

# **Course Student Learning Outcomes Assessment**

**CMPR 112 Java Programming**

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## **General Information (Course Student Learning Outcomes Assessment)**

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# Standing Requirements

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## Course Description

Study of the Java language its features and applications. Previous structured programming experience recommended.

## Course Student Learning Outcomes

### CMPR 112 Java Programming Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Write Java programs for real life business situations.	<b>Institutional Student Learning Outcomes:</b> Communicate 1, Learn 3, Think 1, Think 2, Think 3
Outcome 2 Learn about syntax, debugging and documentation.	<b>Institutional Student Learning Outcomes:</b> Communicate 3, Learn 3, Think 1

# 2014-2015 Assessment Cycle

## Measurements

### Outcomes and Measures

#### CMPR 112 Java Programming Outcome Set

##### Outcome

###### Outcome 1

Write Java programs for real life business situations.

▼ **Measure: SLO #1**  
Course level; Direct - Other

**Description of Measurement Tool:** Project/Exam

**Criteria for Success: Individual & Collective Student Criterion:** 70% of students score 70% or better.

**Cycle of Assessment:** Fall

**Who is Responsible for Assessment Activity?:** Instructor

###### Outcome 2

Learn about syntax, debugging and documentation.

▼ **Measure: SLO #2**  
Course level; Direct - Other

**Description of Measurement Tool:** Project/Exam

**Criteria for Success: Individual & Collective Student Criterion:** 70% of students score 70% or better

**Cycle of Assessment:** Fall

**Who is Responsible for Assessment Activity?:** Instructor

## Findings

### Finding per Measure

#### CMPR 112 Java Programming Outcome Set

##### Outcome

###### Outcome 1

Write Java programs for real life business situations.

▼ **Measure: SLO #1**  
Course level; Direct - Other

**Description of Measurement Tool:** Project/Exam

**Criteria for Success: Individual & Collective Student Criterion:** 70% of students score 70% or better.

**Cycle of Assessment:** Fall

**Who is Responsible for Assessment Activity?:** Instructor

**Findings for SLO #1**

**Summary of Findings:** 24/33 students (72%) scored at least 70%

**Results:** Criteria for Success Achievement Status: Met

**Analysis of Findings:** With over 70% of student scoring 70% or better, the objective was met.;

**Recommendations:** Faculty must be vary aware of students who look like they may drop. The biggest danger point is around week 7 when objects are first introduced. All five students who failed to do the homework that week ended up dropping.

## Outcome 2

Learn about syntax, debugging and documentation.

▼ **Measure:** SLO #2  
Course level; Direct - Other

**Description of Measurement Tool:** Project/Exam

**Criteria for Success: Individual & Collective Student Criterion:** 70% of students score 70% or better

**Cycle of Assessment:** Fall

**Who is Responsible for Assessment Activity?:** Instructor

### Findings for SLO #2

**Summary of Findings:** 24/33 students (72%) scored at least 70% or better.

**Results:** Criteria for Success Achievement Status: Met

**Analysis of Findings:** With over 70% of students scoring at least 70%, the objective was met.

**Recommendations:** This semester, the Java class is being assigned more paper homework from the book in order to drill the basic skills. Programming is interesting in that you can experiment and solve a programming assignment and not be able to recall the same solution on a test so this should help.

## Overall Recommendations

*No text specified*

📌 Plans of Action

📌 Status Reports

## 2013-2014 Assessment Cycle

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 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**

## 2012-2013 Assessment Cycle

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 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**