

# **Course Student Learning Outcomes Assessment**

**HSMTH 166 Algebra 2B**

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

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# Standing Requirements

## Course Description

Provides students with a course of study that includes: exponential and logarithmic functions; rational equations and functions; quadratic relations and conic sections; sequences and series; probability and statistics; trigonometric ratios and functions; trigonometric graphs.

## Course Student Learning Outcomes

### HSMTH 166 Algebra 2B Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Demonstrate knowledge of rational equations and functions.	<b>Institutional Student Learning Outcomes:</b> Learn 1, Think 1
Outcome 2 Demonstrate knowledge of probability and statistics.	<b>Institutional Student Learning Outcomes:</b> Learn 1, Think 1

## 2014-2015 Assessment Cycle

### Measurements

#### Outcomes and Measures

#### HSMTH 166 Algebra 2B Outcome Set

##### Outcome

###### Outcome 1

Demonstrate knowledge of rational equations and functions.

▼ **Measure:** Algebra 2B SLO 1  
Course level; Direct - Exam

**Description of Measurement Tool:** Pass unit 2 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 probability and statistics.

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

**Description of Measurement Tool:** Pass unit 4 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 166 Algebra 2B Outcome Set

##### Outcome

###### Outcome 1

Demonstrate knowledge of rational equations and functions.

▼ **Measure:** Algebra 2B SLO 1  
Course level; Direct - Exam

**Description of Measurement Tool:** Pass unit 2 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 Algebra 2B SLO 1

**Summary of Findings:** 15 students enrolled in the course, 8 passed the exam  
**Results:** Criteria for Success Achievement Status: Not Met  
**Analysis of Findings:** Students are not meeting criteria for success  
**Recommendations:** Early intervention regarding absenteeism, and tutoring

**This Findings is associated with the following Actions:**

**Early Intervention**  
 (Plans of Action; 2014-2015 Assessment Cycle)  
**Early Intervention in regards to absenteeism**  
 (Plans of Action; 2014-2015 Assessment Cycle)

**Outcome 2**

Demonstrate knowledge of probability and statistics.

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

**Description of Measurement Tool:** Pass unit 4 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 Algebra 2B SLO 2**

**Summary of Findings:** 15 student enrolled in the course, 7 students passed the course  
**Results:** Criteria for Success Achievement Status: Not Met  
**Analysis of Findings:** Students are not meeting the criteria for success  
**Recommendations:** Early intervention regarding absenteeism, and tutoring

**This Findings is associated with the following Actions:**

**Early Intervention**  
 (Plans of Action; 2014-2015 Assessment Cycle)

**Overall Recommendations**

*No text specified*

 **Plans of Action**

**Actions**

**HSMTH 166 Algebra 2B Outcome Set**

**Outcome**

**Outcome 1**

Demonstrate knowledge of rational equations and functions.

▼ **Action:** Early Intervention

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

**Findings for Algebra 2B SLO 1**  
 (Measurements and Findings; 2014-2015 Assessment Cycle)

**Summary of Findings:** 15 students enrolled in the course, 8 passed the exam

**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 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:** Low

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

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

**Findings for Algebra 2B SLO 1**

(Measurements and Findings; 2014-2015 Assessment Cycle)

**Summary of Findings:** 15 students enrolled in the course, 8 passed the exam

**Details of Plan of Action:**

**Plan of Action Timeline:**

**Who is responsible for carrying out the Plan of Action?:** Teacher of record

**How will you determine if the Plan of Action has been effective?:**

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

**Budget request amount:** \$0.00

**Priority:** Medium

**Outcome 2**

Demonstrate knowledge of probability and statistics.

▼ **Action:** Early Intervention

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

**Findings for Algebra 2B SLO 2**

(Measurements and Findings; 2014-2015 Assessment Cycle)

**Summary of Findings:** 15 student enrolled in the course, 7 students passed the course

**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?:** Teacher 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 Reports****Action Statuses****HSMTH 166 Algebra 2B Outcome Set****Outcome****Outcome 1**

Demonstrate knowledge of rational equations and functions.

**▼ Action:** Early Intervention**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 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:** Low**Status** for Early Intervention*No Status Added***▼ Action:** Early Intervention in regards to absenteeism**Details of Plan of Action:****Plan of Action Timeline:****Who is responsible for carrying out the Plan of Action?:** Teacher of record**How will you determine if the Plan of Action has been effective?:****Additional Resources Required (if any):****Budget request amount:** \$0.00**Priority:** Medium**Status** for Early Intervention in regards to absenteeism



*No Status Added*

**Outcome 2**

Demonstrate knowledge of probability and statistics.

▼ **Action: Early Intervention**

**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?:** Teacher 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*

**Status Summary**

*No text specified*

**Summary of Next Steps**

*No text specified*

## 2013-2014 Assessment Cycle

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 **Plans of Action**

 **Status Reports**

## 2012-2013 Assessment Cycle

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 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**