ACCREDITATION EVIDENCE

Title: Computer Science Program Previous and Revised Outcomes. Previous Outcomes are from AY2019, Revised Outcomes are form AY2022

Evidence Type: Corroborating

Date: 25 September 2022

WAN: 22-0449

Classification: Report

PII: No   **Redacted:** No

Program Detail Report

Computer Science

Program Description

Computer Science involves design and innovation developed from computing principles. This two-year curriculum focuses on the theoretical foundations of computing, algorithms, and programming techniques, as applied to operating systems, artificial intelligence, informatics and the like. Upon graduation, students should be prepared to transfer to a four-year curriculum. Students initiating careers as computer scientists should be prepared to work in a broad range of positions involving tasks from theoretical work to software development.

Mission Statement

The Computer Science Program strives for excellence in teaching, endeavors to offer students a curriculum grounded in the fundamental principles and practices of computer science, and specifically aspires to:

1. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning
2. Educate students in the best practices of the field as well as integrate the latest research into the curriculum
3. Foster the development of problem solving and communication skills as an integral component of the profession
4. Provide quality learning experiences through effective pedagogical practices, active learning styles of teaching, and opportunities for meaningful interactions between students, faculty, and community partners
5. Instill a high degree of professionalism and a clear understanding of ethical and legal issues in computer science

Student Learning Outcomes

Target	Actual Result	Difference Score
75.00%	%	%

Program Detail Report

SLO 1 - Communicate Competently

Students will communicate competently in the CS field, using appropriate language and terminology.

Status	Target	Actual Result	Difference Score
Planning Stage	75.00%	%	%

MEASURES

1 - COSC 1010 Intro to CS: Terminology exam in subject matter.

Terminology exam in subject matter.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1010 Intro to CS: Terminology exam in subject matter.

Student average scores will be 75% or greater on a 20-point exam.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

MEASURES

2 - COSC 1010 Intro to CS: Participation in Group Discussions

Participation in Group Discussions

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1010 Intro to CS: Participation in Group Discussions

Student average scores will be 75% or greater on a 40-point rubric in each discussion and writing.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

OUTCOMES

SLO 2 - Solve Problems

Students will demonstrate effective and ethical use of current technology and terminology appropriate to the CS field.

Program Detail Report

Status	Target	Actual Result	Difference Score
Planning Stage	75.00%	%	%

MEASURES

1 - COSC 1010 Intro to CS: Computer Science concept exam results

Computer Science concept exam results. Students complete 20 point Computer Science concept exams. The average of these exams will be benchmarked.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1010 Intro to CS: Computer Science concept exam results

75% of students will score 80% or better on each concept exam.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

MEASURES

2 - COSC 1010 Intro to CS: Demonstration of computer programming projects

Demonstration of computer programming projects. Students complete 50 point computer programming projects each week and are evaluated using the below rubric.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1010 Intro to CS: Demonstration of computer programming projects

Students will reach 75% on each programming project with the ideal target of 80%. 75% percent of students are anticipated to reach the ideal target.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

MEASURES

4 - COSC 1030 CS I: Demonstration of computer programming projects

Demonstration of computer programming projects. Students complete 50 point computer programming projects each week and are evaluated using the below rubric.

Measure Type	Target	Actual Result	Difference Score

N/A	75.00%	%	%

1 - COSC 1030 CS I: Demonstration of computer programming projects

Students will reach 75% on each programing projects with the ideal target of 80%. 75% percent of students are anticipated to reach the ideal target.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

OUTCOMES

SLO 3 - Develop Life Skills

Students will demonstrate general knowledge of computer systems including using various programming languages to design, document, and implement programs.

Status	Target	Actual Result	Difference Score
Planning Stage	75.00%	%	%

MEASURES

1 - COSC 1010 Intro to CS: Demonstration of programming projects

Demonstration of programming projects. Students are required to complete program challenge projects which are graded using the below rubric. Evaluate midterm project.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1010 Intro to CS: Demonstration of programming projects

Students will reach an average score of 75% on the midterm program challenge project. Ideal target would be students would reach an average of 80%.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

MEASURES

2 - COSC 1010 Intro to CS: Demonstration of programming projects

Demonstration of programming projects. Students are required to complete program challenge projects which are graded using the below rubric. Evaluate final project.

Measure Type	Target	Actual Result	Difference Score

N/A	75.00%	%	%

<table>
<tr><td colspan="4">**CRITERIA**</td></tr>
<tr><td colspan="4">1 - COSC 1010 Intro to CS: Demonstration of programming projects</td></tr>
<tr><td colspan="4">Students will reach an average score of 75% on the 100-point midterm program challenge project. Ideal target would be students would reach an average of 80%.</td></tr>
<tr><td>**Criteria Type**</td><td>**Target**</td><td>**Actual Result**</td><td>**Difference Score**</td></tr>
<tr><td>Benchmark</td><td>75.00%</td><td>%</td><td>%</td></tr>
<tr><td>Numeric Type:Percent</td><td>Target Value:75.00%</td><td>Actual Value:%</td><td>Difference Value:%</td></tr>
<tr><td>Sample Size:0</td><td>Met:0.00</td><td>Not Met:0</td><td>% Met:%</td></tr>
</table>

FINDINGS

MEASURES

3 - COSC 1030 CS I: Demonstration of programming projects

Demonstration of programming projects. Students are required to complete program challenge projects which are graded using the below rubric. Evaluate midterm project.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

<table>
<tr><td colspan="4">**CRITERIA**</td></tr>
<tr><td colspan="4">1 - COSC 1030 CS I: Demonstration of programming projects</td></tr>
<tr><td colspan="4">Students will reach an average score of 75% on the 100-point midterm program challenge project. Ideal target would be students would reach an average of 80%.</td></tr>
<tr><td>**Criteria Type**</td><td>**Target**</td><td>**Actual Result**</td><td>**Difference Score**</td></tr>
<tr><td>Benchmark</td><td>75.00%</td><td>%</td><td>%</td></tr>
<tr><td>Numeric Type:Percent</td><td>Target Value:75.00%</td><td>Actual Value:%</td><td>Difference Value:%</td></tr>
<tr><td>Sample Size:0</td><td>Met:0.00</td><td>Not Met:0</td><td>% Met:%</td></tr>
</table>

FINDINGS

MEASURES

4 - COSC 1030 CS I: Demonstration of programming projects

Demonstration of programming projects. Students are required to complete program challenge projects which are graded using the below rubric. Evaluate final project.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1030 CS I: Demonstration of programming projects

Students will reach an average score of 75% on the 100-point midterm program challenge project. Ideal target would be students would reach an average of 80%.

Criteria Type	Target	Actual Result	Difference Score

Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

OUTCOMES

SLO 4 - Develop Life Skills and Solve Problems

Program Detail Report

Web development students will plan, design, develop, and maintain interactive dynamic Internet web pages using web authoring tools and scripting languages.

Program Detail Report

Status	Target	Actual Result	Difference Score

Program Detail Report

SLO 4 - Develop Life Skills and Solve Problems

Web development students will plan, design, develop, and maintain interactive dynamic Internet web pages using web authoring tools and scripting languages.

Status	Target	Actual Result	Difference Score
Planning Stage	75.00%	%	%

MEASURES

1 - COSC 1350 Web Dev I: Students will complete their own website with the skills they have learned throughout the course

Students will complete their own website with the skills they have learned throughout the course. 50 point assignments (total of 7) is used to determine if this assessment is met.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 1350 Web Dev I: Students will complete their own website with the skills they have learned throughout the course

COSC 1350 (Spr 2018) Students will reach an average score of 75% on 7 - 50 point weekly website assignments. Ideal target would be students would reach an average of 80%.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

MEASURES

2 - COSC 2350 Web Dev II: Students will complete a project website with the skills they have learned throughout the course

Students will complete a project website with the skills they have learned throughout the course. 50 point weekly website assignment is used to determine if this assessment is met.

Measure Type	Target	Actual Result	Difference Score
N/A	75.00%	%	%

CRITERIA

1 - COSC 2350 Web Dev II: Students will complete a project website with the skills they have learned throughout the course

COSC 2350 (Fall 2017) Students will reach an average score of 75% on the 50 point weekly website assignments. Ideal target would be students would reach an average of 80%.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	75.00%	%	%
Numeric Type:Percent	Target Value:75.00%	Actual Value:%	Difference Value:%
Sample Size:0	Met:0.00	Not Met:0	% Met:%

FINDINGS

Program Detail Report

Program Members
Robertson, Tammy

Courses

Course Title	Sequence
COSC_1010 - INTRO TO COMPUTER SCIENCE I	1
COSC_1030 - COMPUTER SCIENCE I	2
COSC_2030 - COMP SCIENCE II	3
COSC_2300 - DISCRETE STRUCTURES	4
COSC_1350 - WEB DEVELOPMENT I	5
COSC_2350 - WEB DEVELOPMENT II	6
COSC_2409 - TOPICS	7
COSC_2490 - PROGRAMMING:	8
COSC_2360 - WEB PAGE DYNAMICS & SCRIPTING	9
COSC_2800 - COMP SCI PORTFOLIO/CAPSTN	10
IMGT_2400 - INTRO TO INFO MANAGMENT	11
COSC_1200 - COMPUTER INFO SYSTEMS	12
COSC_1360 - PC SUPPORT TECHNICIAN:	13
COSC_2470 - INTERNSHIP: COMPUTER SCI	14
MATH_2300 - DISCRETE STRUCTURES	15
COSC_1100 - COMPUTER SCI PRINCPL & PRACTC	16
COSC_2465 - DIRECTED STUDY: COMP SCIENCE	17

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

Program Detail Report

Computer Science

Program Description

Computer Science involves design and innovation developed from computing principles. This two-year curriculum focuses on the theoretical foundations of computing, algorithms, and programming techniques, as applied to operating systems, artificial intelligence, informatics and the like. Upon graduation, students should be prepared to transfer to a four-year curriculum. Students initiating careers as computer scientists should be prepared to work in a broad range of positions involving tasks from theoretical work to software development.

Mission Statement

The Computer Science Program strives for excellence in teaching, endeavors to offer students a curriculum grounded in the fundamental principles and practices of computer science, and specifically aspires to:

1. Prepare students for full and ethical participation in a diverse society and encourage lifelong learning
2. Educate students in the best practices of the field as well as integrate the latest research into the curriculum
3. Foster the development of problem solving and communication skills as an integral component of the profession
4. Provide quality learning experiences through effective pedagogical practices, active learning styles of teaching, and opportunities for meaningful interactions between students, faculty, and community partners
5. Instill a high degree of professionalism and a clear understanding of ethical and legal issues in computer science

Program Learning Outcomes

Target	Actual Result	Difference Score
73.00%	87.73%	14.73%

OUTCOMES

PLO1 - Computer Science Fundamentals, Common Themes, and Principles.

Students will develop a technical understanding of computer science fundamentals, common themes, and principles.

Status	Target	Actual Result	Difference Score
Data Collection Stage	81.67%	75.87%	-5.80%

MEASURES

1 - COSC 1010 Final Exam Part 2

The final exam administered in COSC 1010. Students will be measured on part 2 of a two-part exam.

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	91.25%	21.25%

CRITERIA

1 - 70% of students score 70% or higher.

70% of students score 70% or higher.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	70.00%	91.25%	19.47%
Numeric Type:Percent	Target Value:70.00%	Actual Value:91.25%	Difference Value:19.47%
Sample Size:38	Met:34.00	Not Met:4	% Met:91.25%

Program Detail Report

FINDINGS			

Date: 5/10/2022 Course: INTRO TO COMPUTER SCIENCE I

Class:2022 SPRING-6375-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	87.50%	17.50%
Numeric Type:Percent	Target Value:70.00%	Actual Value:87.50%	Difference Value: 17.50%
Numeric Type:Percent	Target Value:14	Actual Value:2	Difference Value: 87.5%

Date: 3/1/2022 Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-4732-0--Robertson, Tammy

Three students did not complete the assignment.

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	90.00%	20.00%
Numeric Type:Percent	Target Value:70.00%	Actual Value:90.00%	Difference Value: 20.00%
Numeric Type:Percent	Target Value:9	Actual Value:1	Difference Value: 90%

Date: 3/1/2022 Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-4733-0--Robertson, Tammy

Three students did not complete this assignment.

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	87.50%	17.50%
Numeric Type:Percent	Target Value:70.00%	Actual Value:87.50%	Difference Value: 17.50%
Numeric Type:Percent	Target Value:7	Actual Value:1	Difference Value: 87.5%

Date: 3/1/2022 Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-6953-0--Robertson, Tammy

One student did not complete this assignment.

Measure Type	Target	Actual Result	Difference Score
Exam	70.00%	100.00%	30.00%
Numeric Type:Percent	Target Value:70.00%	Actual Value:100.00%	Difference Value: 30.00%
Numeric Type:Percent	Target Value:4	Actual Value:0	Difference Value: 100%

MEASURES

2 - COSC 2300 Final Exam

COSC 2300 Final Exam

Program Detail Report

Measure Type	Target	Actual Result	Difference Score
Exam	85.00%	36.36%	-48.64%

CRITERIA

1 - 85% of students get 75% or better

85% of students get 75% or better

Criteria Type	Target	Actual Result	Difference Score
Benchmark	85.00%	36.36%	-48.64%
Numeric Type:Percent	Target Value:85.00%	Actual Value:36.36%	Difference Value:-48.64%
Sample Size:11	Met:4.00	Not Met:7.0004	% Met:36.36%

FINDINGS

Date: 5/10/2022   Course: DISCRETE STRUCTURES

Class:2022 SPRING-7162-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Exam	85.00%	36.36%	-48.64%
Numeric Type:Percent	Target Value:85.00%	Actual Value:36.36%	Difference Value: -48.64%
Numeric Type:Percent	Target Value:4	Actual Value:7	Difference Value: 36.36%

MEASURES

3 - COSC 2800 Lesson Plans

COSC 2800 Lesson Plans. State standards.

Measure Type	Target	Actual Result	Difference Score
Lesson Plans	90.00%	100.00%	10.00%

CRITERIA

1 - 90% of students get 90% or higher

90% of students get 90% or higher

Criteria Type	Target	Actual Result	Difference Score
Benchmark	90.00%	100.00%	10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:100.00%	Difference Value:10.00%
Sample Size:5	Met:5.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/5/2022   Course: COMP SCI PORTFOLIO/CAPSTN

Class:2022 SPRING-6383-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Lesson Plans	90.00%	100.00%	10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:100.00%	Difference Value: 10.00%
Numeric Type:Percent	Target Value:5	Actual Value:0	Difference Value: 100%

OUTCOMES

PLO2 - Problem-Solving Skills

Students will apply problem-solving skills.

Status	Target	Actual Result	Difference Score
Data Collection Stage	65.00%	89.26%	24.26%

MEASURES

1 - COSC 1010 Programming Challenges

Average summative assessment of all programming challenges.

Measure Type	Target	Actual Result	Difference Score
Project	50.00%	78.52%	28.52%

CRITERIA

1 - 50% will average a C or better by the end of the term

50% will average a C or better by the end of the term.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	50.00%	78.52%	25.00%
Numeric Type:Percent	Target Value:50.00%	Actual Value:78.52%	Difference Value:25.00%
Sample Size:44	Met:33.00	Not Met:10.9992	% Met:78.52%

FINDINGS

Date: 5/10/2022   Course: INTRO TO COMPUTER SCIENCE I

Class:2022 SPRING-6375-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Project	50.00%	87.50%	37.50%
Numeric Type:Percent	Target Value:50.00%	Actual Value:87.50%	Difference Value: 37.50%
Numeric Type:Percent	Target Value:14	Actual Value:2	Difference Value: 87.5%

Date: 3/1/2022   Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-4732-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score

Project	50.00%	53.85%	3.85%
Numeric Type:Percent	Target Value:50.00%	Actual Value:53.85%	Difference Value: 3.85%
Numeric Type:Percent	Target Value:7	Actual Value:6	Difference Value: 53.85%

Date: 3/1/2022   Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-4733-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Project	50.00%	72.73%	22.73%
Numeric Type:Percent	Target Value:50.00%	Actual Value:72.73%	Difference Value: 22.73%
Numeric Type:Percent	Target Value:8	Actual Value:3	Difference Value: 72.73%

Date: 3/1/2022   Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-6953-0--Robertson, Tammy

One student (out of 5) did not complete any programming challenges.

Measure Type	Target	Actual Result	Difference Score
Project	50.00%	100.00%	50.00%
Numeric Type:Percent	Target Value:50.00%	Actual Value:100.00%	Difference Value: 50.00%
Numeric Type:Percent	Target Value:4	Actual Value:0	Difference Value: 100%

MEASURES

2 - COSC 2030 Programming Challenges

Summative average of programming challenges.

Measure Type	Target	Actual Result	Difference Score
Project	80.00%	100.00%	20.00%

CRITERIA

1 - 80% of students will average 75% or higher by the end of the term

80% of students will average 75% or higher by the end of the term

Criteria Type	Target	Actual Result	Difference Score
Benchmark	80.00%	100.00%	20.00%
Numeric Type:Percent	Target Value:80.00%	Actual Value:100.00%	Difference Value:20.00%
Sample Size:2	Met:2.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022   Course: COMP SCIENCE II

Class:2022 SPRING-7429-0--Robertson, Tammy

Program Detail Report

Measure Type	Target	Actual Result	Difference Score
Project	80.00%	100.00%	20.00%
Numeric Type:Percent	Target Value:80.00%	Actual Value:100.00%	Difference Value: 20.00%
Numeric Type:Percent	Target Value:2	Actual Value:0	Difference Value: 100%

OUTCOMES

PLO3 - Communication and Organization Skills

Students will demonstrate communication and organization skills in the computer science field.

Status	Target	Actual Result	Difference Score
Planning Stage	66.67%	85.36%	18.69%

MEASURES

1 - COSC 1010 Discussion Boards

COSC 1010 Average score of discussion boards.

Measure Type	Target	Actual Result	Difference Score
Discussion Boards	90.00%	56.07%	-33.93%

CRITERIA

1 - In all sections of COSC 1010 Students will average 90% or higher on discussion boards

In all sections of COSC 1010 Students will average 90% or higher on discussion boards

Criteria Type	Target	Actual Result	Difference Score
Benchmark	90.00%	56.07%	-42.38%
Numeric Type:Percent	Target Value:90.00%	Actual Value:56.07%	Difference Value:-42.38%
Sample Size:42	Met:20.00	Not Met:22.0004	% Met:56.07%

FINDINGS

Date: 5/10/2022	Course: INTRO TO COMPUTER SCIENCE I		
	Class:2022 SPRING-6375-0--Robertson, Tammy		

In addition to the five students who did not finish the semester, two of the students simply did not participate in discussions; therefore, they were excluded from the count.

Measure Type	Target	Actual Result	Difference Score
Discussion Boards	90.00%	57.14%	-32.86%
Numeric Type:Percent	Target Value:90.00%	Actual Value:57.14%	Difference Value: -32.86%
Numeric Type:Percent	Target Value:8	Actual Value:6	Difference Value: 57.14%

Date: 3/2/2022	Course: INTRO TO COMPUTER SCIENCE I		
	Class:2021 FALL-4732-0--Robertson, Tammy		

Many students would just not do their weekly discussions.

Measure Type	Target	Actual Result	Difference Score

	Discussion Boards	90.00%	30.77%	-59.23%
	Numeric Type:Percent	Target Value:90.00%	Actual Value:30.77%	Difference Value: -59.23%
	Numeric Type:Percent	Target Value:4	Actual Value:9	Difference Value: 30.77%

Date: 3/2/2022 Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-4733-0--Robertson, Tammy

Many students would just not do their weekly discussions.

Measure Type	Target	Actual Result	Difference Score
Discussion Boards	90.00%	36.36%	-53.64%
Numeric Type:Percent	Target Value:90.00%	Actual Value:36.36%	Difference Value: -53.64%
Numeric Type:Percent	Target Value:4	Actual Value:7	Difference Value: 36.36%

Date: 3/2/2022 Course: INTRO TO COMPUTER SCIENCE I

Class:2021 FALL-6953-0--Robertson, Tammy

One student did not complete any discussions.

Measure Type	Target	Actual Result	Difference Score
Discussion Boards	90.00%	100.00%	10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:100.00%	Difference Value: 10.00%
Numeric Type:Percent	Target Value:4	Actual Value:0	Difference Value: 100%

MEASURES

2 - COSC 2030 Group Project

COSC 2030 Group Project

Measure Type	Target	Actual Result	Difference Score
Project	10.00%	100.00%	90.00%

CRITERIA

1 - COSC 2030 Group Project Rating

COSC 2030 Group Project Rating 10/10

Criteria Type	Target	Actual Result	Difference Score
Benchmark	10.00%	100.00%	90.00%
Numeric Type:Percent	Target Value:10.00%	Actual Value:100.00%	Difference Value:90.00%
Sample Size:2	Met:2.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022 Course: COMP SCIENCE II

Class:2022 SPRING-7429-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Project	10.00%	100.00%	90.00%
Numeric Type:Percent	Target Value:10.00%	Actual Value:100.00%	Difference Value: 90.00%
Numeric Type:Percent	Target Value:2	Actual Value:0	Difference Value: 100%

MEASURES

3 - COSC 2800 Peer Review

COSC 2800 Peer Review Assignemnt

Measure Type	Target	Actual Result	Difference Score
Assignment	100.00%	100.00%	0.00%

CRITERIA

1 - Students achieve 100% on Peer Review Assignment

Students achieve 100% on Peer Review Assignment

Criteria Type	Target	Actual Result	Difference Score
Benchmark	100.00%	100.00%	0.00%
Numeric Type:Percent	Target Value:100.00%	Actual Value:100.00%	Difference Value:0.00%
Sample Size:5	Met:5.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022   Course: COMP SCI PORTFOLIO/CAPSTN

Class:2022 SPRING-6383-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Assignment	100.00%	100.00%	0.00%
Numeric Type:Percent	Target Value:100.00%	Actual Value:100.00%	Difference Value: 0.00%
Numeric Type:Percent	Target Value:5	Actual Value:0	Difference Value: 100%

OUTCOMES

PLO4 - Awareness of the Broad Applicability of Computing

Students will establish an awareness of the broad applicability of computing technologies.

Status	Target	Actual Result	Difference Score
Planning Stage	56.67%	93.33%	36.67%

MEASURES

1 - COSC 1100 Ethical Considerations Paper

COSC 1100 Ethical Considerations Paper

Measure Type	Target	Actual Result	Difference Score

Paper	10.00%	100.00%	90.00%

CRITERIA

1 - 70% of the students will successfully (70% or higher) describe five separate ethical concerns specific to tecnology.

70% of the students will successfully (70% or higher) describe five separate ethical concerns specific to tecnology.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	10.00%	100.00%	90.00%
Numeric Type:Percent	Target Value:10.00%	Actual Value:100.00%	Difference Value:90.00%
Sample Size:1	Met:1.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022 Course: COMPUTER SCI PRINCPL & PRACTC

Class:2022 SPRING-7428-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Paper	10.00%	100.00%	90.00%
Numeric Type:Percent	Target Value:10.00%	Actual Value:100.00%	Difference Value: 90.00%
Numeric Type:Percent	Target Value:1	Actual Value:0	Difference Value: 100%

MEASURES

2 - COSC 2800 Discussion Boards

COSC 2800 Discussion Boards

Measure Type	Target	Actual Result	Difference Score
Discussion Boards	90.00%	80.00%	-10.00%

CRITERIA

1 - Students will average 90% or better on discussion boards.

Students will average 90% or better on discussion boards.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	90.00%	80.00%	-10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:80.00%	Difference Value:-10.00%
Sample Size:5	Met:4.00	Not Met:1	% Met:80.00%

FINDINGS

Date: 5/10/2022 Course: COMP SCI PORTFOLIO/CAPSTN

Class:2022 SPRING-6383-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score

Discussion Boards	90.00%	80.00%	-10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:80.00%	Difference Value: -10.00%
Numeric Type:Percent	Target Value:4	Actual Value:1	Difference Value: 80%

MEASURES

3 - COSC 1010 Reflection

COSC 1010 Reflection paper.

Measure Type	Target	Actual Result	Difference Score
Paper	70.00%	100.00%	30.00%

CRITERIA

1 - 70% of the students will be able to successfully (70% or higher) identify five concepts from the course that has had the biggst impact on them and how they play to apply this knowledge

70% of the students will be able to successfully (70% or higher) identify five concepts from the course that has had the biggst impact on them and how they play to apply this knowledge.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	70.00%	100.00%	30.00%
Numeric Type:Percent	Target Value:70.00%	Actual Value:100.00%	Difference Value:30.00%
Sample Size:11	Met:11.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022   Course: INTRO TO COMPUTER SCIENCE I

Class:2022 SPRING-6375-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Paper	70.00%	100.00%	30.00%
Numeric Type:Percent	Target Value:70.00%	Actual Value:100.00%	Difference Value: 30.00%
Numeric Type:Percent	Target Value:11	Actual Value:0	Difference Value: 100%

OUTCOMES

PLO5 - Appreciation of Domain-Specific Knowledge

Students will develop an appreciation of domain-specific knowledge and identify the competencies needed by computer science professionals.

Status	Target	Actual Result	Difference Score
Planning Stage	95.00%	100.00%	5.00%

MEASURES

1 - COSC 2030 Group Project

Working program produced by the group project.

Measure Type	Target	Actual Result	Difference Score

Project	90.00%	100.00%	10.00%

CRITERIA

1 - Students will score 90% or higher and produce a working program

Students will score 90% or higher and produce a working program

Criteria Type	Target	Actual Result	Difference Score
Benchmark	90.00%	100.00%	10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:100.00%	Difference Value:10.00%
Sample Size:2	Met:2.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022   Course: COMP SCIENCE II

Class:2022 SPRING-7429-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score
Project	90.00%	100.00%	10.00%
Numeric Type:Percent	Target Value:90.00%	Actual Value:100.00%	Difference Value: 10.00%
Numeric Type:Percent	Target Value:2	Actual Value:0	Difference Value: 100%

MEASURES

2 - COSC 2800 Lesson Plans

COSC 2800 Lesson Plans applied to classrooms.

Measure Type	Target	Actual Result	Difference Score
Lesson Plans	100.00%	100.00%	0.00%

CRITERIA

1 - Students will score 100% on their lesson plans.

Students will score 100% on their lesson plans.

Criteria Type	Target	Actual Result	Difference Score
Benchmark	100.00%	100.00%	0.00%
Numeric Type:Percent	Target Value:100.00%	Actual Value:100.00%	Difference Value:0.00%
Sample Size:5	Met:5.00	Not Met:0	% Met:100.00%

FINDINGS

Date: 5/10/2022   Course: COMP SCI PORTFOLIO/CAPSTN

Class:2022 SPRING-6383-0--Robertson, Tammy

Measure Type	Target	Actual Result	Difference Score

Program Detail Report

Lesson Plans	100.00%	100.00%	0.00%
Numeric Type:Percent	Target Value:100.00%	Actual Value:100.00%	Difference Value: 0.00%
Numeric Type:Percent	Target Value:5	Actual Value:0	Difference Value: 100%

Program Members

Robertson, Tammy

Courses

Course Title	Sequence
COSC_1010 - INTRO TO COMPUTER SCIENCE I	1
COSC_1030 - COMPUTER SCIENCE I	2
COSC_2030 - COMP SCIENCE II	3
COSC_2300 - DISCRETE STRUCTURES	4
COSC_1350 - WEB DEVELOPMENT I	5
COSC_2350 - WEB DEVELOPMENT II	6
COSC_2409 - TOPICS	7
COSC_2490 - PROGRAMMING:	8
COSC_2360 - WEB PAGE DYNAMICS & SCRIPTING	9
COSC_2800 - COMP SCI PORTFOLIO/CAPSTN	10
IMGT_2400 - INTRO TO INFO MANAGMENT	11
COSC_1200 - COMPUTER INFO SYSTEMS	12
COSC_1360 - PC SUPPORT TECHNICIAN:	13
COSC_2470 - INTERNSHIP: COMPUTER SCI	14
MATH_2300 - DISCRETE STRUCTURES	15
COSC_1100 - COMPUTER SCI PRINCPL & PRACTC	16
COSC_2465 - DIRECTED STUDY: COMP SCIENCE	17

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