



ACCREDITATION EVIDENCE

Title: MATH Assessment SPOL Report

Evidence Type: Corroborating

Date: AY2022

WAN: 22-0447

Classification: Report

PII: No

Redacted: No



Program Detail Report

Mathematics

Program Description

Mission Statement

Student Learning Outcomes

Target	Actual Result	Difference Score
70.00%	62.45%	-7.55%

OUTCOMES

SLO 1 - Students will demonstrate proficiency in mathematical skills, concepts and logic

Students will demonstrate proficiency in mathematical skills, concepts and logic

Status	Target	Actual Result	Difference Score
Planning Stage	70.00%	35.71%	-34.29%

MEASURES

1 - MATH 1100: One Common Exam Question

One Common Exam Question

Measure Type	Target	Actual Result	Difference Score
N/A	70.00%	35.71%	-34.29%

CRITERIA

1 - MATH 1100: One Common Exam Question

70% of students will score 70% or higher

Criteria Type	Target	Actual Result	Difference Score
Benchmark	70.00%	35.71%	-34.29%
Numeric Type:Percent	Target Value:70.00%	Actual Value:35.71%	Difference Value:-34.29%
Sample Size:28	Met:10.00	Not Met:18	% Met:35.71%

FINDINGS

Date: 5/10/2022

Course: NMBR & OPERTNS ELEM SCHL TC

Class:2021 FALL-5041-WF--Newberg, Charles

Measure Type	Target	Actual Result	Difference Score
N/A	70.00%	35.71%	-34.29%
Numeric Type:Percent	Target Value:70.00%	Actual Value:35.71%	Difference Value: -34.29%
Numeric Type:Percent	Target Value:10	Actual Value:18	Difference Value: 35.71%

Program Detail Report

OUTCOMES

SLO 2 - mathematical methods

Students will use mathematical methods to solve applied problems and clearly communicate problem solutions or logical explanations

Status	Target	Actual Result	Difference Score
Planning Stage	70.00%	70.61%	0.61%

MEASURES

1 - MATH 1400: One Common Exam Question

One Common Exam Question

Measure Type	Target	Actual Result	Difference Score
N/A	70.00%	70.61%	0.61%

CRITERIA

1 - MATH 1400: One Common Exam Question

70% of student score 70% or higher

Criteria Type	Target	Actual Result	Difference Score
Benchmark	70.00%	70.61%	0.61%
Numeric Type:Percent	Target Value:70.00%	Actual Value:70.61%	Difference Value:0.61%
Sample Size:228	Met:161.00	Not Met:67	% Met:70.61%

FINDINGS

Date: 5/10/2022

Course: COLLEGE ALGEBRA

Class:2021 FALL-5043-MWF--Newberg, Charles

Measure Type	Target	Actual Result	Difference Score
N/A	70.00%	70.61%	0.61%
Numeric Type:Percent	Target Value:70.00%	Actual Value:70.61%	Difference Value: 0.61%
Numeric Type:Percent	Target Value:161	Actual Value:67	Difference Value: 70.61%

OUTCOMES

SLO 3 - Use appropriate technology to solve math problems and/or to improve conceptual understanding

Students will use appropriate technology to solve math problems and/or improve conceptual understanding

Status	Target	Actual Result	Difference Score
Planning Stage	70.00%	81.03%	11.03%

MEASURES

1 - MATH 1000

One common exam question

Program Detail Report

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	81.03%	11.03%

CRITERIA

1 - Use Technology

70% score a 70% or better

Criteria Type	Target	Actual Result	Difference Score
Benchmark	70.00%	81.03%	11.03%
Numeric Type:Percent	Target Value:70.00%	Actual Value:81.03%	Difference Value:11.03%
Sample Size:58	Met:47.00	Not Met:11	% Met:81.03%

FINDINGS

Date: 5/10/2022 Course: PROBLEM SOLVING
 Class:2021 FALL-5037-MWF--Kourbelas, Neil

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	81.03%	11.03%
Numeric Type:Percent	Target Value:70.00%	Actual Value:81.03%	Difference Value: 11.03%
Numeric Type:Percent	Target Value:47	Actual Value:11	Difference Value: 81.03%

MEASURES

2 - STAT 2050

One common exam question

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	%	%

CRITERIA

1 - Use appropriate technology

Exam

Criteria Type	Target	Actual Result	Difference Score
Benchmark	70.00%	80.00%	10.00%
Numeric Type:Percent	Target Value:70.00%	Actual Value:80.00%	Difference Value:10.00%
Sample Size:0	Met:0.00	Not Met:0	% Met:80.00%

FINDINGS

Date: 5/10/2022 Course: FUNDAMENTALS OF STATISTICS
 Class:2021 FALL-5279-0--Skropanic, Dragan

Program Detail Report

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	80.00%	10.00%
Numeric Type:Percent	Target Value:70.00%	Actual Value:80.00%	Difference Value: 10.00%
Numeric Type:Percent	Target Value:0	Actual Value:0	Difference Value: 80%

Program Members

Marcy, Joshua

Courses

Course Title	Sequence
MATH_0720 - ALGEBRA SKILLS I	1
MATH_0760 - ALGEBRA SKILLS II	2
MATH_0900 - PRE-ALGEBRA ARITHMETIC	3
MATH_0920 - BEGINNING ALGEBRA	4
MATH_0921 - BEG ALG WRKSHP	5
MATH_0930 - INTERMEDIATE ALGEBRA	6
MATH_0931 - INT ALG WRKSHP	7
MATH_1000 - PROBLEM SOLVING	8
MATH_1100 - NMBR & OPERTNS ELEM SCHL TC	9
MATH_1400 - COLLEGE ALGEBRA	10
MATH_1405 - TRIGONOMETRY	11
MATH_2120 - GEOMETRY & MSRMNT ELEM SCH TC	12
MATH_2200 - CALCULUS I	13
MATH_2205 - CALCULUS II	14
MATH_2210 - CALCULUS III	15
MATH_2250 - ELEM LINEAR ALGEBRA	16
MATH_2350 - BUSINESS CALCULUS I	17
MATH_2800 - MATHEMATICS SEMINAR	18
STAT_2010 - BUSINESS STATISTICS	19
STAT_2050 - FUNDAMENTALS OF STATISTICS	20

Program Goals

No Program Goals to Display

Planning Units

No Planning Units to Display

Associated Objectives

No Objectives to Display

Associated Standards

- No Standards to Display