

**Basic Welding Technology 480508 WDT
Short-Term Certificate**

Available: Shoals Campus
 Advisors: W. Garner (5254) wgarner@nwsc.edu
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 L. Liles (8072) lliles@nwsc.edu

This short-term certificate is designed to prepare students for immediate employment. Students are provided with technical knowledge and job specific skills that enable them to compete favorably in the welding field.

Opportunities for welders exist in the business services industry, manufacturing, repair and production work, construction, machinery maintenance, wholesale trade and automobile vehicle industry.

Welders need good eyesight, good eye-hand coordination, and manual dexterity. They should be able to concentrate on detailed work for long periods of time and be able to bend, stoop, and work in awkward positions. Welders need to be adaptable to receive cross-training for other production jobs.

Entering students are required to complete ORT 100. Transfer students are exempt from this requirement.

	Semester		
	Theory	Lab	Hours
WDT 108 SMAW Fillet/OFC	3	0	3
WDT 109 SMAW Fillet/PAC/CAC	3	0	3
WDT 110 Industrial Blueprint Reading	3	0	3
WDT 119 Gas Metal Arc/Flux Cored Arc Welding Theory	3	0	3
WDT 122 SMAW Fillet/OFC Lab	0	3	3
WDT 123 SMAW Fillet/PAC/CAC Lab	0	3	3
WDT 124 Gas Metal Arc/Flux Cored Arc Welding Lab	0	3	3
WDT 218 Certification Theory	3	0	3

Total Semester Credit Hours 24

**Transfer Credit: Students may receive up to one semester of Advanced Placement for Career Technical coursework completed at another institution.

***A high school diploma or GED certificate is not required for admission to this program. Students must be at least 16 years old to enroll.

**Wood Products Technology 480799 WOD
Short-Term Certificate**

Available: Phil Campbell and Shoals Campuses
 Advisor: J. Glasgow (6371) jimmyglasgow@nwsc.edu
 B. Jackson (6389)

This short-term certificate is designed to prepare individuals in industry, high school or college for entry level to advance positions with in a company. By selecting one or more of the following options, the trainee will develop proficiency in specialized areas of the secondary woodworking industry. Those areas are: Production, Finishing, Set-Up Technician, Design Software and CNC Machining Software.

Admission to this program does not require a high school diploma or GED. Individual course may be taken not leading to a certificate if the individual desires.

Entering students are required to complete ORT 100. Transfer students are exempt from this requirement.

Production Option

The Production option will prepare students for entry level production employment in the secondary wood manufacturing industry.

	Semester		
	Theory	Lab	Hours
WOD 100 Intro. to Secondary Wood Manufacturing Technology	2	3	3
WOD 110 Intro. to Comp. & Special Design Software	2	3	3
WOD 118 Intro. to Specialized Operational Software	2	3	3
WOD 120 Intro. to Maintenance	2	3	3
WOD 130 Intro. to Solid Lumber Processing	2	3	3
WOD 140 Intro. to Panel Processing	2	3	3
WOD 160 Intro. to Wood Science	2	3	3
WOD 180 Entry Level Special Topics	0	9	3

Total Semester Credit Hours 24

Finishing Option

The Finishing option will prepare students for entry level finishing employment in the secondary wood manufacturing industry.

	Semester		
	Theory	Lab	Hours
WOD 100 Intro. to Secondary Wood Manufacturing Technology	2	3	3
WOD 120 Intro. to Maintenance	2	3	3
WOD 130 Intro. to Solid Lumber Processing	2	3	3
WOD 150 Intro. to Production Finishing	2	3	3
WOD 155 Intermediate Production Finishing	2	3	3
WOD 160 Intro. to Wood Science	2	3	3
WOD 170 Intro. to Veneer/Laminate	2	3	3
WOD 180 Entry Level Special Topics	0	9	3

Total Semester Credit Hours 24

Set-Up Technician Option

The Set-Up Technician option will prepare students for entry level production setup employment in the secondary wood manufacturing industry.

	Semester		Hours
	Theory	Lab	
WOD 100 Intro. to Secondary Wood Manufacturing Technology	2	3	3
WOD 120 Intro. to Maintenance	2	3	3
WOD 130 Intro. to Solid Lumber Processing	2	3	3
WOD 133 Intro. to Tooling & Measurement	2	3	3
WOD 140 Intro. to Panel Processing	2	3	3
WOD 160 Intro. to Wood Science	2	3	3
WOD 170 Intro. to Veneer/Laminate	2	3	3
WOD 180 Entry Level Special Topics	0	9	3
Total Semester Credit Hours			24

Design Software Option

The Design Software option will prepare students for entry level computer software design employment in the secondary wood manufacturing industry.

	Semester		Hours
	Theory	Lab	
WOD 100 Intro. to Secondary Wood Manufacturing Technology	2	3	3
WOD 110 Intro. to Comp. & Special Design Software	2	3	3
WOD 115 Intermediate Specialized Design Software	2	3	3
WOD 130 Intro. to Solid Lumber Processing	2	3	3
WOD 133 Intro. to Tooling & Measurement	2	3	3
WOD 140 Intro. to Panel Processing	2	3	3
WOD 160 Intro. to Wood Science	2	3	3
WOD 180 Entry Level Special Topics	0	9	3
Total Semester Credit Hours			24

CNC Machining Software Option

The CNC Machining Software option will prepare students for entry level computer software CNC machining employment in the secondary wood manufacturing industry.

	Semester		Hours
	Theory	Lab	
WOD 100 Intro. to Secondary Wood Manufacturing Technology	2	3	3
WOD 110 Intro. to Comp. & Special Design Software	2	3	3
WOD 118 Intro. to Specialized Operational Software	2	3	3
WOD 130 Intro. to Solid Lumber Processing	2	3	3
WOD 133 Intro. to Tooling & Measurement	2	3	3
WOD 140 Intro. to Panel Processing	2	3	3
WOD 160 Intro. to Wood Science	2	3	3
WOD 180 Entry Level Special Topics	0	9	3
Total Semester Credit Hours			24

Allied Health Linkage Programs

Northwest-Shoals Community College has established a cooperative linkage program with Wallace State/Hanceville. The first year of general education and prerequisite courses are completed at the College on either campus. **After acceptance to Wallace State and the desired program, students transfer to Wallace State to complete the course work in the specific area along with clinical experiences to obtain an Associate in Applied Science Degree/and or Certificate.** The following programs are offered through this arrangement:

Health Programs	Approximate Length of Study at Wallace State Community College
Clinical Laboratory Technician	5 semesters
Dental Assisting	4 semesters
Dental Hygiene	5 semesters
Diagnostic Imaging	5 semesters
Diagnostic Medical Sonography	4 semesters
Health Information Technology	3 semesters
Human Services	5 semesters
Medical Assistant	5 semesters
Occupational Therapist Assistant	3 semesters
Pharmacy Technology	4 semesters
Physical Therapist Assistant	3 semesters
Respiratory Therapy	5 semesters

Linkage students should submit an application for admission to Wallace State College as soon as they begin classes at Northwest-Shoals. Separate applications are required by each program. **June 15 is the deadline date for program applications. Call (256) 352-8031 to request specific program application.**

Students interested in pursuing any of the linkage programs should contact an advisor as early as possible. The student is strongly advised to contact the Wallace State College linkage coordinator, Laura Smallwood at (256) 352-8045 the first semester at Northwest-Shoals to ensure that the proper courses are taken.

Some of the programs specify deadlines for admission. If no deadline is specified, application should be made as soon as possible. Students will be expected to meet the academic standards of Northwest-Shoals. **Since admission requirements and course requirements at Wallace State are subject to change, please consult with the linkage coordinator at Wallace State.** Students who complete these programs are awarded the Associate in Applied Science degree from Wallace State. Certificates are available in Medical Coding, Medical Transcription, Dental Assisting, and Pharmacy Technology.

While attending Wallace State, the student will be responsible for tuition, books, cost of background screening and drug testing fee, an Accident Insurance fee and a Malpractice Insurance fee each semester. Malpractice insurance is available through the College at a low cost. Most programs require students to carry health insurance. All students must have evidence of current immunizations and physical exam.

Linkage scholarships are available. **March 1st** is the deadline for application.