

Proposed

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.

Aerostructure Manufacturing and Repair Technology A50***

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE <i>Courses required for the diploma are designated with *</i> *Required Courses: ASM 110 Aerostructure Shop Prac 3 SHC ASM 111 Aero Industry Standards 3 SHC ASM 112 Aero Assembly Methods I 2 SHC ASM 113 Aero Assembly Methods II 2 SHC Required Subject Areas: ASM 210 Computer-Aided 3D Appl 3 SHC ASM 212 Aerostructure Join Mthds 3 SHC * ISC 112 Industrial Safety 2 SHC MEC 128 CNC Machining Processes 4 SHC Structures. Select Composites or Metallic. Composites: ASM 114 Aerostructure Composites 3 SHC ASM 115 Composite Repair Proced 4 SHC ASM 116 Composite Material Test 3 SHC Metallic: ASM 215 Aero Sheet Metal Struct 5 SHC	27-32 SHC	12 SHC	
B. CONCENTRATION <i>(Not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> AER, ASM, AVI, BPR, CIS, CTS, COE, ISC, MAC, MEC, NDE, PHY, 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>			