**Lesson Information**

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| Lesson: (4 of 4) Basic Craft Length: 90 minutes  Unit: (1 of 3) Job Skills  Course: Core |

**Content Assumptions**

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**Essential Questions**

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| 1. How are different types of materials safely and appropriately handled? 2. What are the basic methods for safely working with hand and power tools? |

**Objectives Assessments**

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| After completing this lesson, students will be able to:   1. Demonstrate their knowledge of the handling of different types of materials. 2. Determine if a tool is safe to use and explain how to use it. | 1. Rigging demonstration — rubric 2. Tool test presentation — rubric |

**Activities/Instruction**

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| **Show and Tell** (45 minutes)  Using photos and/or videos (as described in the Materials section), Instructor describes how different materials are handled, including how they are rigged and hand signals from the American National Standards Institute (ANSI) to use. Using example tools (as described in the Materials section), Instructor explains how to tell if a tool is safe or unsafe to use, as well as how to use it safely.  **Tools for Given Tasks** (45 minutes)  Instructor divides students into groups, giving a tool (which may be hand or power, safe or unsafe) and a material-handling situation (e.g., needing to move eight 4’ by 12’ drywall sheets up to the second floor of an unfinished house, etc.) to each group. Groups have 10 minutes to decide:   1. If the tool is safe to use 2. How to safely use it 3. How to safely handle the given materials   Each group will present its decisions to the rest of the class. |

**Materials**

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| For Instructor:   * Photos/videos of rigging and material-handling set-ups * Examples of safe and unsafe hand and power tools * [TOOL-RIG PRESENTATION RUBRIC] |