

Lycoming County Career Consortium
Building Construction Lesson Plan
Walter Reed – Instructor

PLANNED PROGRAM TITLE: Building Construction

PLANNED COURSE TITLE: Hand and Power Tools

LESSON TITLE: Technical Writing Assignment

LESSON NO: HP-15

TERMINAL OBJECTIVE: With the experience of using a tape measure, square, and circular saw, the student will be able to demonstrate in writing the proper technique to measure, square, and cut a piece of stock to length using a circular saw. To successfully complete this task, an 85% must be obtained.

ENABLING OBJECTIVES:

1. The student will research the available textbook for proper terms with 85% accuracy.
2. By researching the available textbook, the student will establish a reading vocabulary by identifying and correctly using new words with 85% accuracy.
3. The student will write with a sharp, distinct focus. Also, the student will identify the topic, task, and audience with 85% accuracy.
4. The student will revise writing to improve style and word choice with 85% accuracy.

RELATED PA ACADEMIC STANDARDS:

1. 1.1.11.A Locate various texts and resources.
2. 1.1.11.E Establish a reading vocabulary by identifying and correctly using new words.
3. 1.5.11.A Write with sharp, distinct focus. Identify topic, task, and audience.
4. 1.5.11.E Revise writing to improve style and word choice.

TIME ALLOWED: 30 Minutes

EQUIPMENT/MATERIALS: Overhead Projector, Worksheets

REFERENCES: Carpentry and Building Construction/John L. Feirer & Gilbert R. Hutchings

INTRODUCTION: After demonstrating that you can safely accomplish a variety of tasks using a tape measure, square, and circular saw, you will write the procedure required to measure, square, and cut a board.

BODY:

- A. List the materials and tools needed to layout a 2" x 4" x 16'. In a written procedure form, explain the proper technique to measure, square, and cut a 2" x 4" to the appropriate length. The 2" x 4" should be cut to 15' 6". Your audience for this task will be a group of new students or new employees on a job.
 1. You will start by doing a prewriting paper listing the materials needed.
 2. List the steps in sequential order to measure and mark a 2"x 4" x 16' to the length of 15' 6". Give the steps to square the end and cut the board with the circular saw along the squared line. [Don't forget safety procedures]
 3. Begin each step with an action verb such as cut, measure, and secure. Remember to tell the reader to do something in each step.

4. Use proper terms, avoiding slang.
 5. Use short sentences.
 6. One instruction for each step.
 7. Explanations after each step.
- B. Write a first draft using complete, flowing sentences that would make sense to your reader.
- C. Use the worksheet to help revise your set of instructions.
- D. Type a final copy, checking for errors in capitalization, punctuation, and spelling.

SUMMARY: Use the worksheet to help guide you through prewriting and the revised writing portions of this task before the final, revised project is turned in for evaluation.

EVALUATION: The assignment will be evaluated for the technical aspect and composition using a grading rubric worth 100 points.