

Code	Competency	SE Chapter(s)	SE Page Number(s)
LOUISIANA	Course: Basic Wood Technology		
LA 1	Orientation to Basic Wood Technology		
LA 1.1	Identify and locate tools and equipment found in the wood laboratory.	Woodworker's Handbook, 4, 5, 6, 7, 8, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30	16-42, 104-110, 113-122, 123, 124-125, 129-130, 133-135, 142-143, 147, 152-154, 160, 278-284, 285, 286-287, 295, 311-312, 319-320, 331, 340-342, 349-352, 359-361, 371-373, 374, 376, 379-381
LA 1.2	Successfully pass a safety test concerning the wood lab, its equipment, supplies, and operational procedures.	2, Student Workbook: Safety Worksheets	
LA 1.3	Explain the consequences of unsafe woodworking lab practices.	2	75-77, 79, 82, 83, 86
LA 1.4	List all hazardous chemicals in the woodworking lab and state whether poisonous, caustic, or flammable.	2, Student Workbook: Safety Worksheets, Online Learning Center: Safety Guidebook	
LA 1.5	Demonstrate awareness of Technology Education Rally.		
LA 1.6	Demonstrate awareness of Technology Student Association requirements and advantages.	Online Learning Center: Competitive Events Prep	
LA 2	Technology Student Association (TSA)		
LA 2.1	Develop an appreciation for high standards of craftsmanship through competition.	Online Learning Center: Competitive Events Prep	
LA 2.2	Develop interest and enthusiasm for learning about the technical world.	1	70
LA 2.3	Develop leadership skills and qualities through TSA competition.	Online Learning Center: Competitive Events Prep	
LA 3	Career Skills	1	72, 74
LA 3.1	Define job seeking terminology, resources used, and expectations of employers.	1	72, 74
LA 3.2	Outline information essential to applying, evaluating, and terminating a job.	1, Online Learning Center: Enrichment Activities	72, 74
LA 3.3	Explain how Technology Education offers a definite path for students to follow, including job-seeking skills.	1, Student Workbook: Career Opportunities	72

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LOUISIANA	Course: Basic Wood Technology		
LA 4	Introduction to Materials	Woodworker's Handbook, 1	49, 50-51, 52-53, 67-69, 74
LA 4.1	Distinguish between hardwoods and softwoods.	Woodworker's Handbook, 1	49, 50-51, 52-53, 68, 69, 74
LA 4.2	Display a working knowledge of the characteristics and uses of various lumber.	Woodworker's Handbook, 1	49, 50-51, 52-53, 67-69, 74
LA 4.3	Determine relative cost vs. grade.	1	68-69, 74
LA 4.4	Demonstrate awareness of manufactured panel products.	Woodworker's Handbook, 1	56-57, 67, 69
LA 5	Basic Hand Tool Care, Selection, and Safe Use	4	104-106, 123
LA 5.1	Convert and use a ruler accurately to 1/32nd inch.	4	104-106, 123
LA 5.2	Make accurate English and metric measurements using fractional division and decimal.	4	104-106, 123
LA 5.3	Differentiate between proper and improper techniques for using each tool safely.	Safety First features, Student Workbook: Safety Worksheets, Online Learning Center: Safety Guidebook	
LA 6	Wood Joints	8, 9, 10, 11, 12, Advanced Woodworking Techniques, Woodworking Projects	156-165, 166, 167-168, 175-180, 183, 184-189, 192, 193-194, 531-539, 564-565, 566-569, 570-573, 574-577, 570-573, 578-581, 582-585, 586-589, 598-601
LA 6.1	Select and construct basic wood joints.	8, 9, 10, 11, 12, Advanced Woodworking Techniques, Woodworking Projects	156-165, 166, 167-168, 175-180, 183, 184-189, 192, 193-194, 531-539, 564-565, 566-569, 570-573, 574-577, 570-573, 578-581, 582-585, 586-589, 598-601

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LOUISIANA	Course: Basic Wood Technology		
LA 6.2	Measure correctly to cut joints.	8, 9, 10, 11, 12, Advanced Woodworking Techniques, Woodworking Projects	156-165, 166, 167-168, 175-180, 183, 184-189, 192, 193-194, 531-539, 564-565, 566-569, 570-573, 574-577, 570-573, 578-581, 582-585, 586-589, 598-601
LA 6.3	Organize and plan assembly processes.	Woodworking Projects	564-565, 566-569, 570-573, 574-577, 570-573, 578-581, 582-585, 586-589, 598-601
LA 7	Selection of and Planning Projects	1, Woodworking Projects	71, 546-609
LA 7.1	Select a project for construction based on needs including styling period, and incorporate good design features.	Woodworking Projects	546-609
LA 7.2	Incorporate Scientific Method of Problem Solving steps in planning a project.	1, Woodworking Projects	71, 546-609
LA 7.3	Develop project plans using the proper techniques of drawing.	3	90-93, 94-95, 99, 102
LA 7.4	Make a working drawing (Orthographic projection).	3	92-93, 102
LA 7.5	Dimension a drawing project.	3	90-93, 94-95, 99, 102
LA 7.6	Make a basic plan of procedure and a bill of materials.	3, Woodworking Projects	96-98, 99-101, 102, 598-601
LA 8	Estimating and Selecting		
LA 8.1	Make selections of appropriate materials and supplies needed to construct a project.	3, 12, Woodworking Projects	99-101, 201, 546-609
LA 8.2	Calculate a board foot by formula and accurately compute board feet. BF = # of pieces x T x W x L (T, W, & L given in inches) 1 x 12 x 12	3	97-98, 99-101, 102
LA 8.3	Determine total time required to complete a project.	3, Online Learning Center: Competitive Events Prep Projects	101
LA 9	Material Processing	4, 7, 20, 21, 30, Advanced Woodworking Techniques, Woodworking Projects	106-107, 123, 147-148, 155, 283, 291-292, 379-393, 394, 540-544, 546-609

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LOUISIANA	Course: Basic Wood Technology		
LA 9.1	List the tools and operations needed to square a piece of stock.	4, 20, 21	106-107, 123, 283, 291-292
LA 9.2	Square stock using hand tools and machines.	4, 20, 21	106-107, 123, 283, 291-292
LA 9.3	Shape stock using different hand tools or power tools.	7, 30, Advanced Woodworking Techniques, Woodworking Projects	147-148, 155, 379-393, 394, 540-544, 546-609
LA 10	Fasteners	Woodworker's Handbook, 5, 8, 15, 35	43-45, 126-128, 131, 156-158, 224, 227-229, 232-233, 234, 444
LA 10.1	Identify and select common fasteners for various installations and uses.	Woodworker's Handbook, 5, 8, 15, 35	43-45, 126-128, 131, 156-158, 224, 227-229, 232-233, 234, 444
LA 10.2	Determine size of nails and screws needed by diameter from chart.	Woodworker's Handbook,	59, 60, 126, 127
LA 10.3	Determine size of twist drill used for pilot hole from chart.	6, 15	133, 230
LA 10.4	Properly install nails, screw, and other miscellaneous fasteners.	5, 9, 15, Woodworking Projects	124-128, 128-130, 131, 172, 224-226, 228, 230-232, 234, 546-609
LA 11	Preparation for Finishing	31, Woodworking Projects	396-399, 406, 546-609
LA 11.1	Use preventative and corrective means of preparation for finishing during and after construction.	31	397-398, 405, 406
LA 11.2	Prepare a wood surface for finishing	31, Woodworking Projects	396-399, 406, 546-609
LA 12	Finishing Technology	31, 32, 33, 37, 38, Woodworking Projects	396-399, 406, 546-609
LA 12.1	Select appropriate finish for a given interior or exterior finishing task.	31, 32, 33, 37, 38, Woodworking Projects	396-399, 403, 405, 406, 408, 424-425, 465, 466, 476, 546-609
LA 12.2	Choose and apply the correct solvent for the finishing job at hand.	31, 33	403, 424

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LOUISIANA	Course: Basic Wood Technology		
LA 12.3	Demonstrate the ability to change the appearance of a product by applying a suitable finish.	Woodworking Projects	546-547, 570-573, 574-577, 578-581, 582-585, 586-589, 592-595, 598-601, 602-605, 606-609
LA 12.4	Satisfactory clean finishing supplies for later use.	32, 33	412, 415-416, 424
LA 12.5	Demonstrate good safety skills, attitudes, and habits while working with finishing materials and supplies.	2, 32, 33	79-80, 83, 409, 410, 411, 412, 415, 416, 417, 422
LA 13	Hardware	Woodworker's Handbook, 17, Woodworking Project	46, 253-260, 261, 592-595
LA 13.1	Identify, choose, and install common hardware items.	Woodworker's Handbook, 17, Woodworking Project	46, 253-260, 261, 592-595
LA 14	Portable Power Tools	Woodworker's Handbook, 4, 5, 6, 7, 9, 10	21, 22, 33-35, 37, 38, 39-41, 42, 118-122, 123, 130, 134-140, 141, 152-154, 155, 171, 182
LA 14.1	Identify types and uses of portable power tools used in woodworking.	Woodworker's Handbook, 4, 5, 6, 7, 9, 10	21, 22, 33-35, 37, 38, 39-41, 42, 118-122, 123, 130, 134-140, 141, 152-154, 155, 171, 182
LA 14.2	Adjust and operate portable power tools for safe and efficient use.	4, 5, 6, 7, 9, 10	118-122, 123, 130, 134-140, 141, 152-154, 155, 171, 182
LA 14.3	Perform various cuts using portable power-saving tools freehand and with attachments and accessories.	4, 5, 6, 7, 9, 10, Advanced Woodworking Techniques, Woodworking Projects	118-122, 123, 130, 134-140, 141, 152-154, 155, 171, 182, 537-539, 546-609
LA 15	Stationary Power Tools (Introduction)	Woodworker's Handbook, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29	33, 34, 35-36, 37, 38-39, 41, 278-284, 285, 286-293, 294, 295-309, 310, 311-317, 318, 319-329, 330, 331-338, 339, 340-347, 348, 349-357, 358, 359-369, 370, 371-377, 378, 379-393, 394

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LOUISIANA	Course: Basic Wood Technology		
LA 15.1	Identify and safely use stationary power tools.	Woodworker's Handbook, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29	33, 34, 35-36, 37, 38-39, 41, 278-284, 285, 286- 293, 294, 295-309, 310, 311-317, 318, 319-329, 330, 331-338, 339, 340- 347, 348, 349-357, 358, 359-369, 370, 371-377, 378, 379-393, 394
LA 15.2	Perform operations listed in outline for each machine.	20, 21, 22, 23, 24, 25, 26, 27, 28, 29	278-284, 285, 286-293, 294, 295-309, 310, 311- 317, 318, 319-329, 330, 331-338, 339, 340-347, 348, 349-357, 358, 359- 369, 370, 371-377, 378, 379-393, 394