Correlation of

***Modern Carpentry,* 14e, R. Jack Jones, Willis H. Wagner, Howard Bud Smith, Mark W. Huth (Goodheart-Willcox Publisher ©2026)**

to

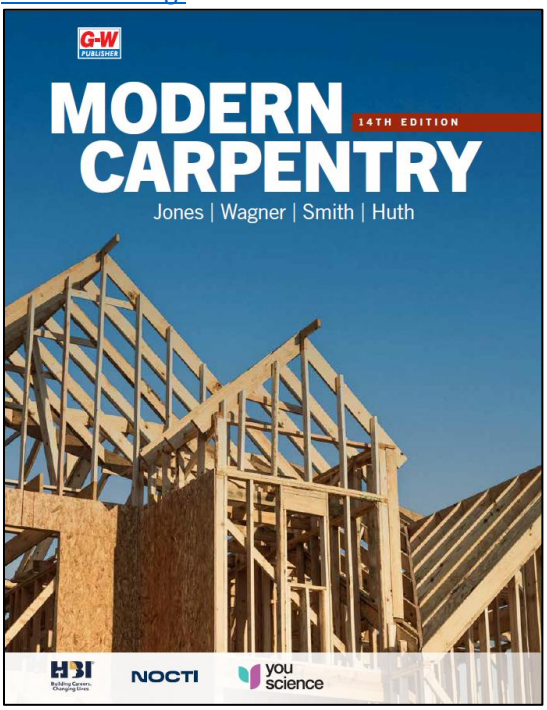
NOCTI Building Construction Occupations

Goodheart-Willcox is pleased to partner with NOCTI, a leading provider of industry certification solutions for CTE programs across the nation. With over 50 years of experience, NOCTI is a valuable partner in the CTE community's efforts to improve America's workforce.

NOCTI certifications (knowledge-based and skill-based) are developed by national teams of subject matter experts as part of the process that meets personnel accrediting standards and requirements under ISO 17.024, resulting in credentials measuring skills and competencies critical for learner success outside the classroom. From online test delivery and psychometric services to digital badging and professional development, NOCTI uses the latest tools and methods to provide relevant solutions for those in CTE.

The correlation chart below lists the specific standards and competencies for the Building Construction Occupations written assessment in the left column. Corresponding content from *Modern Carpentry* that can be used by a student to help achieve the standards and competencies is listed in the right column.

For more information about NOCTI, visit www.nocti.org.



Standards / Competencies	Textbook Pages
Safety and General Knowledge	
Recognize and adhere to worksite safety rules (housekeeping and health related)	pgs. 28–30
Utilize appropriate personal protective equipment (PPE)	pgs. 30–33
Demonstrate understanding of ladder and scaffold safety	pgs. 35, 130–140
Recognize and adhere to governmental regulations (e.g., OSHA, SDS)	pgs. 26–28, 39–40
Demonstrate safe and appropriate use of hand tools	pgs. 36, 85–100

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Standards / Competencies	Textbook Pages
Demonstrate safe and appropriate use of power tools	pgs. 36, 103–126
Carpentry	
Identify carpentry materials	pgs. 47–49, 53–78
Describe, lay out, and construct wood floor framing	pgs. 244–267
Calculate, lay out, and construct stairs	pgs. 606–616
Identify, lay out, and construct wood wall framing	pgs. 272–290
Describe, calculate, and construct ceiling and roof framing	pgs. 290–292, 303–339
Identify and install roofing materials (e.g., shingles, fasteners, flashings)	pgs. 360–361, 363–396
Differentiate various styles of roofs	pgs. 303–304, 312–324, 326–329
Identify, estimate, and install exterior windows and doors	pgs. 425–428, 430–458
Identify, measure, calculate, and apply exterior finishes (e.g., sidings, trims)	pgs. 463–507
Describe and install interior finishes (e.g., drywall, doors, trims)	pgs. 553–572
Masonry	
Identify, calculate quantities, and install footings and foundations	pgs. 211–222, 236–238
Identify, calculate quantities, and install brick and block	pgs. 502–506
Identify, calculate quantities, and install various types of tile	pgs. 562–564, 567–569
Identify, calculate quantities, place/pour, and finish concrete applications (e.g., sidewalks, steps)	pgs. 211–222, 236–238
Electrical	
Identify, estimate, and install rough electrical (including wire and cable)	pgs. 814–827, 829–830
Identify, calculate quantities, and install finish electrical	pgs. 814–827, 829–830
Plumbing	
Identify, estimate, design, and install rough plumbing (e.g., PVC, ABS, copper, PEX)	pgs. 836–836, 839–842, 847–852
Identify, calculate quantities, and install finish plumbing fixtures	pgs. 836, 842–844, 847–852
Energy Efficiency	

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Standards / Competencies	Textbook Pages
Identify, estimate, and install insulation and interpret R-values	pgs. 515–518
Recognize various ventilation applications	pgs. 373–374, 523–526
Identify “green” construction technology (e.g., lighting, Energy Star®)	pgs. 750–766
Blueprints, Building Layout, and Site Layout	
Recognize blueprint terms, symbols, and abbreviations	pgs. 148–166, 177, 821–822, 844–846
Interpret blueprints and calculate quantities	pgs. 148–166, 177, 821–822, 844–846
Demonstrate use of architect’s scale	pg. 149
Lay out buildings using various calculations, squaring, and leveling methods	pgs. 178–191

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