**Mohawk Valley Community College**

**Course Outline**

**Course Title: CF112 Critical Thinking and Reasoning C-3, Cr-3**

**Course Description:**

This course assists students in the development of critical thinking and reasoning skills. Topics include the characteristics of critical thinking, the effect of language on critical thinking and reasoning, drawing deductively valid conclusions, hypothesis testing, analysis of arguments, decision making, and problem-solving methods.

**Prerequisites:**

An appropriate placement test result.

**Mandatory Co-requisite:**

EN002: CF112 ILS

**Student Learning Outcomes:**

At the end of this course, the students will

1. Define critical thinking

2. Use deduction to draw valid conclusions

3. Analyze arguments.

4. Develop sound arguments.

5. Analyze trends and patterns to draw conclusions

6. Identify the steps of problem-solving

7. Apply problem-solving techniques to academic and everyday situations.

**Major Topics:**

1. Characteristics of critical thinking and critical thinkers
2. Recognizing arguments
3. Basic logical concepts
4. Precise language
5. Logical fallacies
6. Constructing and analyzing arguments

March 2017

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