

A WORLD OF

Opportunity

for you in '72

THE OHIO STATE UNIVERSITY
Agricultural Technical Institute

WOOD SCIENCE

Population growth is increasing the demand for wood products throughout the United States and this demand is growing more rapidly than the population. Along with this growing demand is the concern for full resource utilization in order that our forests and lumber supplies are not depleted. Thus, the need is reflected for more wood science technicians who are interested in developing, analyzing and evaluating wood products.



WOOD SCIENCE

Grading

Preservation

Sawing

Milling

Laminating

Seasoning

Drying

Finishing

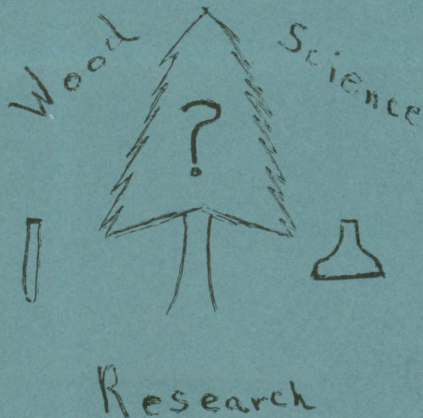
Handling

In order to perform his work, the wood science technician should have a working knowledge of the structure, properties and uses of wood and the processing of wood into reconstituted and manufactured products. The technician must also know the organizational and operational procedures of wood processing plants as well as the concepts of marketing wood and wood products.

CAREER OPPORTUNITIES

JOB

Career opportunities for technical workers in wood science are available in research, product development, management sales and service.



JOB TITLES

Technicians in this field of specialization include:

- Production Specialist
- Processing Supervisor
- Sales Technician
- Management Assistant
- Quality Control Technician

ACADEMIC PROGRAM

CURRICULUM—Reflecting the standards prescribed by the Ohio Board of Regents for the associate degree, the curriculum for the Wood Science Option includes the following major areas of course work and the approximate proportion of time allocated in total credit hours for each area:

- I. General Studies—Including oral and written communications, and humanistic social studies 25%
- II. Basic Studies—Subjects basic to the study of agriculture including physical and biological sciences and mathematics 25%
- III. Technical Studies—Including supporting technical studies and specialized technical studies 50%

COURSES AND AREAS OF STUDY—The curriculum in the Wood Science Option includes the following courses and areas of study:

General Studies

Communications	3 Courses
Social Sciences	4 Courses
Elective	1 Course

Basic Studies

Biological Science	1 Course
Mathematics	1 Course
Chemistry	2 Courses

Technical Studies

Supporting Technical Studies—Agricultural Business, Agricultural Mechanics and Physics.
Specialized Technical Studies—Wood Processes, Structure and Properties of Wood, Wood-products “Manufacturing” Systems, Marketing of Wood Products and Wood Products Management.

EARN-LEARN OCCUPATIONAL INTERNSHIP—A requirement in this curriculum is the completion of at least one quarter in an Earn/Learn Occupational Internship. Students are placed on jobs which require wood science skills. The length of the internship and the term during which it occurs will vary according to the program of the student. The internship is an integral part of the instructional program; the student pays fees, enrolls for credit, meets course requirements, receives grades, is supervised by the Institute personnel, and is paid a regular wage as an employee of the firm.

ADMISSION TO THE INSTITUTE AND ADDITIONAL INFORMATION—

Procedure—Admissions forms may be obtained from the Agricultural Technical Institute, Admissions Office, Wooster, Ohio 44691. Information regarding requests for transcripts of credit, medical examination report, interview appointments and fee payments will be mailed with these forms.

Applications for admission to the Agricultural Technical Institute must be submitted on or before: July 15 for Autumn quarter; November 1 for Winter quarter; February 1 for Spring quarter; May 1 for Summer quarter. All curriculums will have limited enrollments and each will be filled according to date application is received.

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WOOSTER, OHIO 44691 PHONE (216) 264-1021 EX. 295



THE COLLEGE OF AGRICULTURE AND HOME ECONOMICS · THE OHIO STATE UNIVERSITY