

CURRICULUM STANDARD

Effective Term
Fall 2003
*[2003*03]*

Curriculum Program Title

Wood Products Technology

Code

A15440

Concentration

(not applicable)

Curriculum Description

The Wood Products Technology curriculum prepares students for entry into the lumber production or the primary wood processing industry. The manufacture and distribution of lumber involves building materials, veneer, ties, posts, chips, and other products.

Course work includes log harvesting, transport, grading, sawing into lumber, edging, trimming, rough grading, shipping or stacking, air seasoning and kiln drying, and planing as well as production management, lumber sales, and equipment maintenance at both wholesale and retail levels.

Graduates should qualify for employment opportunities with logging, saw milling, furniture, and paper industries at the mid-management or technical level.

*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.

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	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree. The course designated with an asterisk (*) below must be included in the diploma.</i> Required Courses: WPP 121 Wood Utilization 2 SHC WPP 125 Wood Identification 2 SHC * WPP 153 Log Grading 3 SHC WPP 165 Kiln Operations 2 SHC Required Subject Area: Lumber Grading. Select one of the following: WPP 130 Pine Lumber Grading 5 SHC WPP 160 Hardwood Lumber Grading I 13 SHC WPP 163 Introduction to Hardwood Grading 5 SHC Production Management. Select one of the following: WPP 210 Wood Production Analysis 4 SHC WPP 220 Forest Products Mktg 2 SHC WPP 221 Timber Procurement 2 SHC Sawmilling. Select one of the following: WPP 128 Planer Operations 3 SHC WPP 135 Introduction to Sawing 5 SHC WPP 230 Forest Equipment Ops 2 SHC Maintenance. Select one of the following: WPP 110 Saw Filing 4 SHC WPP 111 Carbide Tipping 3 SHC WPP 112 Fitting and Benching 4 SHC WPP 120 Feeds & Troubleshooting 3 SHC WPP 158 Circle Saw Filing 3 SHC	21-35 SHC	12 SHC	
B. CONCENTRATION (Not applicable)			

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<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i></p> <p>BUS, CIS, COE, CSC, FOR, HOR, ISC, OMT, PCW, PPT, and WPP</p> <p><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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