# Academic Program Assessment Report

**Assessment** is a term commonly used to encompass the process of gathering and using evidence to guide improvements.

SACSCOC requires that an institution "<u>identifies</u> expected outcomes, <u>assesses</u> the extent to which it achieves these outcomes, and <u>provides evidence of seeking improvement</u> based on analysis of the results".

**Academic Program**

Computer Information Systems, B.S.

**Submission Year**

2019-2020

*Ex. If the report you are submitting is due October 1, 2019, choose 2019-2020.*

**Assessment Coordinator Name**

Farha Ali

**Enter Assessment Coordinator Email**

fali@lander.edu

*If more than one coordinator, please choose one for emails to be sent to.*

# Program Goal

## Goal

### Goal 1

**Program Goals** are broad and overarching statements about the skills, knowledge, and dispositions students are expected to gain by the end of their course of study (big picture). They support the Institution's Mission/Goals.

**Every Academic Program must include one goal on Program Productivity data for the South Carolina Commission on Higher Education. Information pertaining to this goal was sent by the Director of Institutional Effectiveness.**

Graduates will demonstrate the skills needed to solve Computer Information Systems problems.

**Pillar of Success Supported**
○ High-Demand, Market-Driven Programs

○ Selective, Competitive Recruitment and Enrollment of Ambitious and Talented Students

○ Robust Student Experience

⊙ Graduates Who Are Gainfully Employed or Admitted to Graduate School

○ Advancement Activities Leveraged to Further the University's Mission

○ Engaged and Supportive Alumni

○ Financially Stable and Operationally Efficient

○ Facilities Positioned for Growth and Efficient Utilization

○ Employer of Choice

○ Highly-Valued Community Partner

*Choose the Pillar of Success that your goal best aligns with.*

# Outcomes

## Outcome 1

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of students scoring 70% or above in programming section of faculty developed CIS 499 Mid-Term exam

**Timeframe for this Outcome**

Academic year 2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

70% or more students scored 70%* or above in Midterm exam

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

60% to 69% students scored 70%* or above in Midterm exam

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

less than 60% students scored 70%* or above in Midterm exam

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| CIS 499 Mid-Term Exam | Annually to students in CIS 499 capstone course |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| | 1 |

11 students took the test. Only 45.5% (5 out of 11) students scored 70% or higher.

The grade distribution is as follows

Greater than 100      0
90 - 100          0
80 - 89 1
70 - 79 4
60 - 69 4
50 - 59 0
40 - 49 0
30 - 39 1
20 - 29 1
10 - 19 0
0 - 9      1
Less than 0      0

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Although criteria for this outcome is not met but we see a significant increase  from 8.33% (1 out of 12 students)  to 45.5% ( 5 out of 11 students) in the number of students scoring 70% or higher in programming section of CIS 499 midterm exam. Using last year's assessment review, faculty revised the test questions and modified the test administration procedure. Although the test was still conducted on Blackboard but students were also provided a paper copy of the test questions. Faculty notices that changes made both in the test contents and administration made a positive impact on this learning outcome. Faculty has taken notice  of questions missed by most students, and will work to reinforce those concepts in respective classes, and would also check the content of the questions to remove any ambiguity or confusion.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 2

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge,

skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of portfolio evaluations (for the last three years) receiving scores of 3.5 or above for the programming principles indicator of the CIS 499 portfolio rubric.
***(Total portfolio evaluations=Number of portfolios X Number of faculty members evaluating the portfolios, e.g. 3 portfolios evaluated by 4 faculty members will be counted as 12 portfolio evaluations.. N/A responses are discarded.)

**Timeframe for this Outcome**

Academic Year 2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more portfolio evaluations( for the last three years) received a score of 3.5 or above for the programming principles indicator of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolio evaluations (for the last three years) received a score of 3.5 or above for the programming principles indicator of the CIS 499 portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70% portfolio evaluations (for the last three years) received a score of 3.5 or above for the programming principles indicator of the CIS 499 portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| Programming principles indicator in CIS-499 portfolio sssessment rubric | Annually (Faculty evaluations of CIS-499 portfolio(s) ) |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 80.77% (21/26) portfolios receive a score of 3.5 or higher | 3 |

*If this is a new outcome and no data has been*

*collected, you should explain when data will be available for entry.*

**Comments/Narrative**

This year's rolling average is slightly lower than previous year's rolling average 82.61% (19/23). Faculty will observe this outcome closely and will decide on further action  a decline in average score is noticed in next year's assessment. No new actions will be taken this year.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 3

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of portfolio evaluations (for the last three years) receiving scores of 3.5 or above for the system development and methodology indicator of the CIS 499 portfolio rubric

**Timeframe for this Outcome**

Academic Year 2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more  portfolio  evaluations (for the last three years) received a score of 3.5 or above  for the system development methodology  indicator of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolio evaluations (for the last three years) received a score of 3.5 or above for the  system developmnet methodology  indicator of the CIS 499 portfolio rubric..

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70%  portfolio evaluations (for the last three years) received a score of 3.5 or above for the system development methodology  indicator of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| System development methodology indicator of the CIS-499 portfolio rubric. | Annually (Faculty evaluations of CIS-499 portfolio(s)) |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 85.19% (23/27) | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

This year's rolling average for this outcome has increased from 83.33% (20/24) to 85.19% (23/27). Faculty is satisfied with this result and no new actions will be taken.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

## Outcome 4

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

| Student Learning Outcome |
| --- |

**Enter Outcome**

The percentage of portfolio evaluations (for the last three years) receiving scores of 3.5 or above for the data organization and management indicator of the CIS 499 portfolio rubric.

**Timeframe for this Outcome**

Academic Year 2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more  portfolio  evaluations (for the last three years) received a score of 3.5 or above  for the data organization and management indicator of the CIS 499 portfolio rubric..

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolio evaluations (for the last three years) received a score of 3.5 or above for the  data prganization and management  indicator of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70%  portfolio evaluations (for the last three years) received a score of 3.5 or above for the data organization and management  indicator of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
| --- | --- |
| Data organization and management indicator of the CIS-499 portfolio rubric. | Annually (Faculty evaluations of CIS-499 portfolio(s)) |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
| --- | --- |
| 70.37% (19/27) | 2 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Criteria was only partially met and a significant drop in portfolio evaluation scores is noticed. Faculty also noticed that this is the second year where a decline in the rolling average has happened. The decline might be a trend started last year but was not noticed because of the inclusion of past two years' average.  The result is not satisfactory and faculty is considering the factors that might have caused this outcome to only partially met. Additional attention would be given to the assignments involving data organizations and management.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 5

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of portfolio evaluations (for the last three years) receiving scores of 3.5 or above for the information systems principles indicator of the CIS 499 portfolio rubric.

**Timeframe for this Outcome**

Academic Year 2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more  portfolio  evaluations (for the last three years) received a score of 3.5 or above  for the information systems principles indicator of the CIS 499 portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolio evaluations (for the last three years) received a score of 3.5 or above for the information systems principles indicator of the CIS 499 portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70%  portfolio evaluations (for the last three years) received a score of 3.5 or above for the information systems principles indicator of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

**Assessment Measure Used**                          **Frequency of Assessment**

| Information systems principles indicator of the CIS-499 portfolio rubric. | Annually (Faculty evaluations of CIS-499 portfolio(s)) |
|---|---|

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 85.19 (23/27) | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Criteria for this outcome is met and no new actions would be taken.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

## Goal Summary

**Goal Summary/Comments**

All expected outcomes met the expected criteria except for outcome 1 and outcome 4. Outcome 1 did not met the criteria but a significant increase is noticed. Faculty will continue current practices and hopefully will see a rise in the score for this outcome. Outcome 4 has only met partially and decline in this outcome is noticed this year. faculty will investigate the reasons for low scores for outcome 4 and will make appropriate changes in the curriculum of related courses.

outcome 4.nt met the criteria. Faculty is considering several changes regarding evaluation of this outcome. First, maybe the expected criteria for met is set too high, and second maybe the exam questions need reconsideration. Faculty did notice students performing well in programming competitions and in academic success showcases, but results of this test did not reflect it. Rest of the four outcomes all met the expected criteria and some noticed slight improvements.

*Analyze your results and show you are seeking improvement. If this is a goal you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Changes Made/Proposed Related to Goal**

Although outcome 1 is not met but we saw an increase in the score. Faculty will continue the current practices. However, the new concern is the outcome 4. Outcome measures students' understanding of data organization and management concepts. Faculty will review the courses and the assignments regarding this outcome and will decide on the future path to improve this outcome's score. Possibility of offering CIS 360 (Database Design) every year instead of every other year is also being considered. Faculty is also considering the possibility to increase contact hours for CIS 360 by half an hour to provide students more hands-on practice with database design and queries.

*Describe changes that will be made in response to assessment results. Essential to "close the loop".*

**Upload Rubrics/Other Files**
Assessment_rubric_CIS499 Portfolio.doc

CIS 499 MidTerm Programming
Section_printversion.docx

*Please upload any rubrics or other documents used
for this goal.*

## Goal 2

**Program Goals** are broad and overarching statements about the skills, knowledge, and dispositions students are expected to gain by the end of their course of study (big picture). They support the Institution's Mission/Goals.

**Every Academic Program must include one goal on Program Productivity data for the South Carolina Commission on Higher Education. Information pertaining to this goal was sent by the Director of Institutional Effectiveness.**

Graduates will demonstrate effective oral and written communication skills

**Pillar of Success Supported**
○ High-Demand, Market-Driven Programs

○ Selective, Competitive Recruitment and Enrollment of Ambitious and Talented Students

○ Robust Student Experience

⊙ Graduates Who Are Gainfully Employed or Admitted to Graduate School

○ Advancement Activities Leveraged to Further the University's Mission

○ Engaged and Supportive Alumni

○ Financially Stable and Operationally Efficient

○ Facilities Positioned for Growth and Efficient Utilization

○ Employer of Choice

○ Highly-Valued Community Partner

*Choose the Pillar of Success that your goal best aligns with.*

# Outcomes

## Outcome 1

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of portfolios (evaluated within last three years) that received scores of 3.5 or above for the writing skills indicator of the CIS 499 portfolio rubric.).

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more portfolios evaluations (for the last three years) should receive a score of 3.5 or above for the 'writing skills' indicator..

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolios evaluations( for the last three years) should recieve a score of 3.5 or above for the 'writing skills' indicator.

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70% portfolios evaluations (for the last three years) should recieve a score of 3.5 or above for the 'writing skills' indicator .

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| Assessment Measure Used | Frequency of Assessment |
| --- | --- |
| Writing skills Indicator in CIS 499 Project Portfolio Assessment Rubric | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| Data Collected for this Timeframe (Results) | Score (Met=3, Partially Met=2, Not Met=1) |
| --- | --- |
| 88.89% (24/27) | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be*

*available for entry.*

**Comments/Narrative**

Although the outcome was met, this year's score is a bit lower than last year's score 91.67% (22/24). Faculty will closely monitor this outcome and continue current practices.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 2

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and  non-CIS students) for CIS 499 walkthrough presentation's 'organization' criteria

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and  non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'organization' must be 3.0 or above.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'organization' must be less than 3.0 but more than 2.5

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walkthrough presentation rubric's criteria 'organization' must be less than or equal to 2.5

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| CIS 499 Project Presentation Walk through Rubric | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 3.88 out or 4 | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Criteria was met and a slight increase from as year's score (3.7) is noticed.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 3

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation's 'material presentation' criteria.

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walkthrough presentation rubric's criteria for 'presentation' must be 3.0 or above.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walkthrough presentation rubric's criterai for 'presentaion' must be less than 3.0 but more than 2.5

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'presentation' must be less than or equal to 2.5

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| CIS 499 Project Presentation Walkthrough Rubric | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 3.63 out of 4 | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Criteria was met and a slight increase from last year's score (3.58) is noticed. No new actions would be taken.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

| Resources Needed to Meet/Sustain Results |
|---|
| None |

*Include estimate of cost.*

| Explanation of How Resources Will Be Used |
|---|
| N/A |

## Outcome 4

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

| Student Learning Outcome |
|---|

**Enter Outcome**

| The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation's 'delivery of material' criteria. |
|---|

**Timeframe for this Outcome**

| 2018-2019 |
|---|

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

| The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'delivery' must be 3.0 or above. |
|---|

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

| The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walkthrough presentation rubric's criteria for 'delivery' must be less than 3.0 but more than 2.5 |
|---|

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

| The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walkthrough presentation rubric's criteria for 'delivery' must be less than or equal to 2.5 |
|---|

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

**Assessment Measure Used**

CIS 499 Project Presentation Walkthrough Rubric

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

**Frequency of Assessment**

Annaully in CIS 499

**Data Collected for this Timeframe (Results)**

3.6 out of 4

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Score (Met=3, Partially Met=2, Not Met=1)**

3

**Comments/Narrative**

Criteria was met. No new action would be taken.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 5

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walkthrough presentation's 'relating to audience' criteria.

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'relating to audience' must be 3.0 or above.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'relating to audience' must be less than 3.0 but more than 2.5

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

The average score assigned by the audience(CIS and non-CIS faculty members and CIS and non-CIS students) for CIS 499 walk through presentation rubric's criteria for 'relating to audience' must be less than or equal to 2.5

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| CIS 499 Project Presentation Walk through Rubric | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 3.53 out of 4 | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

criteria was met, but a slight decrease from last year's score (3.62 ) was noticed. No new actions would be taken.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Goal Summary

**Goal Summary/Comments**

All outcomes met the expected criteria. The results were almost the same as last year.

*Analyze your results and show you are seeking improvement. If this is a goal you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Changes Made/Proposed Related to Goal**

No changes were proposed. Faculty will continue current practices.

*Describe changes that will be made in response to assessment results. Essential to "close the loop".*

**Upload Rubrics/Other Files**
CIS 499 walkthrough rubric.doc

*Please upload any rubrics or other documents used
for this goal.*

## Goal 3

**Program Goals** are broad and overarching statements about the skills, knowledge, and dispositions students are expected to gain by the end of their course of study (big picture). They support the Institution's Mission/Goals.

**Every Academic Program must include one goal on Program Productivity data for the South Carolina Commission on Higher Education. Information pertaining to this goal was sent by the Director of Institutional Effectiveness.**

Graduates will demonstrate the ability to independently research and complete a CIS project

**Pillar of Success Supported**
○ High-Demand, Market-Driven Programs

○ Selective, Competitive Recruitment and Enrollment of Ambitious and Talented Students

○ Robust Student Experience

◉ Graduates Who Are Gainfully Employed or Admitted to Graduate School

○ Advancement Activities Leveraged to Further the University's Mission

○ Engaged and Supportive Alumni

○ Financially Stable and Operationally Efficient

○ Facilities Positioned for Growth and Efficient Utilization

○ Employer of Choice

○ Highly-Valued Community Partner

*Choose the Pillar of Success that your goal best aligns with.*

# Outcomes

## Outcome 1

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of potfolios (evaluated within last three years) that received scores of 3.5 or above for the self learning and research indicator of the CIS 499 portfolio rubric.

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more portfolio evaluations (for the last three years) should recieve a score of 3.5 or above for the 'self learning and research indicator' of the CIS 499 portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolio evaluations (for the last three years) should recieve a score of 3.5 or above for the 'self learning and research indicator' of the CIS 499 portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70% portfolio evaluations (for the last three years) should recieve a score of 3.5 or above for the 'self learning and research indicator' of the CIS 499 portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| Assessment Measure Used | Frequency of Assessment |
| --- | --- |
| Self Learning and Research Indicator in CIS 499 Project Portfolio Assessment Rubric, evaluated by CIS faculty | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| Data Collected for this Timeframe (Results) | Score (Met=3, Partially Met=2, Not Met=1) |
| --- | --- |
| 88.89% (24/27) | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

The outcome criteria is met and a slight increase is noticed in the portfolios's assessment score. No new actions would be taken.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Outcome 2

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of students receiving average score of 3.0 or above (for the last three years) for Internship/EYE employee evaluation rubric's indicators (as available)

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more students approved for internships or EYE projects (for the last three years) receive an average score of 3.0 or higher on indicators of 'Employer ' and 'Faculty Mentor' evaluation forms for EYE program.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% students approved for internships or EYE projects (for the last three years) receive an average score of 3.0 or higher on indicators of 'Employer ' and 'Faculty Mentor' evaluation forms for EYE program .

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70% students approved for internships or EYE projects (for the last three years) receive an average score of  3.0 or higher on indicators of 'Employer ' and 'Faculty Mentor' evaluation forms  for EYE program .

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| Internship/EYE employee evaluation rubric | As available |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 100% (2 out of 2) | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Two students did internships this year and both received a grade of A.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Goal Summary

**Goal Summary/Comments**

Faculty is satisfied with this outcome results.
 Faculty has seen positive progress in students' interest in experiential learning and  is also considering to include student research activities' assessment in this goal next year.

*Analyze your results and show you are seeking improvement. If this is a goal you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Changes Made/Proposed Related to Goal**

None

*Describe changes that will be made in response to assessment results. Essential to "close the loop".*

**Upload Rubrics/Other Files**
*Please upload any rubrics or other documents used
for this goal.*

## Goal 4

**Program Goals** are broad and overarching statements about the skills, knowledge, and dispositions students are expected to gain by the end of their course of study (big picture). They support the Institution's Mission/Goals.

**Every Academic Program must include one goal on Program Productivity data for the South Carolina Commission on Higher Education. Information pertaining to this goal was sent by the Director of Institutional Effectiveness.**

> Graduates demonstrate an  understanding of the  legal and ethical issues they may encounter as CIS professionals.

**Pillar of Success Supported**
○ High-Demand, Market-Driven Programs

○ Selective, Competitive Recruitment and Enrollment of Ambitious and Talented Students

○ Robust Student Experience

◉ Graduates Who Are Gainfully Employed or Admitted to Graduate School

○ Advancement Activities Leveraged to Further the University's Mission

○ Engaged and Supportive Alumni

○ Financially Stable and Operationally Efficient

○ Facilities Positioned for Growth and Efficient Utilization

○ Employer of Choice

○ Highly-Valued Community Partner

*Choose the Pillar of Success that your goal best aligns with.*

# Outcomes

## Outcome 1

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

Number of violations reported in CIS 499 peer review form.

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

No ethical violations reported.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

One ethical violation reported.

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Two or more ethical violations reported.

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| CIS 499 Capstone project Peer Review Assessment | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 0 | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

The criteria is met. No violations were reported.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

## Outcome 2

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention,

employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Student Learning Outcome

**Enter Outcome**

The percentage of portfolios (evaluated within last three years) that received scores of 3.5 or above for the moral and ethical issues indicator of the CIS 499 portfolio rubric.

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

80% or more portfolio evaluations (for the last three years) should receive scores of 3.5 or above for "understanding of moral and ethical issues" indicator in CIS 499 Project Portfolio rubric

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Less than 80% but more than 70% portfolio evaluations (for the last three years) should receive scores of 3.5 or above for "understanding of moral and ethical issues" indicator in CIS 499 Project Portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Less than 70% portfolio evaluations (for the last three years) should receive scores of 3.5 or above for "understanding of moral and ethical issues" indicator in CIS 499 Project Portfolio rubric.

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| CIS 499 Project Presentation Walk through Rubric | Annually in CIS 499 |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 66.67% (18/27) | 1 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

Outcome 2 criteria is dropped from partially met to not met this year. We are struggling with this outcome.  Although the faculty did not see any copy right violations, they are disappointed that students did not properly cite sources. This was the reason for faculty assigning lower scores. Faculty is planning to discuss ethical responsibilities of CIS professionals more frequently in multiple courses.

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

None

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

N/A

# Goal Summary

**Goal Summary/Comments**

Outcome 1 score stayed the same. Outcome 2 score has decreased from last year, and faculty is concerned about improving this outcome.

*Analyze your results and show you are seeking improvement. If this is a goal you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Changes Made/Proposed Related to Goal**

Several changes are proposed to increase score of outcome 2. Faculty will discuss proper inclusion of acknowledgement and references in the relevant courses. Students will be asked  to acknowledge all resources used in their projects especially the capstone project.

*Describe changes that will be made in response to assessment results. Essential to "close the loop".*

**Upload Rubrics/Other Files**
*Please upload any rubrics or other documents used*
*for this goal.*

# Goal 5

**Program Goals** are broad and overarching statements about the skills, knowledge, and dispositions students are expected to gain by the end of their course of study (big picture). They support the Institution's Mission/Goals.

**Every Academic Program must include one goal on Program Productivity data for the South Carolina Commission on Higher Education. Information pertaining to this goal was sent by the Director of Institutional Effectiveness.**

To comply with Program Productivity standards as defined by the South Carolina Commission on Higher Education

**Pillar of Success Supported**
⊙ High-Demand, Market-Driven Programs

○ Selective, Competitive Recruitment and Enrollment of Ambitious and Talented Students

○ Robust Student Experience

○ Graduates Who Are Gainfully Employed or Admitted to Graduate School

○ Advancement Activities Leveraged to Further the University's Mission

○ Engaged and Supportive Alumni

○ Financially Stable and Operationally Efficient

○ Facilities Positioned for Growth and Efficient Utilization

○ Employer of Choice

○ Highly-Valued Community Partner

*Choose the Pillar of Success that your goal best aligns with.*

# Outcomes

## Outcome 1

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Operational Outcome

**Enter Outcome**

Major Enrollment

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

Using a five-year rolling  average, the number of students enrolled in the major (a) for Baccalaureate programs is greater than or equal to 12.5, (b) for Master's/First Professional is greater than or equal to 6.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Not Applicable

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Using a five-year rolling average, the number of students enrolled in the major (a) for Baccalaureate programs is less than 12.5 (b) for Master's/First Professional is less than 6.

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| Enrollment and Graduation data extracted from Banner | Annually |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 82.8 | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

N/A

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

# Outcome 2

**Outcomes** are specific, **measurable** statements that reflect the broader goals.

Academic Programs are required to develop **Student Learning Outcomes**, which describe knowledge, skills, and values that students are expected to gain as a result of their educational experiences.

Academic Programs may also develop **Operational Outcomes**, which describe the level of performance of an operational aspect of a program or office (ex. graduation rates, retention, employment data).

**Most goals have at least two outcomes measured.**

**What type of Outcome would you like to add?**

Operational Outcome

**Enter Outcome**

Completions (Degrees Awarded)

**Timeframe for this Outcome**

2018-2019

*Ex. Academic Year 2017-2018*

**Performance Target for "Met"**

Using a five-year rolling average, the number of degrees awarded (a) for Baccalaureate programs is greater than or equal to 8, (b) for Master's/First Professional is greater than or equal to 3.

*The anticipated level of achievement for this Outcome to be considered "Met".*

**Performance Target for "Partially Met"**

Not Applicable

*The anticipated level of achievement for this Outcome to be considered "Partially Met".*

**Performance Target for "Not Met"**

Using a five-year rolling average, the number of degrees awarded (a) for Baccalaureate programs is less than 8 (b) for Master's/First Professional is less than 3.

*The anticipated level of achievement for this Outcome to be considered "Not Met".*

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| Enrollment and Graduation data extracted from Banner | Annually |

*Tools that allow us to measure or demonstrate the extent to which outcomes have been achieved (ex. Capstone assignment).*

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 8.6 | 3 |

*If this is a new outcome and no data has been collected, you should explain when data will be available for entry.*

**Comments/Narrative**

N/A

*Analyze your results and show you are seeking improvement. If this is an outcome you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Resources Needed to Meet/Sustain Results**

*Include estimate of cost.*

**Explanation of How Resources Will Be Used**

# Goal Summary

**Goal Summary/Comments**

N/A

*Analyze your results and show you are seeking improvement. If this is a goal you have used in the past, please provide a narrative that includes an analysis of historical data and current data. Include evidence of improvement or clarification of why improvement has not been accomplished.*

**Changes Made/Proposed Related to Goal**

N/A

*Describe changes that will be made in response to assessment results. Essential to "close the loop".*

**Upload Rubrics/Other Files**
*Please upload any rubrics or other documents used
for this goal.*