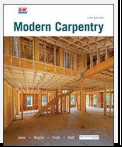
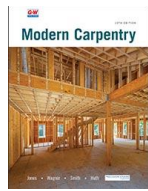


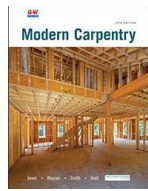
**Goodheart-Willcox
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 To Georgia Department of Education
 Carpentry-I Course Number 46.55000**



Course Task/Competency Lists		Correlating Textbook Pages
AC-C1-1		
Demonstrate employability skills required by business and industry.		
The following elements should be integrated throughout the content of this course.		
1.1	Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities.	11-12
1.2	Demonstrate creativity by asking challenging questions and applying innovative procedures and methods.	11-12
1.3	Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations.	11-12
1.4	Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity.	11-12
1.5	Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills.	9-12, 10 Figure 1-8 Skills/Behaviors Contractors Value Most in Beginner Carpenters
1.6	Present a professional image through appearance, behavior and language.	11-12
AC-C1-2		
Read, interpret, apply information, and estimate costs from a variety of architectural and construction working drawings.		
2.1	Demonstrate knowledge of reading and interpreting plans, elevations, schedules, sections, and details contained in basic construction drawings as related to site layout, floors and walls.	127-144, 130 Figure 7-7, Floor plan
2.2	Estimate materials for use in site layout, floors and walls.	540-541
AC-C1-3		
Demonstrate an understanding of the materials, processes, and safety related to all cement and concrete products.		
3.1	Demonstrate knowledge of the safety procedures associated with construction and use of concrete products.	19-32, 32 Construction Careers
3.2	Demonstrate knowledge of properties and composition of concrete products.	187-191, 188 Figure 9-36, Comparing Concrete Curing Methods
AC-C1-4		
Demonstrate an understanding of the concepts, materials and practices of basic site layout and footings.		
4.1	Demonstrate knowledge of the proper selection of materials for site layout, floors and walls.	36-64, 43 Figure 3-17 Boards



Course Task/Competency Lists		Correlating Textbook Pages
4.2	Demonstrate knowledge of site layout.	153-167, 154 Figure 8-1, Homestead Addition
4.3	Demonstrate knowledge of individual components used in footings.	172-213, 178 (Procedure-Constructing Footing Forms)
AC-C1-5 Demonstrate knowledge of proper and necessary carpentry tasks and materials that enable a team to construct floor and wall systems.		
5.1	Demonstrate the proper selection of materials for floors and walls.	36-64, 43 Figure 3-17 Boards
5.2	Demonstrate knowledge of constructing floor systems.	546-565, 553 (Procedures-Laying Wood Strip Flooring over Concrete), 553 (Procedures -Laying Wood Strip Flooring Using a Plywood Subfloor over Concrete Slab)
5.3	Demonstrate knowledge of constructing wall systems.	244-261, 250 (Procedure-Laying Out Plates for the First Outside Wall), 251 (Procedure-Constructing a Wall Section), 426-469, 432 (Procedure-Framing a Wooden Box Cornice), 435 (Procedure-Preparing a Story Pole and the Layout), 437 (Procedure-Installing Bevel Siding)
AC-C1-6 Demonstrate an understanding of proper and necessary carpentry tasks that enable a team to construct ceiling and roof systems.		
6.1	Demonstrate measuring, laying-out, and cutting all types of ceiling framing members.	261-270, 269 (Procedure-Installing Housewrap)
6.2	Demonstrate measuring, laying-out, and cutting all types of roof framing members.	274-311, 281 (Procedure), 284 (Procedure), 285 (Procedure), 286 (Procedure - Laying Out a Gable End Frame), 286 (Procedure - Finding the Common Difference with the Framing Square)
6.3	Demonstrate a basic knowledge of truss systems.	302-307
AC-C1-7 Demonstrate an understanding of the proper and necessary carpentry tasks that enable a team to install doors, windows, and stairs.		
7.1	Demonstrate knowledge of the installation of door and window jambs.	391-423, 405-406 (Procedure-Installing a Window with a Flange on a Home with Traditional Housewrap, 417 (Procedure-Installing a Prehung Entry Door), 423 (Procedure - Installing an Overhead Garage Door)
7.2	Demonstrate how to install doors and windows and associated components.	391-423, 405-406 (Procedure-Installing a Window with a Flange on a Home with Traditional Housewrap, 417 (Procedure-Installing a Prehung Entry Door), 423 (Procedure - Installing an Overhead Garage Door)
7.3	Demonstrate how to lay-out, cut, and install stairs.	568-584, 580 (Procedure- Splitting Angles for Miter Cuts)



Course Task/Competency Lists		Correlating Textbook Pages
AC-C1-8		
Demonstrate an understanding of installation and application procedures for exterior finishes.		
8.1	Demonstrate knowledge of products and materials used in exterior finishes.	426-469, 432 (Procedure-Framing a Wooden Box Cornice), 437 (Procedure-Installing Bevel Siding), 442 (Procedure-Adjusting Course Spacing), 454 (Procedure-Hanging Vinyl Soffit), 455 (Procedure-Installing Aluminum Fascia Trim), 457 (Procedure-Installing Horizontal Siding), 458 (Procedure-Typical Installation of Top Course), 459 (Procedure-Installing Vertical Siding), 459 (Procedure-Finishing Gable Ends for Vertical Siding), 460 (Procedure-Preparing Old Siding), 464 (Procedure-Installing the Insulation Board)
8.2	Demonstrate measuring, laying-out, cutting, and installing exterior finishes.	426-469, 432 (Procedure-Framing a Wooden Box Cornice), 437 (Procedure-Installing Bevel Siding), 442 (Procedure-Adjusting Course Spacing), 454 (Procedure-Hanging Vinyl Soffit), 455 (Procedure-Installing Aluminum Fascia Trim), 457 (Procedure-Installing Horizontal Siding), 458 (Procedure-Typical Installation of Top Course), 459 (Procedure-Installing Vertical Siding), 459 (Procedure-Finishing Gable Ends for Vertical Siding), 460 (Procedure-Preparing Old Siding), 464 (Procedure-Installing the Insulation Board)
AC-C1-9		
Examine how SkillsUSA is a co-curricular part of career and technical education through leadership development, school and community service projects, and competitive events.		
9.1	Explain the purpose, mission, objectives, motto, colors, official dress and other distinguishing characteristics of SkillsUSA.	15-16
9.2	Explain how participation in SkillsUSA can promote lifelong responsibility for community service, professional growth and development.	15-16
9.3	Explore the impact and opportunities that SkillsUSA can develop to bring business and industry together with education in a positive working relationship through innovative leadership and career development programs.	15-16
9.4	Explore the local, state, and national opportunities available to students through participation in SkillsUSA, including but not limited to conferences, competitions, community service, philanthropy, and other SkillsUSA activities.	15-16