

## General Contracting Course Outline – 180 Hours

Major Units of Instruction Industry Sector / Pathways Alignment Building Trades and Construction Sector – Residential and Commercial Construction Pathway (D)	Expected Student Learning Results (ESLRs)	Assessment & Materials	Class Hours	Academic Standards Reinforced
<p>1 ESSENTIAL EMPLOYABILITY SKILLS/CAREER PREPARATION STANDARDS</p> <p>a. Understand how personal skill development affects employability (positive attitude, honesty, self-confidence, time management). 8.0</p> <p>b. Understand principles of effective interpersonal skills (group dynamics, conflict resolution, negotiations). 9.0</p> <p>c. Understand the importance of good academic skills, critical thinking, and problem-solving in the workplace. 1.0, 5.0</p> <p>d. Understand principles of effective communication. 2.0</p> <p>e. Understand occupational safety issues and observe all safety rules. 6.0</p> <p>f. Understand career awareness, paths, and strategies for obtaining employment. 3.0</p> <p>g. Understand and adapt to changing technology. 10.0</p> <p>h. Understand and prepare for employment (resume, job application, job interview, portfolio development). 3.0</p>	<p>Technological Producers Interpersonal Learners Problem Solvers</p>	<p>-Lecture -Demonstration -Group &amp; individual activities -Quizzes -Guest Speakers</p>	<p>10</p>	<p>Language Arts (8) R 1.3, 2.6 W1.3, 2.5. LC 1.4,1.5, 1.6 LS1.2, 1.3, 1.7 (9/10) R2.1,2.3,2.6; W2.5; LC1.4; LS 1.1, 2.3 (11/12) R2.3; W2.5; LC1.2 <u>Math (7)</u> NS1.2, 1.3, 1.7 MR 1.1,1.3,2.1, 2.7,2.8, 3.1 <u>CAHSEE</u> Lang. Arts R 8.2.1 (9/10) R 2.1, 2.3; W2.5 Math (7) NS 1.2, 1.3, 1.7 MR 1.1, 2.1, 3.1</p>
<p>2 ORIENTATION AND SAFETY PRACTICES 6.0, D5.0</p> <p>a. General practices and procedures</p> <p>b. Hand tools</p> <p>c. Power tools</p> <p>d. Miscellaneous equipment and accessories</p> <p>e. Safety test</p>	<p>Responsible Individuals Technological Producers</p>	<p>-Lecture -Demonstration -Manuals</p>	<p>15</p>	
<p>3 TOOLS AND EQUIPMENT - IDENTIFY AND PRACTICE D2.0, D3.0</p> <p>a. Primary tools</p> <p>b. Safe use and maintenance</p> <p>i. Hand tools</p> <p>ii. Power tools</p> <p>iii. Related equipment and accessories</p> <p>c. Order of tool purchase</p>	<p>Interpersonal Learners Effective Communicators Technological Producers</p>	<p>-Lecture -Demonstration -Group Activities -Quizzes -Practice projects</p>	<p>35</p>	
<p>4 CONSTRUCTION DESIGN D1.0 applies all</p> <p>a. Concepts</p> <p>i. Types of structures</p> <p>ii. Functions of structures</p> <p>iii. Site considerations</p> <p>b. Structural specifications D4.1</p> <p>c. Government regulations D4.4</p> <p>i. Zoning</p> <p>ii. Codes</p> <p>iii. Permits</p>	<p>Technological Producers Interpersonal Learners Problem Solvers</p>	<p>-Lecture -Demonstration -Group &amp; individual activities -Quizzes -Practice projects -House Project</p>	<p>50</p>	

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5 BLUEPRINTS AND ESTIMATIONS <i>D4.2</i> a. Terminology i. Scale ii. Symbols b. Specifications c. Plans i. Plot ii. Foundation iii. Floor iv. Elevations d. Bids i. Materials ii. Costs iii. Suppliers	Responsible Individuals Technological Producers Interpersonal Learners Problem Solvers	-Lecture -Demonstration -Group & individual activities -Quizzes -Practice projects -House Project -Guest speakers	70	Math (gr 7) Reasoning/estimating 2.1, 2.2, 2.3, 2.8, 3.1 and Number Sense 1.3, 1.6  Geometry 8.0, 11.0, 12.0  Repeats through sections 6 – 17 (All related to House Project)
<b>TOTAL HOURS</b>			<b>180</b>	