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Directory of Training Programs for the Woodworking Industry

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Foreword

The *Directory of Training Programs for the Woodworking Industry* contains information about facilities that teaches hands-on woodworking training. The information was compiled by the U.S. Department of Agriculture, Forest Service's Advanced Hardwood Processing and Technical Resource Center, Princeton, West Virginia. A large number of resources have been searched, but there is no guarantee that this is a complete listing of all training facilities. This directory was developed from an on-line, computerized database maintained by the Technical Resource Center.

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Introduction

Many surveys have been conducted in the past few years to determine major problems that face the woodworking industry now and in the future. Invariably, the need for better woodworker training is among the major concerns of the industry. Woodworking executives are increasingly aware that education and training of their workforce is of critical importance if they are to take advantage of technologically advanced machinery and manufacturing processes.

This directory consists of a comprehensive index of schools, colleges, suppliers, and trade associations that offer woodworking education in the United States and Canada. Attention is on worker training and available sources of such training as resources for industry use in raising the skill level of today's employees.

The directory is organized into two parts: a comprehensive, alphabetized list of the institutions that includes the state location, and descriptive entries alphabetized by state, then by Canadian resources. These entries show the address, contact person, and type of courses offered. Computer-aided manufacturing courses and practical hands-on training are provided when available. "CAD/CAM" refers to specific instruction in using computer-aided design and computer-aided manufacturing software; "CNC" pertains to operating and programming computer-controlled woodworking machinery. The symbol "Y" stands for the word "Yes" and "N" for "No." The word "Conventional" means standard operating machinery. "Woodcraft" denotes handcraft in wood medium and the word "On-site" shows location.

List of Schools

<i>School</i>	<i>State or Province</i>
Adventure in Woods	KY
Alpine School of Woodcarving, Ltd.	IL
American Plywood Association	WA
Anderson Ranch Arts Center	CO
Appalachian State University	NC
Arrowmount School of Arts and Crafts	TN
Augusta Heritage Center	WV
Berea College	KY
Berkshire Workshops-Hutchinson Woodworking	MA
British Columbia Institute of Technology	BC
Brookfield Craft Center	CT
Bucks County Community College	PA
C.M.S. North American, Inc.	MI
Cabinet Manufacturing Workshops & Exposition	NJ
California State University, Chico	CA
Canterbury Shaker Village	NH
Catawba Valley Community College	NC
Central State University	OK
Centre County Vo-Tech Hardwood Initiative	PA
Cerritos College	CA
College of the Redwoods-Mendocino Coast	CA
Conestoga College-Doon Campus	ON
Cook Forest Sawmill Center for the Arts	PA
Conover Workshop	OH
Country Workshops	NC
CPM Technologies, Ltd.	IL
Crafts Center, Cedar Lakes	WV
Dabney S. Lancaster Community	VA
Dakota County Technical Institute	MN
DesJardins Woodworking Consultants	CA
Diehl Machines/Graycon Tools	IN
East Carolina University	NC
East Tennessee State University	TN
Eastern Kentucky University	KY
Eastfield Village	NY
Fox Valley Technical College	WI
Georgian College of Applied Arts and Technology	ON
Geosurf, Inc.	PA
Grand Rapids Junior College	MI
Guilford Technical Community College	NC
Hafele America	NC
Haystack Mountain School of Crafts	ME
Haywood Community College	NC
Heartwood Owner-Builder School	MA
Hennepin Technical College	MN
Hettich America	NC
Holz-Her U.S.	NC
Horizons, The New England Craft Program	MA
Ian Kirby Woodworking Seminar	VA
Inacomp Computer Centers	NC
Indiana University-Purdue University at Indianapolis	IN
John C. Campbell Folk School	NC
Johnson Technical Institute	PA
Kendall College	MI
Kent Skills Center	MI
Kunkel Brothers, Inc.	NJ
LaGrange Vocational Center	IN
Laney College	CA
Long Beach City College	CA

Los Angeles Trade-Technical College	CA
Madison Area Technical College	WI
Mercer County Vocational Technical Center	WV
Michael Weining, Inc.	NC
Middle Tennessee State University	TN
Mississippi State University	MS
Morehead State University	KY
Murray State University	KY
Museum Village	NY
National Kitchen and Bath Association	NJ
New Mexico Highlands University	NM
North Bennet Street School	MA
North Carolina State University (Wood & Paper Science)	NC
North Carolina State University (College of Engineering)	NC
Northeast Wisconsin Technical College	WI
Northern Alberta Institute of Technology	AB
Northern Lights College	BC
Northwest School of Wooden Boatbuilding	WA
Ohio Northern University	OH
Oregon School of Arts	OR
Oregon State University	OR
Palomar College	CA
Palos Verdes High School	CA
Penland School of Crafts	NC
Peru State College	NE
Peters Valley Craftsman, Inc.	NJ
Piedmont Technical College	SC
Pittsburg State University	KS
Purdue University	IN
Red Deer College	AB
Rochester Institute of Technology	NY
Rockingham Community College	NC
Rowan-Cabarrus Community College	NC
Sabine Valley Vocational-Technical School	LA
St. Phillips College	TX
San Francisco State University	CA
Southeastern Oklahoma State University	OK
St. Clair College of Applied Arts and Technology	ON
Stiles Education Center	MI
S.U.N.Y. Morrisville Agriculture & Technology College	NY
Tennessee Technological University	TN
The Antique Boat Museum	NY
The Fletcher Farm School for the Arts and Crafts	VT
The University of Tennessee	TN
Thousand Islands Craft School and Textile Museum	NY
Triangle Technology	PA
University of Hawaii at Hilo	HI
University of Maryland	MD
University of Minnesota, Duluth	MN
University of North Texas	TX
University of Southern Maine	ME
University of Rio Grande	OH
Virginia Polytechnic Institute/State University	VA
Walla Walla College	WA
Warwick Country Workshops	NY
Western Carolina University	NC
Western Kentucky University	KY
Western Michigan University	MI
Western Montana College of University of Montana	MT
Wood Machining Institute	CA
Woodenboat School	ME
Yestermorrow	VT

Schools and Courses in the United States

California

California State University, Chico

College of Engineering
Computer Science
Department of Industrial Technology
Chico, CA 95929

Contact: George P. Waldheim
Telephone: (916) 895-5357
Course: Industrial Technology Management
Degree available: Bachelor of Arts
Industrial Technology

Type of Training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Four-year industrial technology management program in metal, wood machining, and construction. Graduates qualify for entry level industrial manager and industrial education positions.

Cerritos College

School of Woodworking
11110 E. Alondra Blvd.
Norwalk, CA 90650

Contact: Bill Ketelle
Telephone: (213) 860-2451
Course: Furniture Mfg. Technology
Degree available: Certificate/2-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Boring machinery, saws, edgebanders, and door equipment. In addition, computers are used with 3-D drawing software for designing kitchen cabinets.

College of the Redwoods-Mendocino Coast

Construction Technology Department
440 Alger Street
Fort Bragg, CA 95437

Contact: Bill Henry
Telephone: (707) 964-7056
Course: Fine Woodworking/Furniture Programs
Degree available: 9-month Certificate

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Basic wood carving, tools and techniques, fine woodworking projects. Program is designed for students who desire the opportunity to express themselves through the craft of woodworking. Special studies in cabinetmaking and machine woodworking.

DesJardins Woodworking Consultants

Retraining Program for the State of California
Whittier, CA 90605

Contact: Kenneth DesJardins
Course: Woodworking
Degree available: Certificate

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Equipment includes Altendorf F-43 panel saw, Brandt D-3000 edgebander, Morbedelli 351 boring machine, Comil S940 case clamps. Training center currently has 60 union journeymen, jointers, and apprentice carpenters attending 4- and 8-hour classes.

Laney College

Laney College/Wood Technology
900 Fallon Street
Oakland, CA 94607

Contact: Director
Telephone: (415) 464-3446
Course: Wood Technology
Degree available: Associate/Certificate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:
Specializes in 32-mm style cabinet cases. Utilize a computer for detailing kitchens and optimizing panel cuttings. Wood technology program includes shop-based woodworking trades and student preparation for career-furniture trades.

Los Angeles Trade-Technical College

Manufacturing Technology
400 West Washington Blvd.
Los Angeles, CA 90015-4181

Contact: Dr. Donald G. Phelps
Telephone: (213) 744-9058
Course: Cabinetmaking, Millwork, and Carpentry
Degree available: Associate of Arts/Certificate

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:
Hands-on experience in programming NC and CNC machines. Classroom and laboratory facilities with 14 modern buildings.

Long Beach City College

Cabinet Making (Woodworking)
4901 East Carson Street
Long Beach, CA 90808

Contact: Brad Roa
Telephone: (213) 599-8064
Course: Adv. Millwork/Cabinet Making
Degree available: Associate/Certificate/Diploma

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:
Equipment includes CNC boring machines. Instructs students in European construction techniques.

Palomar College

Cabinet and Furniture Technology Program
1140 West Mission Road
San Marcos, CA 92069-1487

Contact: Steve Kirby
Telephone: (619) 744-1150
Course: Machine Tool/Furniture
Degree available: Associate of Arts/Certificate

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:
Entry-level through advanced classes. Three different AA degree-major certificates offered.

Palos Verdes High School

600 Cloydon Road
Palos Verdes Estates, CA 90274

Contact: Walter Donahue
Telephone: (213) 378-8471
Course: Cabinetmaking/Manufacturing
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Classes include cabinetmaking, furniture, construction, and robotics/automated manufacturing. The machinery includes five robots, one CNC mill and lathe, ten CAD work stations; a complete woodworking facility.

Wood Machining Institute

P.O. Box 476
Berkeley, CA 94701

Contact: Dr. Ryszard Szymani
Telephone: (415) 644-8363
Course: In-house Workshops
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: N

Comments:

An independent international center organized to collect, evaluate, and disseminate information on machining of wood and reconstituted wood products. Offers technical inquiry, research, consulting, international study tours, newsletter, in-house workshops, and seminars.

San Francisco State University

School of Creative Arts
Department of Design
1600 Holloway Avenue
San Francisco, CA 94132

Contact: Robert Treanor
Telephone: (415) 338-2211
Course: Wood Technology
Degree available: 4-yr

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Program is for product designers, industrial technologists, and technology teachers.

Colorado

Anderson Ranch Arts Center

5263 Owl Creek Road
P.O. Box 5598
Snowmass Village, CO 81615

Contact: Director
Telephone: (303) 923-3161
Course: Furniture Design/Woodworking
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Center offers a series of woodworking and furniture design workshops.

Connecticut

Brookfield Craft Center

P.O. Box 122
Brookfield, CT 06804

Contact: Director
Telephone: (203) 775-4526
Course: Woodcraft/Woodworking
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Center has a wide range of workshops. Training in power tools/boat building/woodworking.

Illinois

Alpine School of Woodcarving, Ltd.

225 Vine Ave.
Park Ridge, IL 60068

Contact: Wayne Barton
Telephone: (708) 692-2822
Course: Chip Carving
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: Y
On-site: Y

Comments:

Provides students with a complete understanding and knowledge of chip carving.

Hawaii

University of Hawaii at Hilo

Hawaii Community College
Hilo, HI 96720-4091

Contact: Division Chairman
Telephone: (808) 933-3496
Course: Carpentry
Degree available: 2-yr Associate

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Students are taught the care, use, operation; and maintenance of hand and power tools, basic materials, and hardware and fastening materials. Also, cabinetmaking and millwork, concrete form construction, rough framing, and interior and exterior finishing. The construction of a model home is completed yearly. Course extends two semesters.

CPM Technologies, Ltd.

Company Training Programs
1813 Fabyan Parkway
West Chicago, IL 60185

Contact: Director
Telephone: (708) 208-1300
FAX: (708) 208-1074
Course: Fanuc 15MA Controller/Shoda CNC Router
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: N
Woodcraft: N
On-site: Y

Comments:

One-week control training on Fanuc 15MA. Autocad training is a 2-day course. Classes held year round at facility. Types of training available include: control, maintenance, CAD, CAM, and CIM.

Indiana

Diehl Machines/Graycon Tools

Training Facility
P.O. Box 465
Wabash, IN 46992

Contact: Chris Martin/Bill Gohmann
Telephone: (219) 563-2102, (800) 228-9115
FAX: (219) 563-0206
Course: Training Seminars
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Straightline rip saw maintenance and troubleshooting seminar. Hands-on experience by working with rip saw adjustments, maintenance, part replacement, and lubrication. Moulder operation seminars follow the same general schedule.

Indiana University-Purdue University at Indianapolis

Herron School of Art
1701 North Pennsylvania St.
Indianapolis, IN 46202

Contact: Phil Tennant
Telephone: (317) 923-3651
Course: Woodworking Design
Degree available: 4-yr

Type of training: Theoretical
CAD/CAM: N
CNC: Y
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Career education, excellent equipment, creative design, and solid craftsmanship are stressed.

LaGrange Vocational Center

428 Whitcomb Avenue
Clarksville, IN 47130

Contact: Robert C. Davis
Telephone: (812) 283-9435
Course: Interior Finishing
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: N

Purdue University

Forestry and Natural Resources
Forestry Building
West Lafayette, IN 47907

Contact: Dr. Daniel Cassens
Telephone: (317) 494-3644
FAX: (317) 494-3643
Course: Forest Products
Degree available: Certificate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Educational short courses and seminars on lumber grading, furniture, cabinet, and panel processing, and computer-aided design of furniture. Standard testing machines, standard wood-turning equipment, and dry kiln.

Kansas

Pittsburg State University

Technology Studies
Pittsburg, KS 66762

Contact: C. Dale Lemons
Telephone: (316) 235-4371
FAX: (316) 231-4231
Course: Wood Technology
Degree available: Bachelor of Science; Master of Science

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

BS in wood technology, 4-yr; MS and EdS work available. Emphasis is on cabinets, casework, furniture, millwork, panel processing, and state-of-the-art (CNC router, moulder, and belt sanders) to traditional equipment. Large and comprehensive wood technology program. Consulting and seminars also provided.

Kentucky

Adventure in Woods

415 Center Street
Berea, KY 40403

Contact: Jim Hale
Telephone: (606) 986-8083
Course: Jointery and Turning
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

The school offers two workshops in jointery and turning. Includes training in the use of table saws, jointers, bandsaws, portable routers, sanders, drills, and jigs.

Berea College

Industrial Arts Department
Berea, KY 40404

Contact: James R. Hall
Telephone: (606) 986-9341
Course: Wood Technology, Fabrication, and Crafts
Degree available: 4-yr

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Have conventional routers, planers, and sanders.

Eastern Kentucky University

Industrial Education and Technology
307 Fitzpatrick Building
Richmond, KY 40475-0943

Contact: Albert Spencer
Telephone: (606) 622-3232
FAX: (606) 622-1020
Course: Wood Product Manufacturing
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Offers 18-semester-hour specialization in wood products manufacturing with a bachelor's degree in industrial technology. Courses in CAD/CAM. Automated manufacturing also offered. Over 10,000 sq. ft. facility for wood products training.

Morehead State University

Wood Technology
P.O. Box 721
Morehead, KY 40351

Contact: Robert Bauer
Telephone: (606) 783-2627
Course: Technology Transfer to the Wood Industry
Degree available: None

Type of training: Technology Transfer
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: N

Comments:

The purpose of Morehead State University's wood technology program is to support economic growth and development through technology transfer programs to Kentucky's wood industry. The assistance improves productivity and adds value to wood products produced in Kentucky.

Murray State University

Industrial Education and Technology
Murray, KY 42071

Contact: Bert A. Siebold
Telephone: (502) 762-3392
Course: Wood Technology/Woodworking/Cabinetry
Degree available: 4-yr

Type of training: Hands-on
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

A new facility is under construction. They have a CNC router, conventional planers, and wide-belt sanders.

Western Kentucky University

Industrial and Engineering Technology
Bowling Green, KY 42101

Contact: Frank M. Pittman
Telephone: (502) 745-3251
Course: Wood Technology, Furniture Construction, and Design-CAD
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Conventional router, tenoners, and planers. Use a CAD system for design. Courses include practical woodworking, furniture construction, wood technology, and design.

Louisiana

Sabine Valley Vocational-Technical School

Band & Circular Saw-Filing Program
P.O. Box 700
Many, LA 71449

Contact: John Tippy
Telephone: (318) 256-3027
Course: Automatic Saw Filing
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Teaches automatic swagging and shaping in filing program. Incorporates an Autopoint automatic swag and shaper machine. Special one-day seminars.

Maine

Haystack Mountain School of Crafts

P.O. Box 518
Deer Isle, ME 04627

Contact: Director
Telephone: (207) 348-2306
Course: Design/Blacksmithing/Sculptor/Woodcraft
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers one-to-three-week courses. Stresses environmental understanding of wood and its relationship to furniture. Courses cover decorative design, boxmaking, basketmaking, blacksmithing, sculptor, and furniture courses.

University of Southern Maine

School of Applied Science
Department of Technology
Gorham, ME 04038

Contact: Anderson/Carter
Course: Material Processes-Wood
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Two options: for the individual without previous training, shop and laboratory experiences are offered; for those with experience; technical laboratories, field experience, industrial visitations, and cooperative programs are offered. University has forming machines, assembly, handtooling, finishing, special machine operation, and planning concepts.

Woodenboat School

P.O. Box 78, Naskeag Road
Brooklin, ME 04616

Contact: Director
Course: Woodworking/Boatbuilding
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Offers courses in boatbuilding and seamanship. Courses cover woodworking basics, advanced joinery, woodenboat repair, marine carving, and building half models.

Maryland

University of Maryland

Industrial and Occupational Technology
3216 J.M. Patterson Building
College Park, MD 20742-2211

Contact: Dr. Beatty
Telephone: (301) 454-4264
Course: Fundamentals of Woodworking, Machine, and Wood Technology.
Degree available: 4-yr

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Courses are part of a 4-year degree in the industrial arts education department; also offers a 4-year degree in industrial technology, preparing middle managers for industry.

Massachusetts***Berkshire Workshops-Hutchinson Woodworking***

P.O. Box 928
Sheffield, MA 01257

Contact: Director
Telephone: (413) 229-3280
Course: Shaker Oval Box and Drop-Leaf Table/Windsor Chair.
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers traditional mortise, tenon, dovetail, and rule joints cut by hand and machine.

Horizons, The New England Craft Program

374 Old Montague Road
Amherst, MA 01002

Contact: Director
Telephone: (413) 549-4841
Course: Painted Surfaces/Sculpture/Forging/Design
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Courses include woodworking, carpentry, joinery, design, and basic construction of household furniture.

Heartwood Owner-Builder School

Johnson Hill Road
Washington, MA 01235

Contact: Director
Telephone: (413) 623-6677
Course: Finish Carpentry, Housebuilding, Contracting, and Framing
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Offers 1-week courses.

North Bennet Street School

39 N. Bennet Street
Boston, MA 02113

Contact: Director
Telephone: (617) 227-0155
Course: Violin Making-Woodworking
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Instructions in violin making and repair, woodworking, and furniture making.

Michigan

C.M.S. North American, Inc.

Training School
4515 Broadmoor Avenue, SE
Grand Rapids, MI 49512

Contact: Scott Sisson
Telephone: (616) 698-0171
FAX: (616) 698-9263
Course: Programming for Wood
Degree available: Certificate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Company training program that includes CAD/CAM and CNC programming for wood and composites.

Kendall College

College of Art and Design
111 Division Avenue, North
Grand Rapids, MI 49503

Contact: Shirle Stover
Telephone: (616) 451-2878
Course: Art and Design
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Design courses in advertising/graphics, broadcast/video, illustration, furniture, interior/industrial design. Has office of career planning and placement—possible co-op or internship positions for senior students.

Grand Rapids Junior College

Occupational Training Center
3310 Eagle Park Drive, NE
Grand Rapids, MI 49505

Contact: George Waite
Telephone: (616) 456-4274
Course: Furniture Finishing Programs
Degree available: Certificate

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Provides a variety of training programs designed for the wood furniture industry. Training on actual work site (nine locations) or at the junior college in conjunction with the western Michigan wood furniture industry. Students learn jointing, surfacing, routing, boring, and cutting skills.

Kent Skills Center

Kent County Intermediate School District
Grand Rapids, MI 49501

Contact: Martin Kroepsch
Course: Furniture Center
Degree available: Certificate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-Site: Y

Comments:

Teaches young adults vocational skills in the fine art of woodworking on CNC machinery, while learning about CNC technology.

Stiles Education Center

3965 44th Street, SE
Grand Rapids, MI 49512

Contact: L. Duane Griffiths
Telephone: (616) 698-7500
Course: 2-day seminars continually throughout the year.
Degree available: Certificate

Type of training: Hands-on
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

The center is designed to assist the industry in educating engineers, supervisors, machine operators, and maintenance technicians. Factory-trained technicians provide one-on-one training.

Minnesota

Dakota County Technical Institute

Trade and Industrial Division
1300 145th Street, East
Rosemount, MN 55068

Contact: Jerry Terhark
Telephone: (800) 548-5502
Course: Wood Finishing
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Specializes in wood restoration.

Western Michigan University

Engineering Technology
Kalamazoo, MI 49008-5064

Contact: Dr. Harley Behm
Telephone: (616) 387-6515
Course: Wood Products Manufacturing
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Courses include basic wood properties and structures, wood drying, and dimensional stability, furniture construction, and 32mm cabinet construction. Equipment includes moulders, finish machines, tenoners, and veneering machines.

Hennepin Technical College

9000 Brooklyn Blvd.
Brooklyn Park, MN 55445

Contact: Admissions Office
Telephone: (612) 425-3800
Course: Woodworking Machine Operation
Degree available: Certification/Degree

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Programs offered: cabinetmaking, numerical control, carpentry, computer careers, machine shop, machine trades, automated machinery systems/packaging, and laser/electro-optics technology.

University of Minnesota, Duluth

Industrial and Technology Studies
121 Voss-Kovach Hall
Duluth, MN 55812

Contact: Harry Watts
Course: Woodprocessing I & II
Degree available: 4-yr BA/BS

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Classes are offered in engineering technology and industrial education. Wood processing equipment consists of saws, jointers, sanders, planers, and hand tools.

Montana

Western Montana College of University of Montana

701 South Atlantic Street
Dillon, MT 59715

Contact: Scott Davis
Telephone: (406) 683-7011
Course: Beginning Woods, Advanced Woods,
Woodturning, and Construction
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Western Montana College is a teacher-education institute. Machinery includes: 1 CNC lathe, 1 CAD/CAM.

Mississippi

Mississippi State University

School of Forest Resources
P.O. Drawer FP
Mississippi State, MS 39762

Contact: Department of Forest Products
Telephone: (800) 222-1810
Course: Forest Product/Furniture
Industrial/Wood Science
Degree available: 4-yr/MS/PhD

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Career opportunities include manufacturing, marketing, technical service, and research. Processing courses include drying, furniture manufacturing, gluing, machining, preservation, and chemical modification.

Nebraska

Peru State College

Science and Technology
Peru, NE 68421

Contact: Ross Udey
Telephone: (402) 872-3815
FAX: (402) 872-2240
Course: Construction Materials
Degree available: 4-yr

Type of training: Hands-on
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

New Hampshire

Canterbury Shaker Village

288 Shaker Road
Canterbury, NY 03224

Contact: Director
Telephone: (603) 783-9511
Course: Shaker-inspired Woodcraft
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Courses in shaker-style end tables, boxmaking, rush chair-seating, and hand dovetailing.

Kunkel Brothers, Inc.

School of Professional Woodworking
24 B. Bartley Road
Flanders, NJ 07836

Contact: Marc A. Kunkel
Telephone: (201) 927-8853
Course: Power Tool/Hand Tool/Woodcarving
Degree available: Certification

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Evening classes and some Saturday classes available.
Other advanced courses also available.

New Jersey

Cabinet Manufacturing Workshops & Exposition

Supplier-run Program
Two University Plaza, Suite 11
Hackensack, NJ 07601

Contact: Alan Richman
Course: 2-day demonstration
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Focus on method-oriented, hands-on demonstrations for small-to-medium-sized cabinet shops. Sessions cover such topics as chip-free panel cutting, solid-surface fabrication, installation of frameless cabinets, and decorative edge-treatment.

National Kitchen and Bath Association

School for Today's Cabinet Shop
687 Willow Grove Street
Hackettstown, NJ 07840

Contact: Russell Plater
Telephone: (201) 852-0033
FAX: (201) 852-1695
Course: Kitchen/Bath Design and Cabinet Construction
Degree available: Certificate

Type of training: Hands-on
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Three-day seminar compares the 32mm system of cabinet construction with traditional face-frame cabinet manufacturing. School is held 12 times a year in 12 different locations. Hands-on/video instruction. Classes include: kitchen specialist; beyond the basic kitchen/bath; kitchen-designer correspondence course; bath-designer school; and beyond basic drawing.

New York

Eastfield Village Woodworking School

Box 143 RD
East Nassau, NY 12062

in Woodcraft/

Contact: Director
Telephone: (518) 766-2422
Course: Blacksmithing, Carpentry, Dating of Structures,
and Framing
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

orking, machining,
, and design.

Comments:

School has courses in blacksmithing, moulding, carpentry,
dating historic structures, and timber frame restoration.

Museum Village

Summer Programs in Crafts
Museum Village Road
Monroe, NY 10950

Contact: Director
Telephone: (914) 782-8247
Course: Woodworking/Restoration
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers courses in rustic furniture-making and
blacksmithing.

acher training. Also
ergy, industrial
revention, and

Rochester Institute of Technology

School for American Craftsmen
P.O. Box 9887
James Booth Memorial Bldg.
Rochester, NY 14623-0887

Contact: Bill Keyser
Telephone: (716) 475-2636
Course: Woodworking & Furniture Design
Degree available: 1-yr & 2-yr

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Furniture design and construction is taught. Students design and build furniture. Drawing, planning, sound construction, and meeting realistic deadlines are emphasized. A complete inventory of woodworking machinery is maintained. Degrees: 2-yr AOS, AAS; 4-yr BFA. Graduate degrees: 1-yr MST, and 2-yr MFA

S.U.N.Y. Morrisville Agriculture and Technical College

Agriculture and Natural Resources
Morrisville, NY 13408

Contact: Wayne Hausknecht
Telephone: (315) 684-6272
Course: Wood Products Technology
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Teaches sawmill and furniture technology. Machinery includes sawmill, two dry-kilns, hot press, finishing facility, adhesives laboratory, stroke-sander, three drum-sanders, pillow sander, lathe, two moulders, spindle router, shaper, two straight-line rip saws, 36-inch facer, 32-inch cabinet planer, as well as other furniture equipment.

The Antique Boat Museum

Boatbuilding School
1000 Islands / 750 Mary Street
Clayton, NY 13624

Contact: Director
Telephone: (315) 686-4104
Course: Refinishing, Wood Bending, and Ship Building
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School specializes in boatbuilding, lapstrake planking, flat-bottom boat construction, and traditional wood joinery.

Thousand Islands Craft School and Textile Museum

314 John Street
Clayton, NY 13624

Contact: Director
Telephone: (315) 686-4123
Course: Carving, Furniture-Making
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School teaches carving and rustic furniture making.

Warwick Country Workshops

Warwick Workshop
One E. Ridge Road
Warwick, NY 10974

Contact: Director
Telephone: (914) 986-6636
Course: Carving, Planecraft, and Steambending
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Workshops stress traditional woodworking methods and techniques.

Catawba Valley Community College

Furniture Technology
Rt 3 Box 283
Hickory, NC 28602

Contact: Ken Eckard
Telephone: (704) 327-9124
FAX: (704) 327-9124
Course: Furniture Design and Production Management
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Complete manufacturing-training facility, including dry kiln, machining, assembly, finishing for case goods and upholstery/PC fabric layout.

North Carolina

Appalachian State University

Industrial Education and Technology
Boone, NC 28608

Contact: Bill Hanner
Telephone: (704) 262-3111
Course: Industrial Education
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Program stresses industrial education and furniture technology to prepare students for managerial positions. Courses include CNC/robotic control and CAD/CAM. Machinery includes three CNC training units, two lathes, and one turning mill.

Country Workshops

90 Mill Creek Road
Marshall, NC 28753

Contact: Drew Langsner
Telephone: (704) 656-2280
Course: Advanced Ladderbacks, Jointery,
Toolmaking, and Travel
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School teaches advanced chairmaking, jointery, and toolmaking. Includes woodworking industry tours.

East Carolina University

Industrial Technology/Manufacturing
Flanagan 103
Greenville, NC 27858-4353

Contact: Director
Telephone: (919) 757-6705
Course: Industrial Technology Manufacturing/
Electronics
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Undergraduate studies in manufacturing, robotics, electronics technology, design and drafting, technical sales, service, and construction management.

Hafele America

Supplier-run Program
High Point, NC 27260

Contact: Philip Martin
Course: 2-day seminars in conjunction with distributors.
Degree available: None

Type of training: Theoretical
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Offers one-hour video and instruction book that specifically instructs shop owners and workers on utilization of the Hafele System. The training covers shop layout for maximum efficiency and cabinet assembly.

Guilford Technical Community College

Associate Degree Programs
P.O. Box 309
Jamestown, NC 27282

Contact: Charles Roach
Telephone: (919) 454-1126/2219
Course: Industrial Management
Degree available: Associate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Guilford has two locations: 501 W. Washington, Greensboro, NC and 901 South Main, High Point, NC. Has well-rounded educational program for all phases of wood training and machinery operation.

Haywood Community College

Production Crafts Woodworking
Freedlander Drive
Clyde, NC 28721

Contact: Jim Summers
Telephone: (704) 627-2821
Course: Fine Woodworking and Wood Design
Degree available: 2-yr

Type of training: Hands-on
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Production-crafts program teaches woodworking, design, and business skills necessary for operating a small woodworking business. State-of-the-art equipment, robotics, and other CNC equipment.

Hettich America

Supplier-run Programs
12428 Sam Neely Road
Charlotte, NC 28217

Contact: Director
Telephone: (704) 588-6666
FAX: (704) 588-6669
Course: 32mm Equipment/Hardware
Degree available: None

Type of training: Theoretical
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Offers two programs: 1½-day and 2-day. Instruction is generic to utilizing 32mm construction with any supplier's equipment. Program is especially designed for smaller shops. Programs are held every 3 to 4 months.

Holz-Her U.S.

9700 Southern Pine Blvd.
Charlotte, NC 28273

Contact: Joe Di Fruscia
Telephone: (704) 523-5250
FAX: (704) 523-6354
Course: Use of Edgebanders and Vertical
Panel Saws
Degree available: Certification

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Detailed technical training on use and maintenance of edgebanders and vertical panel saws. Courses last from 3-days to one week and are conducted several times each year. Certified participants also will be allowed to install and service Holz-Her equipment.

Inacomp Computer Centers

Westover Business Center
945 Third Ave., SE
Hickory, NC 28602

Contact: Mark C. Shiflet
Telephone: (704) 327-2330
FAX: (704) 327-0927
Course: Software Training
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Offers a variety of software training for both IBM and Apple Macintosh Computers, and provides two training options. The Center has five Macintosh Classic 4/40 machines, one MAC LC 4/40 with monitor, five NEC 386/16 40 MEG machines with monitors, four KEE systems, Apple Scanner, Apple CD, Hewlette Packard, Okidata printers.

John C. Campbell Folk School

R1 B14-A
Brasstown, NC 28902

Contact: Director
Telephone: (800) 562-2440
Course: Woodworking, Carving, Turning, and Chairmaking
Degree Available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School has an extensive selection of woodworking, carving, and turning courses.

Michael Weining, Inc.

Woodworking Management Training Program
P.O. Box 5536
Statesville, NC 28677

Contact: Lance T. Thrall
Telephone: (704) 872-9843
FAX: (704) 873-0155
Course: Grinder, Tooling Measurement, and Moulders
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Training programs run from 1 to 5 days, using standard four-sided machining, high speed and CNC applications, or both. The program may be modified to meet a customer's special needs.

Wood and Paper Science
Box 8005
Raleigh, NC 27695

Contact: Dr. Richard Thomas
Telephone: (919) 737-3181
FAX: (919) 737-7231
Course: Wood Science/Technology and Wood Production
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Offers an intensive one-week course that teaches both experienced and inexperienced woodworkers how to evaluate purchases, control industrial operations, implement new technology, and hone the basic managerial skills that enable success in a woodworking operation.

North Carolina State University

College of Engineering
Box 7905
Raleigh, NC 27695

Contact: William G. Morrissey
Telephone: (919) 737-3335
Course: Furniture Manufacturing and Management
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAN: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

A 4-year program at the college of engineering leading to BS degree in furniture manufacture and management. Combines industrial engineering, furniture manufacturing technology, and manufacturing management courses to prepare students for engineering, supervision, and production management.

Penland School of Crafts

Penland Road
Penland, NC 28765

Contact: Director
Telephone: (704) 765-2359
Course: Furniture Design, Wooden Rules, and Carving
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers a full range of woodworking and craft courses.

Rockingham Community College

Technical Programs
P.O. Box 38
Wentworth, NC 27375

Contact: Von Neal
Telephone: (919) 342-4261
Course: Fine and Creative Woodworking
Degree available: 2-yr

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Prepares individuals for designing and building quality furniture. Basic construction techniques plus knowledge of principles of operating a business. Prepares graduates for associate of applied science degree.

Western Carolina University

School of Technology and Applied Science
Cullowhee, NC 28723

Contact: Dr. Jerry Cook
Telephone: (704) 227-7368
Course: Industrial Technology
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

No CNC woodworking machinery, but have course work in CNC—metal working. The students are trained for managerial positions. Use of conventional woodworking equipment for furniture manufacture.

Rowan-Cabarrus Community College

Engineering Technologies
P.O. Box 1595
Salisbury, NC 28145

Contact: Larry M. Melton
Telephone: (704) 637-0760
Course: Carpentry & Woodwork
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Beginning through advanced woodworking, cabinet making, residential carpentry, with conventional equipment.

Ohio**Conover Workshop**

18125 Madison Road
Parkman, OH 44080

Contact: Director
Telephone: (216) 548-3491
Course: Woodturning, Jointery, Basketmaking, and Handtools
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers a series of weekend and one-week workshops.

Ohio Northern University

Industrial Technology School
Ada, Oh 45810

Contact: David H. Devier
Telephone: (419) 772-2170
FAX: (419) 772-1932
Course: Materials and Processes, Product Manufacture
Degree available: 4-yr Bachelor of Science or Bachelor of Arts

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Teaches industrial education and industrial technology management. Classes in CNC and CAD/CAM, as well as conventional woodworking. Machinery includes two CNC training units, plus a fully equipped conventional woodworking laboratory.

University of Rio Grande

Fine Woodworking Technology
Rio Grande, OH 45674

Contact: Lonny Bird
Telephone: (614) 245-5351
Course: Woodworking/Drafting
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Thirteen woodworking courses plus support training in math and drafting, leading to the skills to build custom furniture.

Oklahoma

University of Central Oklahoma

College of Education
100 North University Drive
Edmond, OK 73034

Contact: Dr. Emmet Osgood
Telephone: (405) 341-2980/5450
FAX: (405) 341-4964
Course: Furniture Technology
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Industrial and technology education taught with goal of becoming teachers and managers. Classes in CAD and drafting are offered.

Southeastern Oklahoma State University

Technology Department
Station A, P.O. Box 4044
Durant, OK 74701

Contact: Dr. Claude Stuteville
Telephone: (405) 924-0121
Course: Basic Woodworking, Machine Woodworking, Furniture, Cabinet Building, and Carpentry
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Equipment includes complete woodworking, draft metalworking, and automotive labs. Training for non-manager positions and teachers.

Oregon

Oregon School for Arts

School of Arts Department
8245 S.W. Barnes Road
Portland, OR 97225

Contact: Director
Telephone: (503) 297-5544
Course: Furniture Making, Furniture Finishing, and
Restoration
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School serves a diverse community in craft education.

Pennsylvania

Bucks County Community College

Fine Woodworking School
General Delivery
Newtown, PA 18940

Contact: John Alley
Course: Art/Fine Woodworking
Degree available: Associate

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

"Craft" oriented toward wood artists. Goal is to help students develop entry-level skills to obtain employment in woodworking disciplines. Two-yr associate degree, non-resident two-yr college. Lathes, table saws, band saws, drill presses, jointers, grinders, radical arm saws, and vertical panel saws.

Oregon State University

Lasells Stewart Center
Peavy Hall 202
Corvallis, OR 97331

Contact: Terence D. Brown
Course: Drying Lumber for Quality/Profit
Degree available: Certificate

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Provides basic understanding of wood and how to dry it. Steam-heated and dehumidification kilns available for training. This is a practical, hands-on training course.

Centre County Vo-Tech Hardwood Initiative

Hardwood Initiative Training Program
Harrison Road
Pleasant Gap, PA 16823

Contact: Dennis R. Hameister
Telephone: (814) 359-2793
Course: Wood Products Technology Training/Business
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

The initiative consists of two programs: wood-products technology and wood-products business, 192 hours of training. Program designed to upgrade skills, address industry needs for entry-level training in cabinet making, foster new businesses and jobs in the wood industries.

Cook Forest Sawmill Center for the Arts

P.O. Box 180
Cooksburg, PA 16217

Contact: Director
Telephone: (814) 927-6655
Course: Chip Carving, Clay Sculpture, and Woodcarving
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School has eight carving workshops.

Johnson Technical Institute

3427 North Main Avenue
Scranton, PA 18508

Contact: Terry G. Cooke
Telephone: (717) 342-6404
Course: Carpentry/Cabinet Making Technology
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Second training facility is located at Moshannon Valley Branch, 200 Shady Lane, Philipsburg, PA 16866. Both schools prepare technicians in rough/finish carpentry, cabinet-making, millwork, custom woodworking. Courses include layout, estimating materials, structural design, and leadership positions. CAD-system training included.

Geosurf, Inc.

Metrology Department
P.O. Box 108
West Warwick, PA 02893

Contact: Robert Ellingwood
Telephone: (401) 821-5650
Course: Laser Interferometer Training/Retraining
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

High-tech measuring equipment courses taught in 3 days. Specializes in laser interferometer training on location (student is trained to diagnose the performance of a machine tool). Has application to CNC woodworking machinery.

Triangle Technology

P.O. Box 551
Dubois, PA 15801

Contact: James R. Agras
Telephone: (814) 371-2090
Course: Carpentry
Degree available: Associate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Associate degree prepares student for future employment as a carpentry technician. School provides courses in computer-aided design and drafting. Courses include building from site layout, foundations, and form work. Emphasis has been placed on residential construction. No woodworking or cabinet-making courses.

South Carolina

Piedmont Technical College

Emerald Road, Drawer 1467
Greenwood, SC 29648

Contact: Dave Bell
Telephone: (803) 223-8357
Course: Building Construction Technology
Degree available: Associate

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Students get practical training in carpentry, cabinet making, masonry, wiring, and special finishes. Some theoretical training, but mostly a building construction technology course.

Tennessee

Arrowmont School of Arts and Crafts

P.O. Box 567, 556 Parkway
Gatlinburg, TN 37738

Contact: Director
Telephone: (615) 436-5860
Course: Woodturning
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: Y
On-site: Y

Comments:

School offers seven workshops.

East Tennessee State University

School of Applied Science and Technology
P.O. Box 19060A
Johnson City, TN 37614

Contact: Dr. Wayne Andrews
Telephone: (615) 929-4310
FAX: (615) 929-4004
Course: Industrial Education
Degree available: 4-yr Bachelor of Science

Type of training: Hands-on
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Degrees in industrial education and manufacturing engineering technology. Graduates are prepared to move into middle-management positions. Courses include woodworking technology, CAD, manufacturing technology, CNC, supervision, quality control, time and motion, plant layout, process control, robotics, and in the near future, CIM.

Middle Tennessee State University

Industrial Studies
Box 19 MTSU
Murfreesboro, TN 37132

Contact: R. H. Gould
Telephone: (615) 898-2776
FAX: (615) 898-5538
Course: Wood I & II, Furniture Restoration
Degree available: 4-yr Bachelor of Science

Type of training: Hands-on
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Teaches industrial education and industrial technology. Graduates become mid-managers. Classes in CNC/CAD/CAM/robotics and controls. Machinery: two CNC mills, one CNC lathe, two robots and eight CAD workstations.

Tennessee Technological University

Appalachian Center for Crafts
TTU Box 5106
Cookeville, TN 38505

Contact: Trent Whittington
Telephone: (615) 597-6801
Course: Woodworking
Degree available: Bachelor of Science/Certificate

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Wood studio (7000 sq ft). Equipment consists of horizontal-slot mortiser, planer, jointer, bandsaws, table saws, radial-arm saws, lathes, drill presses, sanders, hand-power tools, and spray booth. BFA of fine arts (wood), BS in wood (4-yr). Certificate programs of 1, 2 or 3 years.

The University of Tennessee

Forestry, Wildlife, and Fish
P.O. Box 1071
Knoxville, TN 37901

Contact: Dr. Paul M. Winstarfer
Telephone: (615) 974-7126
Course: Wood Utilization (Wood Science)
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Wood utilization includes the manufacture and use of wood composites and the drying of solid wood products. Laboratory work in wood drying and wood composites. Digital balances, research oven, power or hand woodworking equipment, dry kilns, hot presses.

Texas

St. Phillips College

Construction Technology
800 Quintana Technology
San Antonio, TX 78211

Contact: E.L. Foster, Jr.
Telephone: (512) 921-4622
Course: Cabinetmaking
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Graduates are trained in the residential construction field for positions such as contractors, construction supervisors, subdivision project managers, and associated support functions.

University of North Texas

Industrial Technology
P.O. Box 13198
Denton, TX 76203

Contact: Dr. John V. Richards
Telephone: (817) 565-2022
Course: Woodworking
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Currently has only one course in woodworking.

Vermont

The Fletcher Farm School for the Arts and Crafts

RR1, Box 1041-Department WN
Ludlow, VT 05149

Contact: Director
Telephone: (802) 247-3847
Course: Carving, Bird Carving, and Power Tool Carving
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Selection of various summer workshops.

Virginia

Dabney S. Lancaster Community College

Applied Science
Route 60 West
Clifton Forge, VA 24422

Contact: Director
Telephone: (703) 862-4246
Course: Forestry/Wood Products Technician
Degree available: 2-yr

Type of training: Theoretical
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Studies in forestry are strong points, but prepares individual as wood products technician in timber harvesting and sawmill operation. Prepares student for lumber grading and log scaling.

Yestermorrow

P.O. Box 344
Warren, VT 05674

Contact: Director
Telephone: (802) 496-5545
Course: Professional Design/Building, Cabinetry, and Woodworking
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers professional course for architectural students.

Ian Kirby Woodworking Seminar

Centre County Vocational and Technical Hardwood Initiative
Harrison Road
Pleasant, VA 16823

Contact: Ian Kirby or Dennis Hameister
Telephone: (814) 359-2793
Course: Ian Kirby Woodworking Seminar
Degree available:

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Two-week seminar is composed of four general areas: (1) basic skills, (2) veneering, (3) drawer making, (4) frame, panel, torsion box. Seminars provide a sound basis for woodworking skills and techniques.

Virginia Polytechnic Institute/State University

Wood Science and Forest Products
Brooks Forest Products Center
Blacksburg, VA 24061

Contact: Director
Telephone: (703) 231-5560
Course: Wood Products
Degree available: 4-yr and Certificate

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Educational short courses and seminars on sawmilling, lumber grading, drying, furniture manufacturing, gluing, machining. Extension and 4-year college programs.

Northwest School of Wooden Boatbuilding

251 Otto Street
Port Townsend, WA 98368

Contact: Director
Telephone: (206) 385-4948
Course: Spar-making, Smallboat Construction, and Blockmaking
Degree available: None

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

School offers three woodworking workshops.

Washington

American Plywood Association

P.O. Box 11700
Tacoma, WA 98411

Contact: Susan Cranston
Telephone: (206) 565-6600
FAX: (206) 565-7265
Course: Correspondence
Degree available: Certificate/CEU (Continuing Education Units)

Type of training: Theory
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: N
On-site: Y

Comments:

Correspondence courses provide various studies and seminars on the use APA-trademarked structure panels for construction and industrial applications.

Walla Walla College

Industrial Technology Department
204 South College Ave.
College Place, WA 99324

Contact: Don Visger
Telephone: (509) 527-2172
Course: Wood Products and Processes
Degree available: 4-yr

Type of training: Hands-on/Theory
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Teaches industrial education, construction, and cabinet manufacturing. offers a full range of woodworking equipment.

West Virginia

Augusta Heritage Center

Davis and Elkins College
Elkins, WV 26241-3996

Contact: Peter Gott
Telephone: (304) 636-1903
Course: Chip Carving, Basketry, and Log Construction
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: Y
On-site: Y

Comments:

From 1- to 5-week summer craft program covering the traditional arts. The center promotes the crafts, music, dance, and customs of Appalachia.

Mercer County Vocational Technical Center

Industrial Occupations
105 Old Bluefield Road
Princeton, WV 24740

Contact: Robert J. Bailey
Telephone: (304) 425-9551
Course: Carpentry
Degree available: 1- or 2-yr Program

Type of training: Hands-on
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Program provides instruction in construction and repair of structures made of wood products using conventional power tools. CAD instruction is offered in cooperation with Bluefield State College.

Crafts Center, Cedar Lakes

Cedar Lakes Conference Center
Ripley, WV 25271

Contact: Director
Telephone: (304) 372-7005
Course: Basic Cabinetry, Basketry, and Furniture Making
Degree available: None

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Primarily a craft-oriented center.

Wisconsin

Fox Valley Technical College

Wood Technics Trades and Industry Division
150 N. Campbell Road
P.O. Box 2217
Oshkosh, WI 54903-2217

Contact: Gerald Finch
Telephone: (414) 233-9191
Course: Seminars and Programs
Degree available: 1-yr Program

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Hands-on training seminars on moulder operation and profile-knife grinding.

Madison Area Technical College

Technology and Industrial Division
3550 Anderson Street
Madison, WI 53704-2599

Contact: Merl J. Maiers
Telephone: (608) 246-6100
Course: See Comments
Degree available: 1-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Prepares students for use of equipment and materials in wood techniques occupations. Machines include planers, shapers, jointers, routers, saws, and sanders. Courses include wood processing, machine maintenance, cabinet-making, and machine set-up, construction, laminating, and drawing.

Northeast Wisconsin Technical College

Trades and Industry Division
P.O. Box 19042
Green Bay, WI 54307-9042

Contact: Joe Myrick
Telephone: (414) 498-5556
Course: Industrial-specific Training
Degree available: 1-yr

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: N
Woodcraft: Y
On-site: Y

Comments:

Industry-specific training includes stair layout, window installation, rooftop layout, and cabinetmaking. Other short-term training is available on request. Machinery includes jointers, shapers, drum sanders, tenoners, planers, and panel saws.

Schools in Canada

Alberta

Northern Alberta Institute of Technology

Woodworking Program
11762 - 106 Street
Edmonton, AB T5G 2R1 Canada

Contact: Don Robinson
Telephone: (403) 471-8665
FAX: (403) 471-8583
Course: Millwork and Carpentry, Cabinet Makers
and Carpenters, Woodworking Service Courses for
architectural, civil engineering technology programs.
Degree available: Certificate

Type of training: Hands-on
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Machinery includes moulders, panel processing,
sanding, and edge banding

Red Deer College

Division of Technical Training
Box 5005
Red Deer, AB T4N 5H5 Canada

Contact: Sam Church
Telephone: (403) 342-3300
Course: Carpentry/Cabinetmaking
Degree available: Certificate

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Apprenticeship program in carpentry and cabinetmaking.
Standard wood working machines.

British Columbia

British Columbia Institute of Technology

Industrial Education
3700 Willingdon Avenue
Burnaby, BC V5G 3H2 Canada

Contact: Robert F. Merriam
Telephone: (604) 434-5734
Course: Wood Products Manufacturing
Degree available: 2-yr

Type of training: Hands-on/Theory
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Wood-products manufacturing for production of lumber and
plywood; carpentry program. Teaches the principles of
manufacturing and construction.

Northern Lights College

Dawson Creek Campus
11401 8th Street
Dawson Creek, BC V1G 6L1 Canada

Contact: Bryce Allen
Telephone: (604) 782-2487
FAX: (604) 782-5233
Course: Jointery
Degree available: Certificate

Type of training: Hands-on
CAD/CAM: Y
CNC: N
Conventional: Y
Woodcraft: N
On-site: Y

Comments:

Program is in entry level carpentry and jointery. Offers
apprenticeship training in carpentry. Six-week courses are
scheduled by the B.C. Ministry of Advanced Job Training.

Ontario

Conestoga College-Doon Campus

Woodworking Centre of Ontario
299 Doon Valley Drive
Kitchener, ON N2G 4M4 Canada

Contact: Grant Glennie
Telephone: (579) 653-2511
Course: Woodworking Skills Development
Degree available: 4-yr

Type of training: Hands-on
CAD/CAM: N
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

State-of-the-art equipment: moulders, finish machines, tenoning, veneering, panel processing, sanding, lumber drying, and other CNC equipment.

St. Clair College of Applied Arts and Technology

Architecture and Design
2000 Talbot Road West
Windsor, ON N9A 6S4 Canada

Contact: Jal Wadia
Telephone: (519) 966-1656
Course: Furniture Products Technician
Degree available: 2-yr

Type of training: Hands-on
CAD/CAM: Y
CNC: Y
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

One-year certificate available in basic woodworking skills.

Georgian College of Applied Arts and Technology

School of Engineering Technology
One Georgian Drive
Barrie, ON L4M 3X9 Canada

Contact: Michael Ludolph
Telephone: (705) 728-1951
Course: Wood Engineering Technology
Degree available: 1-yr Certificate

Type of training: Hands-on
CAD/CAM: N
CNC: N
Conventional: Y
Woodcraft: Y
On-site: Y

Comments:

Programs are designed to develop skills for local and provincial employment opportunities.