### Program Overview
Programming will include engineering, business, and forestry disciplines to develop skills and specialized knowledge required for the manufacturing, marketing, distribution, and end use of wood products. Learners will use innovative approaches for obtaining, manufacturing, using, and recycling wood products including building materials, furniture, paper, packaging, and other sustainable products in an environmentally safe manner. Related skills in teamwork, mathematics, critical thinking, communication, and Quality Principles/Lean Manufacturing will be embedded.

The Wood Processes Associate Degree program is conveniently offered at the Antigo campus. General Studies courses needed for this program are also offered at campus locations in Medford, Spencer, Phillips, Wausau and Wittenberg. Students can begin this program in the fall semester.

Many of NTC’s short-term certificates ladder into the College’s associate degree and technical diploma programs, creating a seamless transition for lifelong learning. Certificates that complement this program include the Basic Wood Manufacturing Certificate.

Northcentral Technical College believes in providing options for students to ladder from NTC to other colleges and universities offering advanced degrees. The College has developed transfer agreements with four-year private colleges and universities, as well as the University of Wisconsin System, to help NTC students earn a bachelor’s degree. To find out how credits earned at NTC may transfer, visit http://www.ntc.edu/transfer for a complete listing of transfer opportunities.

### Get Started Today
Get started today on a future of possibility. For more information on the Wood Processes Associate Degree, contact the NTC Admissions Office at admissions@ntc.edu or 715.875.3331.

### Curriculum

#### FIRST SEMESTER
- 10-421-121 2D MACHINE TOOL CAD** 1 credit
- 10-465-100 WOOD SCIENCE AND TECHNOLOGY** 4 credits
- 10-465-103 BLUEPRINT READING** 2 credits
- 10-465-106 INDUSTRY ORIENTATION AND SAFETY** 1 credit
- 10-465-115 WOOD MANUFACTURING PROCESSES** 2 credits
- 10-465-116 HARDWOOD GRADING AND MERCHANDISING** 3 credits
- 10-804-118 INTERMEDIATE ALGEBRA W/ APPS** 4 credits

** Total 17 credits

#### SECOND SEMESTER
- 10-465-107 CAD/CAM MACHINE PROGRAMMING** 2 credits
- 10-465-108 PRODUCTION METHODS 1** 5 credits
- 10-465-109 PRODUCTION METHODS 2** 3 credits
- 10-465-110 PRODUCTION METHODS 3** 3 credits
- 10-465-119 FUNDAMENTALS OF FURNITURE MANUFACTURING** 2 credits
- 10-804-196 TRIGONOMETRY W/ APPS** 3 credits

** Total 18 credits

#### THIRD SEMESTER
- 10-465-112 PRODUCTION METHODS 4** 3 credits
- 10-465-113 WOOD DRYING AND PRESERVATION** 4 credits
- 10-465-117 WOOD INDUSTRY GLOBAL MARKETS** 2 credits
- 10-623-147 INTRODUCTION TO LEAN MANUFACTURING** 2 credits
- 10-801-195 WRITTEN COMMUNICATION** 3 credits
- 10-806-143 COLLEGE PHYSICS 1** 3 credits

** Total 17 credits

#### FOURTH SEMESTER
- 10-465-102 BIO-BASED COMPOSITES** 2 credits
- 10-465-104 DESIGN INNOVATION IN WOOD** 3 credits
- 10-465-114 WOOD INDUSTRY MANAGEMENT** 2 credits
- 10-801-196 ORAL/INTERPERSONAL COMM** 3 credits
- 10-809-196 INTRO TO SOCIOLOGY** 3 credits
- 10-809-198 INTRO TO PSYCHOLOGY** 3 credits

** Total 16 credits

Total Credits Required for Graduation 68 credits

** Requires prerequisite or corequisite course(s), or specific condition. Refer to Course Descriptions for list of courses or specific condition required.

^^ Learner must have at least a 2.0 GPA (C) or better in this course to graduate.