

CURRICULUM STANDARD

Effective Term
Spring 2009
[2009*01]

Curriculum Program Title **Automotive Restoration Technology (Diploma)** Code **D60140**
Concentration **(not applicable)**

Curriculum Description

The Automotive Restoration Technology curriculum is designed to provide individuals with the competencies needed to work in the automotive restoration industry.

The course work includes research and application of information on specific components of a wide range of classic vehicles (1900 - 1970) such as internal combustion engines, transmissions, brakes, sheet metal, upholstery, starters, generators, and related systems.

Graduates of the curriculum should qualify for entry-level employment opportunities in the automotive restoration industry.

*Curriculum Requirements**

[for associate degree, diploma, and certificate programs in accordance with 23 NCAC 02E.0204 (3)]

- I. General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.
- II. Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- III. Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

**Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.*

Major Hours

[ref. 23 NCAC 02E.0204 (3)]

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** (*if applicable*). A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Automotive Restoration Technology (Diploma) D60140

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: ARS 101 Introduction to Automotive Restoration 2 SHC ARS 102 Automotive Restoration Research 3 SHC ARS 103 Automobile Upholstery 4 SHC ARS 104 Restoration Skills I 4 SHC ARS 108 Wood and Metal Restoration 3 SHC AUB 141 Mechanical and Electrical Components 3 SHC Required Subject Areas: Engines. Select one: ARS 107 Automotive Engines 2 SHC AUT 116 Engine Repair 2 SHC Welding. Select one: ARS 134 Automotive Restoration Welding 3 SHC AUB 134 Autobody MIG Welding 3 SHC WLD 212 Inert Gas Welding 2 SHC Drive Train. Select one: ARS 131 Chassis and Drive Train 3 SHC AUT 123 Powertrain Diagn & Serv 2 SHC Electrical Systems. Select one: ARS 161 Electrical Systems Fundamentals 4 SHC AUT 161 Electrical Systems 4 SHC		29-31 SHC	
B. CONCENTRATION (<i>Not applicable</i>)			

Automotive Restoration Technology A60140 (Continued)

<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ARS, AUB, AUT, BUS, CIS, COE, CSC, MEC, PHY, PSY, and WLD <i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i></p>			
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