry I	7997 T & I Co-Op Method
7712 Masonry II*	7999 T & I Adv Studs*
7713 Masonry III	8011 Principles of Tech I
7720 Construction Core	8110 Fundamentals of Tech
7721 Construction Tech I	8141 Structural Systems
7722 Construction Tech II*	
7723 Construction Tech III	