# 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 "identifies expected outcomes, assesses the extent to which it achieves these outcomes, and provides evidence of seeking improvement based on analysis of the results".

## Be sure to SAVE your progress as you work!

**Academic Program**
Computer Information Systems, B.S.

**Submission Year**
2021-2022

**Assessment Coordinator Name**
Farha Ali

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fali@lander.edu

# 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.

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

**Pillar of Success Supported**
Graduates Who Are Gainfully Employed or Admitted to Graduate School

## 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 Midterm exam

**Timeframe for this Outcome**
Academic year 2020-2021

**Performance Target for "Met"**
70% or more students scored 70%* or above in Midterm exam

**Performance Target for "Partially Met"**
60% to 69% students scored 70%* or above in Midterm exam.

**Performance Target for "Not Met"**
Fewer than 60% students scored 70%* or above in Midterm exam.

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| Programing Section of CIS 499 Midterm Exam | Annually to students in CIS 499 capstone course |

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 25% (3 out of 12) students scored 70% or above. | 1 |

**Comments/Narrative**
The criteria for this learning outcome was not met. This year we see a small increase in this outcome metric's value. Last year, the score for this outcome decreased from 45% to 18.8%, this year we see a slight increase i.e. 25% (3 out of 12). A new instructor taught the course this semester and we think that a combination of factors affected this outcome. We will continue our efforts to make this learning outcome better.

**Resources Needed to Meet/Sustain Results**
None

**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 2020-2021

**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

**Performance Target for "Partially Met"**
Fewer than 80% but at least 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.

**Performance Target for "Not Met"**
Fewer 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.

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

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 89.65% (26/29) portfolios reviews received a score of 3.5 or above | 3 |

**Comments/Narrative**
We observe a continues increase in this outcome. Last year we see an increase form 80.77% (21/26 ) to 81.48%(22/27) and this year see even higher value 89.65%(26/29). Faculty is satisfied with this outcome, but will still observe it closely. No new actions will be taken this year.

**Resources Needed to Meet/Sustain Results**
None

**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 2020-2021

**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

**Performance Target for "Partially Met"**
Fewer than 80% but at least 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..

**Performance Target for "Not Met"**
Fewer 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

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

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 86.21% (25/29) portfolios evaluations received a score of 3.5 or above. | 3 |

**Comments/Narrative**
This year's  average for this outcome decreased slightly from 88.89%(24/27) to 86.21% (25/29). Faculty is not  concerned about this outcome yet, but if this trend continues then we will start observing it closely and will take actions to make sure this outcome does not fall below acceptable criteria.

**Resources Needed to Meet/Sustain Results**
None

**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 2020-2021

**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.

**Performance Target for "Partially Met"**
Fewer than 80% but at least 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.

**Performance Target for "Not Met"**
Fewer 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

| | |
|---|---|
| **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)) |
| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
| 75.86% (22/29) portfolios evaluations received a score of 3.5 or above | 2 |

**Comments/Narrative**
This outcome value increased slightly from 66.67%(18/27) to 75.86% (22/29). The criteria for this outcome is improved from Not Met to Partially Met. The database management course that is directly related to this outcome was offered Spring of 2021 and some improvements were implemented. These improvement included assigning a new instructor to the course. The new instructor implemented some changes including a change to the textbook and a slowing of the pace of the course. There were positive and negative impacts of these changes. Students improved on basic database skills but because of the slow pace of the course, they did not cover a lot of material.  Faculty is still not satisfied and will make further changes to make sure that this criteria moves to Met.

**Resources Needed to Meet/Sustain Results**
None

**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) that received scores of 3.5 or above for the information systems principles indicator of the CIS 499 portfolio rubric.

**Timeframe for this Outcome**
Academic Year 2020-2021

**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.

**Performance Target for "Partially Met"**
Fewer than 80% but at least 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.

**Performance Target for "Not Met"**
Fewer 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

| **Assessment Measure Used** | **Frequency of Assessment** |
|---|---|
| Information systems principles indicator of the CIS 499 portfolio rubric. | Annually (Faculty evaluations of CIS 499 portfolio(s)) |

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 92.59% (25/27) portfolios evaluations received a score of 3.5 or above. | 3 |

**Comments/Narrative**
Criteria for this outcome is met, and an improvement in the score is noted from 92.59% (25/27) to 93.1%(27/29) for the second consecutive year. No new actions would be taken.

**Resources Needed to Meet/Sustain Results**
None

**Explanation of How Resources Will Be Used**
N/A

# Goal Summary

**Goal Summary/Comments**
Outcomes 1 and 4 did not meet the expected criteria. But both scores show a slight increase, which

indicates that measures taken by faculty are working. Faculty is investigating ways to improve these two outcomes further.

**Changes Made/Proposed Related to Goal**
Faculty is concerned about the outcomes 1 and 4 although both outcomes' average is increased slightly but they are still not high enough for the criteria to be met. For the next year, we will continue the practices we used in the year 2020, and will continue monitoring this outcome closely.

**Upload Rubrics/Other Files**

# 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.

**Program Goal**
Graduates will demonstrate effective oral and written communication skills

**Pillar of Success Supported**
Graduates Who Are Gainfully Employed or Admitted to Graduate School

# 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**
Academic Year 2020-2021

**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 of CIS 499 portfolio rubric.

**Performance Target for "Partially Met"**
Fewer than 80% but at least 70% portfolios evaluations (for the last three years) should receive a score

of 3.5 or above  for the 'writing skills' indicator of CIS 499 portfolio rubric.

**Performance Target for "Not Met"**
Fewer than 70%  portfolios evaluations (for the last three years) should receive a score of 3.5 or above for the 'writing skills' indicator of CIS 499 portfolio rubric .

**Assessment Measure Used**
Writing skills Indicator in CIS 499 portfolio rubric

**Frequency of Assessment**
Annually in CIS 499

**Data Collected for this Timeframe (Results)**
96.55% (28/29) portfolios evaluations received a score of 3.5 or above.

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

**Comments/Narrative**
The outcome was met, this year's score 96.55%(28/29) is almost same as last year's score 96.30% (26/27) . No new action will be taken.

**Resources Needed to Meet/Sustain Results**
None

**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 walk through presentation's 'organization' criteria.

**Timeframe for this Outcome**
Academic Year 2020-2021

**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.

**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

**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 'organization' must be less than or equal to  2.5

**Assessment Measure Used**
CIS 499 Project Presentation Walk through Rubric

**Frequency of Assessment**
Annually in CIS 499

**Data Collected for this Timeframe (Results)**
Average score=3.59

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

**Comments/Narrative**
Criteria met, faculty will continue  the current practices.

**Resources Needed to Meet/Sustain Results**
None

**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  'presentation' criteria.

**Timeframe for this Outcome**
Academic Year 2020-2021

**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 'presentation' must be 3.0 or above.

**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 'presentation' must be less than 3.0

but more than 2.5

**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

**Assessment Measure Used**
CIS 499 Project Presentation Walk through Rubric

**Frequency of Assessment**
Annually in CIS 499

**Data Collected for this Timeframe (Results)**
Average score=3.4

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

**Comments/Narrative**
Criteria met, faculty will continue the current practices.

**Resources Needed to Meet/Sustain Results**
None

**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**
Academic Year 2020-2021

**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.

**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 'delivery' must be less than 3.0 but

more than 2.5

**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 'delivery' must be less than or equal to 2.5

**Assessment Measure Used**                        **Frequency of Assessment**
CIS 499 Project Presentation Walk through Rubric   Annaully in CIS 499

**Data Collected for this Timeframe (Results)**    **Score (Met=3, Partially Met=2, Not Met=1)**
Average score = 3.26                                3

**Comments/Narrative**
Criteria met, faculty will continue  the current practices. We were not able to hold the Walk through presentation in Spring of 2020 due to COVID-19, but if we compare these scores from 2019's score, we notice a slight decrease from 3.56 to 3.26. Faculty is not concerned yet, but if this trend continues we will monitor this outcome closely and will try to make changes to make sure this outcome's criteria does not drop below Met.

**Resources Needed to Meet/Sustain Results**
None

**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 walk through presentation's 'relating to audience' criteria.

**Timeframe for this Outcome**
Academic Year 2020-2021

**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.

**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

**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

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

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| Average score=3.40 | 3 |

**Comments/Narrative**
Criteria met, faculty will continue the current practices. Although we notice a slight decline in values from 2019 (from 3.66 to 3.4). Faculty is not concerned yet but will closely monitor this outcome.

**Resources Needed to Meet/Sustain Results**
None

**Explanation of How Resources Will Be Used**
N/A

# Goal Summary

**Goal Summary/Comments**
This year's scores were satisfactory and criteria for all outcomes were met. But we notice lower values for some outcomes and will observe them closely. No new actions are being taken this year.

**Changes Made/Proposed Related to Goal**
No changes were proposed. Faculty will continue current practices while observing the outcomes whose scores dropped below previous year's scores.

**Upload Rubrics/Other Files**

# 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.

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

**Pillar of Success Supported**
Graduates Who Are Gainfully Employed or Admitted to Graduate School

# 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**
Academic Year 2019-2020

**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

**Performance Target for "Partially Met"**
Fewer than 80% but at least 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.

**Performance Target for "Not Met"**
Fewer 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.

| **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 |

| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
|---|---|
| 92.59% (25/27) portfolios evaluations received a score of 3.5 or above | 3 |

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

**Resources Needed to Meet/Sustain Results**
None

**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?**
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**
Academic Year 2020-2021

**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 above on indicators of 'Employer ' and 'Faculty Mentor' evaluation forms  for EYE program.

**Performance Target for "Partially Met"**
Fewer 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 above on indicators of 'Employer ' and 'Faculty Mentor' evaluation forms  for EYE program .

**Performance Target for "Not Met"**
Fewer than 70% students approved for internships or EYE projects (for the last three years) receive an average score of  3.0 or above on indicators of 'Employer ' and 'Faculty Mentor' evaluation forms  for EYE program .

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

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

**Comments/Narrative**
Three students did internships this year and all received a grade of A.

**Resources Needed to Meet/Sustain Results**
None

**Explanation of How Resources Will Be Used**

N/A

# Goal Summary

**Goal Summary/Comments**
Faculty is satisfied with this outcome results and has noticed positive progress in students' interest in experiential learning. Faculty is considering to include student research activities' assessment in this goal next year. Many students pursue internships but did not enroll in Internships courses, so we have not included their data.

**Changes Made/Proposed Related to Goal**
None

**Upload Rubrics/Other Files**

# 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.

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

**Pillar of Success Supported**
Graduates Who Are Gainfully Employed or Admitted to Graduate School

# 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**
Academic Year 2020-2021

**Performance Target for "Met"**

No ethical violations reported.

**Performance Target for "Partially Met"**
One ethical violation reported.

**Performance Target for "Not Met"**
Two or more ethical violations reported.

| | |
|---|---|
| **Assessment Measure Used**<br>CIS 499 Capstone project Peer Review<br>Assessment | **Frequency of Assessment**<br>Annually in CIS 499 |
| **Data Collected for this Timeframe (Results)**<br>Data not available, instructor did not collect the<br>data | **Score (Met=3, Partially Met=2, Not Met=1)**<br>3 |

**Comments/Narrative**
N/A

**Resources Needed to Meet/Sustain Results**
None

**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**
Academic Year 2020-2021

**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

**Performance Target for "Partially Met"**

Fewer than 80% but at least 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.

**Performance Target for "Not Met"**
Fewer 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.

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

| | |
|---|---|
| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
| 79.3% (23/29) portfolios evaluations received a score of 3.5 or above | 2 |

**Comments/Narrative**
This outcome criteria is met only partially this year and a decrease in score from 92.59% (25/27) to 79.3% (23/29) is noted. Faculty will observe this outcome closely and will implement appropriate changes.

**Resources Needed to Meet/Sustain Results**
None

**Explanation of How Resources Will Be Used**
N/A

# Goal Summary

**Goal Summary/Comments**
Outcome 2 met only partially. We are seeing a up and down pattern in this outcome's average. We will encourage students to include necessary documents and sections in CIS 499 project portfolio needed to measure this outcome in their portfolios .

**Changes Made/Proposed Related to Goal**
CIS 499 portfolio must be checked by the instructor prior to submission to make sure all necessary sections are completed.

**Upload Rubrics/Other Files**

# 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.

**Program Goal**
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

# 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**
Academic Year 2020-2021

**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.

**Performance Target for "Partially Met"**
Not Applicable

**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.

| | |
|---|---|
| **Assessment Measure Used** | **Frequency of Assessment** |
| Enrollment and Graduation data extracted from Banner | Annually |
| **Data Collected for this Timeframe (Results)** | **Score (Met=3, Partially Met=2, Not Met=1)** |
| 85.8 | 3 |

**Comments/Narrative**
N/A

**Resources Needed to Meet/Sustain Results**


**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**
Academic Year 2019-2020

**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.

**Performance Target for "Partially Met"**
Not Applicable

**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.

| | |
|---|---|
| **Assessment Measure Used**<br>Enrollment and Graduation data extracted from Banner | **Frequency of Assessment**<br>Annually |
| **Data Collected for this Timeframe (Results)**<br>10 | **Score (Met=3, Partially Met=2, Not Met=1)**<br>3 |

**Comments/Narrative**
N/A

**Resources Needed to Meet/Sustain Results**


**Explanation of How Resources Will Be Used**


# Goal Summary

**Goal Summary/Comments**
N/A

**Changes Made/Proposed Related to Goal**
N/A

**Upload Rubrics/Other Files**

**Dean's Email Address**
dslimmer@lander.edu

**Approved by Dean?**
Yes

**Signature of Dean**
David A. Slimmer

**Comments from Dean's Review**
I commend Dr. Ali for her hard work on this assessment.

**Thank you for reviewing and approving this report. The approval and a copy of the report will be emailed to you and the Assessment Coordinator.**