

AIT-1020: COMPREHENSION AND COMMUNICATION FOR CONSTRUCTION

Cuyahoga Community College

Viewing: AIT-1020 : Comprehension and Communication for Construction

Board of Trustees:

2013-11-29

Academic Term:

Fall 2024

Subject Code

AIT - Applied Industrial Technology

Course Number:

1020

Title:

Comprehension and Communication for Construction

Catalog Description:

Covers basic skills necessary for reading factual information used in construction with concentration on supporting details, clarifying information, and end results needed for success in the construction industry.

Credit Hour(s):

2

Lecture Hour(s):

2

Requisites

Prerequisite and Corequisite

Eligibility for ENG-0985 Introduction to College Literacies, MATH-0915 Basic Arithmetic and Pre-Algebra, or qualified Math placement; and concurrent enrollment in the following courses: AIT-1010 Construction Measurements and Calculations, AIT-1020 Comprehension and Communication for Construction, AIT-1040 Spatial and Mechanical Reasoning, AIT-1050 Construction Industry Orientation, AIT-1060 Construction Tools, and AIT-1120 Building Construction Trades Lab.

Outcomes

Course Outcome(s):

Identify key points in construction communications and determine specific subject matter.

Objective(s):

1. Recognize main ideas in various types of communications.
2. Develop skills required for effective transfer of information.
3. Recognize barriers to receiving written instructions.

Course Outcome(s):

Differentiate between various forms of supporting details.

Objective(s):

1. Identify explanations, descriptions and contrasts within forms of construction.
 2. Distinguish between supporting data and instructional details.
 3. Interpret construction communications to determine procedural information and resolutions to inquiries.
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Course Outcome(s):

Identify time patterns and organizational devices that are incorporated into construction communications.

Objective(s):

1. Determine job sequences and completion deadlines for construction projects.
 2. List clarifying terms to interpret requests for information.
 3. Identify signal words and transitional phrases used in drawing notes and reports.
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Methods of Evaluation:

1. Class participation
2. Quizzes
3. Tests
4. Reading assignments

Course Content Outline:

1. Communication key points
 - a. Main ideas
 - b. Reading skills
 - c. Topic sentence
 - d. End position
 - e. Content
2. Information transfer
3. Barriers
 - a. Ambiguity
 - b. Inconsistencies
 - c. Redundancies
4. Supporting details
 - a. Construction forms
 - i. Explanations
 - ii. Descriptions
 - iii. Contrasts
 - b. Data and instructional detail
 - c. Procedural information
 - d. Resolutions
5. Communications
 - a. Requests for information
 - b. Procedures
 - c. Time sequences

Resources

Walter Pauk. *Six-Way Paragraphs*. 3rd. Lincolnwood, Illinois Jamestown Publishers, 2000.

Library of Congress. *Reading Comprehension*. 4th ed. Library of Congress Ny.,NY, 2009.

Resources Other

1. www.readingrockets.org/article/34655 (<http://www.readingrockets.org/article/34655/>)
2. www.ing-usa.com/us/print/001134.html (<http://www.ing-usa.com/us/print/001134.html>)
3. www.literacy.uconn.edu/compre.htm