Welcome to the Second Canadian Edition of *Carpentry*. The 2010 National Building Code of Canada is used as the point of reference. All measurements are given in both imperial and metric systems. This full-colour resource brings the jobsite to life—integrating photo-realistic drawings, drawn to scale, and on-the-job photos from construction projects across Canada and the United States. Safety information has been greatly expanded, including a section on General Safety Guidelines in the Introduction, Safety Reminders to open units alerting students to potentially dangerous situations on the job, and Cautions to help prevent accidents when working with various tools of the trade.

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Developed in partnership with the National Association of Home Builders (NAHB) and its Home Builders Institute (HBI), this resource offers a visual, step-by-step approach to learning how to build a home, while guiding students through the development of essential workplace skills. *Residential Construction Academy: Carpentry* is constructed within a modular design, with current and concise information crafted logically to facilitate learning. From start to finish, the book systematically steps students through the construction industry, and the carpentry techniques, code requirements, and best practices associated with constructing a residential building, including coverage of tools and materials, rough carpentry, exterior and interior finishes, and more.

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Green Building provides a current, comprehensive guide to this exciting, emerging field. From core concepts to innovative applications of cutting-edge technology and the latest industry trends, this text offers an in-depth introduction to the construction of “green” homes. Unlike many texts that adopt a product-oriented approach, this resource emphasizes the crucial planning, processes, and execution methods necessary for effective, environmentally sound construction. This resource demonstrates that Earth-friendly products and energy-efficient materials take planning in order to make a building truly green. This resource helps students and professionals develop the knowledge and skills to “think green” from start to finish, empowering and inspiring them to build truly sustainable homes.

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A comprehensive guide for aspiring carpenters, cabinetmakers, or woodworking hobbyists, *Woodworking* introduces the basics of woodworking tools and materials while also exploring the art of creating finished pieces and establishing a career in the woodworking industry. Featuring a full-colour design, each procedure is fully explained in a clear, step-by-step manner, from the beginner woodworking tasks to the more complex processes involved in cabinetry, joinery, finish carpentry, and more. With a strong emphasis on safety and solid craftsmanship, this resource encourages the development of effective practices and skills that are sure to lead to student success.

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