

# **Course Student Learning Outcomes Assessment**

**HSMTH 168 Geometry B**

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

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# Standing Requirements

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## Course Description

This course covers topics in transformations similarity right triangles trigonometry circles areas of polygons and circles surface area and volume.

## Course Student Learning Outcomes

### HSMTH 168 Geometry B Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Demonstrate knowledge of right triangles and trigonometry.	<b>Institutional Student Learning Outcomes:</b> Learn 1, Think 1
Outcome 2 Demonstrate knowledge of surface area and volume.	<b>Institutional Student Learning Outcomes:</b> Learn 1, Think 1

## 2014-2015 Assessment Cycle

### Measurements

#### Outcomes and Measures

### HSMTH 168 Geometry B Outcome Set

#### Outcome

##### Outcome 1

Demonstrate knowledge of right triangles and trigonometry.

▼ **Measure:** Geometry B SLO 1  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** 65% of students will earn a minimum score of 60%

**Cycle of Assessment:** Every year

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

##### Outcome 2

Demonstrate knowledge of surface area and volume.

▼ **Measure:** Geometry B SLO 2  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** 65% of students will earn a minimum score of 60%

**Cycle of Assessment:** Every year

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

### Findings

#### Finding per Measure

### HSMTH 168 Geometry B Outcome Set

#### Outcome

##### Outcome 1

Demonstrate knowledge of right triangles and trigonometry.

▼ **Measure:** Geometry B SLO 1  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** 65% of students will earn a minimum score of 60%

**Cycle of Assessment:** Every year

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

**Findings for Geometry B SLO 1**

**Summary of Findings:** 62 students took the course, 39 students passed the exam

**Results:** Criteria for Success Achievement Status: Not Met

**Analysis of Findings:** Students are not meeting criteria for success

**Recommendations:** Spend additional time on word problem set up

**Outcome 2**

Demonstrate knowledge of surface area and volume.

**Measure:** Geometry B SLO 2  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** 65% of students will earn a minimum score of 60%

**Cycle of Assessment:** Every year

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

**Findings for Geometry B SLO 2**

**Summary of Findings:** 62 students took the course, 34 students passed the test

**Results:** Criteria for Success Achievement Status: Not Met

**Analysis of Findings:** Students are not meeting criteria for success

**Recommendations:** Have students memorize formulas using flash cards

**Overall Recommendations**

*No text specified*

**Plans of Action**

**Actions**

**HSMTH 168 Geometry B Outcome Set**

**Outcome**

**Outcome 1**

Demonstrate knowledge of

**Action:** Early Intervention

right triangles and trigonometry.

**This Action is associated with the following Findings**

No supporting Findings have been linked to this Action.

**Details of Plan of Action:**

**Plan of Action Timeline:** Early intervention regarding absenteeism, and tutoring

**Who is responsible for carrying out the Plan of Action?:** Instructor of Record and administration

**How will you determine if the Plan of Action has been effective?:** By meeting criteria for success

**Additional Resources Required (if any):**

**Budget request amount:** \$5,000.00

**Priority:** Medium

**Outcome 2**

Demonstrate knowledge of surface area and volume.

▼ **Action:** Early Intervention in regards to absenteeism

**This Action is associated with the following Findings**

No supporting Findings have been linked to this Action.

**Details of Plan of Action:** Early intervention regarding absenteeism, and tutoring

**Plan of Action Timeline:** One year

**Who is responsible for carrying out the Plan of Action?:** Instructor of Record

**How will you determine if the Plan of Action has been effective?:** By meeting criteria for success

**Additional Resources Required (if any):**

**Budget request amount:** \$5,000.00

**Priority:** Medium

 **Status Reports**

**Action Statuses**

**HSMTH 168 Geometry B Outcome Set**

**Outcome**

**Outcome 1**

Demonstrate knowledge of right triangles and trigonometry.

▼ **Action:** Early Intervention

**Details of Plan of Action:**

**Plan of Action Timeline:** Early intervention regarding absenteeism, and tutoring

**Who is responsible for carrying out the Plan of Action?:** Instructor of Record and administration

**How will you determine if the Plan of Action has been effective?:** By meeting criteria for

success

**Additional Resources Required (if any):**

**Budget request amount:** \$5,000.00

**Priority:** Medium

**Status** for Early Intervention

*No Status Added*

**Outcome 2**

Demonstrate knowledge of surface area and volume.

▼ **Action:** Early Intervention in regards to absenteeism

**Details of Plan of Action:** Early intervention regarding absenteeism, and tutoring

**Plan of Action Timeline:** One year

**Who is responsible for carrying out the Plan of Action?:** Instructor of Record

**How will you determine if the Plan of Action has been effective?:** By meeting criteria for success

**Additional Resources Required (if any):**

**Budget request amount:** \$5,000.00

**Priority:** Medium

**Status** for Early Intervention in regards to absenteeism

*No Status Added*

**Status Summary**

*No text specified*

**Summary of Next Steps**

*No text specified*



## 2013-2014 Assessment Cycle

### Measurements

#### Outcomes and Measures

#### HSMTH 168 Geometry B Outcome Set

##### Outcome

###### Outcome 1

Demonstrate knowledge of right triangles and trigonometry.

▼ **Measure:** Geometry B SLO 1  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** In both programs: with a minimum score of 60%

**Cycle of Assessment:** Every semester

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

###### Outcome 2

Demonstrate knowledge of surface area and volume.

▼ **Measure:** Geometry B SLO 2  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** In both programs: with a minimum score of 60%

**Cycle of Assessment:** Every semester

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

### Findings

#### Finding per Measure

#### HSMTH 168 Geometry B Outcome Set

##### Outcome

###### Outcome 1

Demonstrate knowledge of right triangles and trigonometry.

▼ **Measure:** Geometry B SLO 1  
Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** In both programs: with a minimum score of 60%

**Cycle of Assessment:** Every semester

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

### Findings for Geometry B SLO 1

**Summary of Findings:** In the Adult High School Diploma Program (AHSDP): 62 students took the tests and passed.

In the Bridge Program: One section of this course participated in the assessment. There were a total of 37 students enrolled in the course during the Spring 2014 term. A total of 20 students achieved at least a 60%.

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

**Analysis of Findings:** In the AHSDP: students are achieving the outcome.

In the Bridge Program: of the 37 students who were assessed, 54% met the goal.

**Recommendations:**

## Outcome 2

Demonstrate knowledge of surface area and volume.

### Measure: Geometry B SLO 2 Course level; Direct - Exam

**Description of Measurement Tool:** In the Adult High School Diploma Program (AHSDP): pass corresponding test.

In the Bridge Program: pass the corresponding unit test.

**Criteria for Success: Individual & Collective Student Criterion:** In both programs: with a minimum score of 60%

**Cycle of Assessment:** Every semester

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

### Findings for Geometry B SLO 2

**Summary of Findings:** In the Adult High School Diploma Program (AHSDP): 62 students took the tests and passed.

In the Bridge Program: One section of this course participated in the assessment. There were a total of 37 students enrolled in the course during the Spring 2014 term. A total of 26 students achieved at least a 60%.

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

**Analysis of Findings:** In the AHSDP: students are achieving the outcome.

In the Bridge Program: of the 37 students who were assessed, 70% met the goal.

**Recommendations:**

## Overall Recommendations

*No text specified*

 **Plans of Action**

 **Status Reports**

## 2012-2013 Assessment Cycle

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 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**