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
Cybersecurity, B.S.

Submission Year
2021-2022

Assessment Coordinator Name
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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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate an understanding of the fundamental concepts, principles, and current trends in the cybersecurity discipline.

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 portfolio evaluations (for the last three years) receiving scores of 4.0 or above for the design principles indicator of the CIS 449 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
N/A

Performance Target for "Met"
80% or more portfolio evaluations (for the last three years) received a score of 3.5 or above for the design principles indicator of the CIS 449 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 design principles indicator of the CIS 449 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 design principles indicator of the CIS 449 portfolio rubric

Assessment Measure Used
CIS 449 research project portfolio

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Faculty is working on developing the rubric for the CIS 449 portfolio assessment. This rubric will be used to score different aspects of CIS 449 portfolios submitted by students.

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?

Student Learning Outcome

Enter Outcome
Students will be able to identify and use required cyber defense tools, methods, and components needed to evaluate a given scenario. Faculty will identify labs and/or assignments in CIS 343 and CIS 344 and appropriate weights will be assigned to each identified component. A weighted average of scores for all identified components will then be computed and will be used to measure performance for this criteria.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score at least a weighted average of 80% in designated labs in CIS 343 and CIS 344

Performance Target for "Partially Met"
Fewer than 80% but at least 70% of students score at least a weighted average of 80% in designated labs in CIS 343 and CIS 344.

Performance Target for "Not Met"
Fewer than 70% students score at least a a weighted average of 80% in designated labs in CIS 343 and CIS 344.

Assessment Measure Used
Designated labs in CIS 343 and CIS 344

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Cybersecurity faculty is working on identifying specific labs that will be used to measure this outcome. Instructors are planning to develop a spreadsheet of assignments or labs in Cybersecurity classes and their association with different goals and outcome. This process is still being fine-tuned but we are hopeful that spreadsheet document will be helpful to record the scores as needed to measure success criteria for multiple outcomes.

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

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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate an understanding of the federal, state, and local cyber defense laws and partners/structures, and ethics.

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
Students will be able to responsibly handle compromised data as it pertains to legal, ethical, and agency auditing. Students' numeric grades earned. in designated lab(s) in CIS 343 will be used to measure this outcome. If more than one lab is used, then a weighted average of al identified components will be used to measure the performance of this outcome.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score 80% or higher in CIS 343 designated lab related to evidence handling.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score 80% or higher in CIS 343 designated lab related to evidence handling.

Performance Target for "Not Met"
Fewer than 70% students score 80% or higher in CIS 343 designated lab related to evidence handling.

Assessment Measure Used
Designated lab(s) in CIS 343

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results) **Score (Met=3, Partially Met=2, Not Met=1)**
N/A

Comments/Narrative
Cybersecurity faculty is working on identifying the CIS 343 lab(s) that will be used to measure this outcome. Instructors are planning to develop a spreadsheet of assignments and labs in Cybersecurity classes and their association with different goals and outcome. This process is still being fine-tuned but we are hopeful that spreadsheet document will be helpful in recording the scores as needed to measure success criteria for multiple outcomes.

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?
Student Learning Outcome

Enter Outcome
Students will show an understanding of the laws that provide US entities the authority to perform cyber operations.
Students' numeric grades obtained in designated CIS 243 assignment will be used to measure this outcome.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score 80% or above in designated assignment in CIS 243.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score 80% or above in designated assignment in CIS 243.

Performance Target for "Not Met"
Fewer than 70% students score 80% or above in designated assignment in CIS 243.

Assessment Measure Used
Designated assignment in CIS 243

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results) **Score (Met=3, Partially Met=2, Not Met=1)**
N/A

Comments/Narrative
Faculty is working on developing a quiz or portion of a test to use as a tool for effectively measuring this outcome's performance.

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

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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate an understanding of the fundamental concepts, technologies, components, and issues associated with components of modern computing environments.

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
Students will understand the common terms and technologies used in the field of information systems and cybersecurity. Students' numeric grades earned in designated CIS 243 assignment will be used to measure this outcome.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score 80% or above in designated CIS 243 test or quiz.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score 80% or above in CIS 243 test or quiz.

Performance Target for "Not Met"
Fewer than 70% students score 80% or above in CIS 243 test or quiz.

Assessment Measure Used
Faculty developed test in CIS 243

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Faculty is comparing the merits of different assessment tools and are also working on developing appropriate content to measure this outcome effectively. We may develop a test or a portion of test to assess this outcome's performance.

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?
Student Learning Outcome

Enter Outcome

Students will be able to design, deploy, and secure one or more computer network(s). Students numeric grades in a dedicated CIS 140 lab will be used to measure this outcome.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score 80% or above in designated CIS 140 lab.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score 80% or above in designated CIS 140 lab.

Performance Target for "Not Met"
Fewer than 70% students score 80% or above in designated CIS 140 lab.

Assessment Measure Used
Designated lab in CIS 140

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Faculty will identify the content that can effectively measure this outcome and then will develop a lab to be used as a tool to measure this outcome's performance.

Resources Needed to Meet/Sustain Results

Explanation of How Resources Will Be Used

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
Students will be able to use, manage, and secure multiple operating systems. Students' final numeric grades in CIS 260 course will be used to measure this outcome.

Timeframe for this Outcome

N/A

Performance Target for "Met"
80% or more students obtained a final cumulative score of 80% in CIS 260 course.

Performance Target for "Partially Met"
Fewer than 80% or but at least 70% students obtained a final cumulative score of 80% in CIS 260 course.

Performance Target for "Not Met"
Fewer than 70% students obtained a final cumulative score of 80% in CIS 260 course.

Assessment Measure Used
Students' final numeric cumulative score in CIS 260

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Faculty will use the final numeric score of CIS 260 course. As the course covers Windows and Linux operating systems and multiple topics related to each, final numeric grade will be an effective tool for measuring this outcome's performance.

Resources Needed to Meet/Sustain Results

Explanation of How Resources Will Be Used

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
Students will be able to capture and analyze data-in-motion and data-at-rest to diagnose malicious activities. Faculty will identify labs and/or assignments in CIS 343 and CIS 344 and appropriate weights will be assigned to each identified component. A weighted average of scores for all identified components will then be computed and will be used to measure performance for this criteria.

Timeframe for this Outcome

N/A

Performance Target for "Met"
80% or more students score at least a weighted average of 80% in designated labs in CIS 343 and CIS 344.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% of students score at least a weighted average of 80% in designated labs in CIS 343 and CIS 344.

Performance Target for "Not Met"
Fewer than 70% of students score at least a weighted average of 80% in designated labs in CIS 343 and CIS 344.

Assessment Measure Used
Designated labs in CIS 343 and CIS 344

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Cybersecurity faculty is working on identifying the CIS 343 and CIS 344 lab(s) that will be used to measure this outcome. Instructors are planning to develop a spreadsheet of assignments and labs in Cybersecurity classes and their association with different goals and outcome. This process is still being fine-tuned but we are hopeful that spreadsheet document will be helpful in recording the scores as needed to measure success criteria for multiple outcomes.

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

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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate the knowledge to develop and maintain solutions for preserving confidentiality, integrity, and availability of information systems.

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
Students will understand the importance of cryptography. Students' numeric grades for a designated assignment, lab, or quiz in CIS 345 will be used to measure this outcome.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score 80% or above in designated CIS 345 assignment

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score 80% or above in designated CIS 345 assignment

Performance Target for "Not Met"
Fewer than 70% of students score 80% or above in designated CIS 345 assignment

Assessment Measure Used
Designated assignment in CIS 345

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
This course has not been taught yet but when faculty offer this course, assignments will be developed while keeping assessment needs in mind.

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?
Student Learning Outcome

Enter Outcome
Students will be able to deploy solutions to detect malicious activity. Faculty will identify labs and/or assignments in CIS 343 and CIS 344 and appropriate weights will be assigned to each identified component. A weighted average of scores for all identified components will then be computed and will be used to measure performance for this criteria.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score at least a weighted average of 80% in CIS 343 and CIS 344's designated labs.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% of students score at least a weighted average of 80% in CIS 343 and CIS 344's. designated labs.

Performance Target for "Not Met"
Fewer than 70% students score at least a weighted average of 80% in CIS 343 and CIS 344's. designated labs.

Assessment Measure Used
Designated labs in CIS 343 and CIS 344

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Cybersecurity faculty is working on identifying the CIS 343 lab(s) that will be used to measure this outcome. Instructors are planning to develop a spreadsheet of assignments and labs in Cybersecurity classes and their association with different goals and outcome. This process is still being fine-tuned but we are hopeful that spreadsheet document will be helpful in recording the scores as needed to measure success criteria for multiple outcomes.

Resources Needed to Meet/Sustain Results

Explanation of How Resources Will Be Used

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
Students will be able to identify an attack(s) in progress and/or in the past and defend against them. Faculty will identify labs and/or assignments in CIS 343 and CIS 344 and appropriate weights will be assigned to each identified component. A weighted average of scores for all identified components will then be computed and will be used to measure performance for this criteria..

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score at least a weighted average of 80% in CIS 343 and CIS 344's designated labs.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score at least a weighted average of 80% in CIS 343 and CIS 344's designated labs.

Performance Target for "Not Met"
Fewer than 70% students score at least a weighted average of 80% in CIS 343 and CIS 344's designated labs.

Assessment Measure Used
Designated labs in CIS 343 and CIS 344

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Cybersecurity faculty is working on identifying the CIS 343 lab(s) that will be used to measure this outcome. Instructors are planning to develop a spreadsheet of assignments and labs in Cybersecurity classes and their association with different goals and outcome. This process is still being fine-tuned but we are hopeful that spreadsheet document will be helpful in recording the scores as needed to measure success criteria for multiple outcomes.

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

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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate an ability to assess risk management practices and policies for an organization

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
Students will be able to develop and deploy plans for threat prevention, risk assessment, and disaster recovery. Numeric grades assigned to CIS 346 final project will be used to assess this outcome's performance.

Timeframe for this Outcome
N/A

Performance Target for "Met"
80% or more students score 80% or above in CIS 346 final project assessment.

Performance Target for "Partially Met"
Fewer than 80% but at least 70% students score 80% or above in CIS 346 final project assessment.

Performance Target for "Not Met"
Fewer than 70% students score 80% or above in CIS 346 final project assessment.

Assessment Measure Used
CIS 346 Final project

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
This course has not been taught yet. Faculty will make sure to develop CIS 346 final project assignment to include elements needed to measure this outcome effectively.

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

Goal 6

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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate the ability to communicate effectively and appropriately orally and in writing.

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
Students will demonstrate an ability to communicate with technical and non-technical audience effectively and appropriately.
The percentage of portfolio evaluations (for the last three years) receiving scores of 4.0 or above for the effective communication indicator of the CIS 449 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
N/A

Performance Target for "Met"
80% or more portfolio evaluations (for the last three years) received a score of 3.5 or above for the effective communication indicator of the CIS 449 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 effective communication indicator of the CIS 449 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 effective communication indicator of the CIS 449 portfolio rubric.

Assessment Measure Used
CIS 449 final project presentation

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Faculty is working on developing the rubric for the CIS 449 portfolio assessment. This rubric will be used to score different aspects of CIS 449 portfolios submitted by students.

Resources Needed to Meet/Sustain Results
N/A

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

Goal 7

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
Students who graduate with a B.S. degree in Cybersecurity will demonstrate the ability to self-learn.

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
Students will be able to complete a small-scale cybersecurity research project. The percentage of portfolio evaluations (for the last three years) receiving scores of 4.0 or above for the self-learning and research indicator of the CIS 449 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
N/A

Performance Target for "Met"

80% or more portfolio evaluations (for the last three years) received a score of 3.5 or above for the self-learning and research indicator of the CIS 449 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 self-learning and research indicator of the CIS 449 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 self-learning and research indicator of the CIS 449 portfolio rubric

Assessment Measure Used
Faculty evaluation of CIS 449 research project portfolio

Frequency of Assessment
Yearly

Data Collected for this Timeframe (Results)
N/A

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

Comments/Narrative
Faculty is working on developing the rubric for the CIS 449 portfolio assessment. This rubric will be used to score different aspects of CIS 449 portfolios submitted by students.

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?

Signature of Dean

Comments from Dean's Review