

Course Student Learning Outcomes Assessment

HSMTH 101 AP Calculus Preparation 1A

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General Information (Course Student Learning Outcomes Assessment)

Standing Requirements

Course Description

Prepares students to take the Mathematics Advanced Placement Examination-BC level. Colleges and universities may give advanced placement and/or college credit based on the results of the AP examination. Areas of study include: functions limits continuity and derivative series. The graphing calculator is used extensively in the course and on the AP examinations.

Course Student Learning Outcomes

HSMTH 101 AP Calculus Preparation 1A Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Demonstrate knowledge of functions, graphs and limits.	Institutional Student Learning Outcomes: Learn 1, Think 1
Outcome 2 Demonstrate knowledge of the application of derivatives.	Institutional Student Learning Outcomes: Learn 1, Think 1

2014-2015 Assessment Cycle

Measurements

Outcomes and Measures

HSMTH 101 AP Calculus Preparation 1A Outcome Set

Outcome

Outcome 1

Demonstrate knowledge of functions, graphs and limits.

▼ **Measure:** AP Calculus Preparation 1A SLO 1
Course level; Direct - Exam

Description of Measurement Tool: Pass the corresponding closed-book test

Criteria for Success: Individual & Collective Student Criterion: With a minimum score of 60%

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Instructor of record

Outcome 2

Demonstrate knowledge of the application of derivatives.

▼ **Measure:** AP Calculus Preparation 1A SLO 2
Course level; Direct - Exam

Description of Measurement Tool: Pass the corresponding closed-book test

Criteria for Success: Individual & Collective Student Criterion: With a minimum score of 60%

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Instructor of record

Findings

Finding per Measure

HSMTH 101 AP Calculus Preparation 1A Outcome Set

Outcome

Outcome 1

Demonstrate knowledge of functions, graphs and limits.

▼ **Measure:** AP Calculus Preparation 1A SLO 1
Course level; Direct - Exam

Description of Measurement Tool: Pass the corresponding closed-book test

Criteria for Success: Individual & Collective Student Criterion: With a minimum score of 60%

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Instructor of record

Findings for AP Calculus Preparation 1A SLO 1

Summary of Findings: 28 students enrolled in the course, 27 students passed the exam

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: Students are achieving the outcome.

Recommendations: Status quo

Outcome 2

Demonstrate knowledge of the application of derivatives.

▼ **Measure:** AP Calculus Preparation 1A SLO 2
Course level; Direct - Exam

Description of Measurement Tool: Pass the corresponding closed-book test

Criteria for Success: Individual & Collective Student Criterion: With a minimum score of 60%

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Instructor of record

Findings for AP Calculus Preparation 1A SLO 2

Summary of Findings: 28 students enrolled in the course, 28 students passed the exam

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: Students are achieving the outcome.

Recommendations: Status quo

Overall Recommendations

No text specified

 **Plans of Action**

 **Status Reports**

2013-2014 Assessment Cycle

 **Plans of Action**

 **Status Reports**

2012-2013 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**