

# North Carolina Career Pathway

(for academic years prior to 2009-2010)

## Transport Systems Technologies

This pathway includes collision repair, rebuilding and refinishing of auto bodies, as well as the maintenance and repair of all transportation vehicles. High School Focus- Technology Education and Trade and Industrial Education.

Select from the Transport Systems 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 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
English I Math* Science Social Studies Health and PE Elective Elective Elective	English II Math* Science Social Studies Elective Elective Elective Elective	English III Math* Science Social Studies Elective Elective Elective Elective	English IV Math* Elective Elective Elective Elective Elective Elective

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

Career Prep	College Tech Prep	College/University Prep
<b>3 credits</b> Including Algebra I (This requirement can be met with Integrated Math I and II when accompanied with the Algebra I EOC)	<b>3 credits</b> Algebra I, Geometry, Algebra II, OR Algebra I, Technical Math I and II, OR Integrated Math I, II, III	<b>4 credits</b> 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

## Community College Majors

Aviation Systems Technology, Airframe Concentration, Powerplant Concentration, Marine Propulsion Systems (Diploma) Medium/Heavy Duty Vehicle Systems Technology, Agricultural Systems Concentration, Construction Equipment Systems Concentration, Marine Systems Concentration, Motorcycle Mechanics (Diploma), Small Engine and Equipment Repair (Diploma), Truck Driver Training (Certificate), Automotive Systems Technology, Autobody Repair (Diploma), Automotive Parts Sales Representative (Diploma), Automotive Restoration Technology (Diploma)

## College/University Majors

Applied Science Technologies, Mechanical Engineering, General Engineering, Engineering Technologies, Automobile Design, Automotive Engineering, Technology Education, and Industrial Technology

## Electives

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

6411 Computer Applicats I 6512 Keyboarding (H.S.) 7400 Intro T & I Education 7511 Automtve Serv Tech I 7512 Automtve Serv Tech II* 7513 Automtve Serv Tech III 7522 Collsn Repair Tech II* 7522 Collsn Repair Tech II* 7523 Collsn Repair Tech III 7631 Electronics I 7921 Drafting I	7996 T & I Apprentshp Meth* 7997 T & I Co-Op Method 7999 T & I Adv Studs* 8011 Principles of Tech I 8110 Fundamentals of Tech 8126 Transportation Systems
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