



**UNIT/PROGRAM NAME:** Computer Information Systems  
**OFFICE OF PRIMARY RESPONSIBILITY:** Mathematics and Computing  
**ASSESSMENT COORDINATOR:** Dr. Farha Ali  
**SUBMISSION DATE OF THE REPORT:** Thursday, September 27, 2018

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### **ACADEMIC YEAR 2017-2018**

#### **INSTRUCTIONS:**

To comply with institutional effectiveness expectations, units/programs **MUST**:

- identify expected outcomes,
- assesses the extent to which it achieves these outcomes, and
- provide evidence of improvement based on analysis of the results

Guidance for preparing Unit Goals and Indicators of Success Reports:

- Use multiple assessments (Indicators of Success) for each Unit Goal.
- Reports must demonstrate engagement in on-going planning and assessment which is consistent over time to enable the unit to evaluate students, courses or a program. Shared widely within and across programs, the results of this assessment must be used to inform decisions about curricular and programmatic revisions. At appropriate intervals, program and learning outcomes and assessment methods should be evaluated and revised.
- Develop and/or use methods and instruments that are uniquely suited to the goal statements/Indicators of Success and that are supported by faculty/unit.
- Each Report must contain “mature data” (at least five years - sufficient information used as a basis for sound decision making).
- Each Report must provide evidence of improvement, based on the analysis of the assessment results, as opposed to a plan for improvement.

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**1. UNIT/PROGRAM GOAL 1:** Graduates will demonstrate the skills needed to solve Computer Information Systems problems.

**1.1. STRATEGIC PLANNING FRAMEWORK PILLAR SUPPORTED:** 4. Graduates Who Are Gainfully Employed or Admitted to Graduate School

**1.2. TIMEFRAME FOR ASSESSMENT OF THIS GOAL AND INDICATORS OF SUCCESS:** Academic Year 2017-2018

**1.3. INDICATORS OF SUCCESS/STUDENT LEARNING OUTCOMES, SUMMARY OF OUTCOME DATA AND EXPECTED OUTCOMES<sup>1</sup>**

Indicator of Success / Student Learning Outcome	Summary Data for this Timeframe	Expected Outcome: Met (3)	Expected Outcome: Partially Met (2)	Expected Outcome: Not Met (1)	Score
1.3.1. Percentage of students scoring 70% or above in programming section of faculty developed CIS Mid-Term exam	8.33% (1/12)	70% or more students scored 70%* or above in Midterm exam	60% to 69% students scored 70%* or above in Midterm exam	less than 60% students scored 70%* or above in Midterm exam	1.00
1.3.2. 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.)	82.61% (19/23)	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	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..	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..	3.00
1.3.3. 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	83.33% (20/24)	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	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 development methodology indicator of the CIS 499 portfolio rubric..	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	3.00

<sup>1</sup> Expected Outcomes **must** be mutually exclusive for Met, Partially Met and Not Met.



1.3.4.	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.	92.65% (22/23)	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..	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	.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	3.00
1.3.5.	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.	86.36% (19/22)	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.	.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.	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	3.00

1.4. **AVERAGE SCORE FOR ALL INDICATORS OF SUCCESS:** Outcome 1 score=1, , Outcome 2 score=3, Outcome 3 score=3, Outcome 4 score=3, Outcome 5 score=3, OverAll Average = (1+3+3+3+3)/5=2.6

1.5. **ASSESSMENT INSTRUMENTS AND FREQUENCY OF ASSESSMENT:**

Indicator of Success	Assessment Instruments	Frequency of Assessment
1.5.1.	CIS 499 Mid-Term Exam	Annually to students in CIS-499
1.5.2.	Programming principles indicator in CIS-499 portfolio sssessment rubric	Annually (Faculty evaluations of CIS-499 portfolio(s))
1.5.3.	System development methodology indicator in CIS-499 portfolio sssessment rubric	Annually (Faculty evaluations of CIS-499 portfolio(s))
1.5.4.	Data organization and management indicator of the CIS-499 portfolio rubric.	Annually (Faculty evaluations of CIS-499 portfolio(s))
1.5.5.	Information systems principles indicator of the CIS-499 portfolio rubric.	Annually (Faculty evaluations of CIS-499 portfolio(s))

1.6. **REVIEW AND SUMMARY OF EXPECTED OUTCOMES – Date Reviewed: 9/10/2018**

(THE FOCUS OF NARRATIVE SHOULD BE ON PROVIDING EVIDENCE OF IMPROVEMENT, BASED ON THE ANALYSIS OF THE ASSESSMENT RESULTS, AND NOT A PLAN FOR IMPROVEMENT):

1.6.1. **OUTCOME 1 COMMENTS:** The criteria for this outcome is not met. Mid-Term exam was introduced in 2017 and 2018 was the first year the test was administered electronically using Blackboard. The result is not satisfactory and faculty is considering the factors that might have caused this outcome to not met. Faculty will review the difficulty of the questions and also re-consider procedure of test administration.

1.6.1.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 1:** None

1.6.1.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

1.6.2. **OUTCOME 2 COMMENTS:** Criteria was met and no new actions will be taken

1.6.2.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 2:** None

1.6.2.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

1.6.3. **OUTCOME 3 COMMENTS:** Criteria was met but the overall average was slightly below the last year's rolling average. Faculty will monitor this outcome closely

1.6.3.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 3:** None

1.6.3.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

1.6.4. **OUTCOME 4 COMMENTS:** Criteria was met and the percentage score was slightly above the last year's average.

1.6.4.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 4:** None

1.6.4.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

1.6.5. **OUTCOME 5 COMMENTS:** Criteria this year improved to 'met' from last years 'partially met' status. A significant increase in criteria score is noted as well.

1.6.5.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 5:** None

**1.6.5.2. EXPLANATION OF HOW RESOURCES WILL BE USED: N/A**

**1.7. SUMMARY COMMENTS FOR OUTCOMES 1-5:**

All expected outcomes met the expected criteria except for outcome 1. Outcome 1 is used to measure students' understanding of programming concepts. The score was very disappointing as only one student 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.

**1.8. CHANGES MADE/PROPOSED TO PROGRAM AS A RESULT OF OUTCOMES 1-5:** Right now the faculty is most concerned about improving the outcome 1 score. Faculty has decided to redesign the Mid-Term exam and consider administering exam using both written and electronic versions. Faculty will continue current practices for rest of the four outcomes.

**2. UNIT/PROGRAM GOAL 2:** Graduates will demonstrate effective oral and written communication skills.

**2.1. STRATEGIC PLANNING FRAMEWORK PILLAR SUPPORTED:** 4. Graduates Who Are Gainfully Employed or Admitted to Graduate School

**2.2. TIMEFRAME FOR ASSESSMENT OF THIS GOAL AND INDICATORS OF SUCCESS:** Academic Year 2017-2018

**2.3. INDICATORS OF SUCCESS/STUDENT LEARNING OUTCOMES, SUMMARY OF OUTCOME DATA AND EXPECTED OUTCOMES<sup>2</sup>**

Indicator of Success / Student Learning Outcome	Summary Data for this Timeframe	Expected Outcome: Met (3)	Expected Outcome: Partially Met (2)	Expected Outcome: Not Met (1)	Score
2.3.1. The percentage of potfolios (evaluated within last three years) that received scores of 3.5 or above for the writing skills indicator of the CIS 499 portfolio rubric.).	91.67% (22/24)	80% or more portfolios evaluations (for the last three years) should recieve a score of 3.5 or above for the 'writing skills' indicator..	. 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.	Less than 70% portfolios evaluations (for the last three years) should recieve a score of 3.5 or above for the 'writing skills' indicator . .	3.00
2.3.2 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	3.7	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 'organization' must be 3.0 or above.	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 criteri for 'organization' must be less than 3.0 but more than 2.5	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	3.00
2.3.3 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 material presentation criteria.	3.58	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 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 criteri for 'presentaion' must be less than 3.0 but more than 2.5	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 criteri for 'presentation' must be less than or equal to 2.5	3.00
2.3.4. 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 delivery of material criteria.	3.56	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 3.0 or above.	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 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	3.00

<sup>2</sup> Expected Outcomes **must** be mutually exclusive for Met, Partially Met and Not Met.

2.3.5. 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.	3.62	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 'relating to audience' must be 3.0 or above.	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 'relating to audience' must be less than 3.0 but more than 2.5	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 'relating to audience' must be less than or equal to 2.5	3.00
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2.4. **AVERAGE SCORE FOR ALL INDICATORS OF SUCCESS:** Outcome 1 Score=3, Outcome 2 score =3, Outcome 3 score =3, Outcome 4 score =3, Outcome 5 score =3, Average score f 5 outcomes measured is  $(3+3+3+3+3)/5 = 3$

2.5. **ASSESSMENT INSTRUMENTS AND FREQUENCY OF ASSESSMENT:**

<b>Indicator of Success</b>	<b>Assessment Instruments</b>	<b>Frequency of Assessment</b>
2.5.1.	Writing skills Indicator in CIS 499 Project Portfolio Assessment Rubric	Annually in CIS 499
2.5.2.	CIS 499 Project Presentation Walkthrough Rubric	Annually in CIS 499
2.5.3.	CIS 499 Project Presentation Walkthrough Rubric	Annually in CIS 499
2.5.4.	CIS 499 Project Presentation Walkthrough Rubric	Annually in CIS 499
2.5.5.	CIS 499 Project Presentation Walkthrough Rubric	Annually in CIS 499

2.6. **REVIEW AND SUMMARY OF EXPECTED OUTCOMES – Date Reviewed: 9/10/2018**

(THE FOCUS OF NARRATIVE SHOULD BE ON PROVIDING EVIDENCE OF IMPROVEMENT, BASED ON THE ANALYSIS OF THE ASSESSMENT RESULTS, AND NOT A PLAN FOR IMPROVEMENT):

2.6.1. **OUTCOME 1 COMMENTS:** This outcome met its expected criteria.

2.6.1.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 1:** None

2.6.1.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

2.6.2. **OUTCOME 2 COMMENTS:** This outcome met its expected criteria.

2.6.2.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 2:** None

2.6.2.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

2.6.3. **OUTCOME 3 COMMENTS:** This outcome met its expected criteria.

2.6.3.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 3:** None

2.6.3.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

2.6.4. **OUTCOME 4 COMMENTS:** This outcome met its expected criteria.

2.6.4.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 4:** None

2.6.4.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

2.6.5. **OUTCOME 5 COMMENTS:** This outcome met its expected criteria.

2.6.5.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 5:** None

2.6.5.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

2.7. **SUMMARY COMMENTS FOR OUTCOMES 1-5:**

All outcomes met the expected criteria. The results were almost the same as last year. We did notice an improvement in students' writing skills in portfolio evaluations.

2.8. **CHANGES MADE/PROPOSED TO PROGRAM AS A RESULT OF OUTCOMES 1-5:** No changes were proposed. Faculty will continue current practices.

**3. UNIT/PROGRAM GOAL 3:** Graduates will demonstrate the ability to independently reasearch and complete a CIS project

**3.1. STRATEGIC PLANNING FRAMEWORK PILLAR SUPPORTED:** 4. Graduates Who Are Gainfully Employed or Admitted to Graduate School

**3.2. TIMEFRAME FOR ASSESSMENT OF THIS GOAL AND INDICATORS OF SUCCESS:** Academic Year 2017-2018

**3.3. INDICATORS OF SUCCESS/STUDENT LEARNING OUTCOMES, SUMMARY OF OUTCOME DATA AND EXPECTED OUTCOMES<sup>3</sup>**

Indicator of Success / Student Learning Outcome	Summary Data for this Timeframe	Expected Outcome: Met (3)	Expected Outcome: Partially Met (2)	Expected Outcome: Not Met (1)	Score
3.3.1 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.	87.5% (21/24)	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	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.	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.	3.00
3.3.2 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)	100%(11/11)	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.	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	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	3.00
3.3.3					Outcome 3: Score.
3.3.4					Outcome 4: Score.

<sup>3</sup> Expected Outcomes **must** be mutually exclusive for Met, Partially Met and Not Met.

3.3.5

Outcome  
5: Score.

3.4. **AVERAGE SCORE FOR ALL INDICATORS OF SUCCESS:** Outcome 1 score=3, Outcome 2 score=3, , Overall Average is 6/2=3

3.5. **ASSESSMENT INSTRUMENTS AND FREQUENCY OF ASSESSMENT:**

<b>Indicator of Success</b>	<b>Assessment Instruments</b>	<b>Frequency of Assessment</b>
3.5.1.	Self Learning and Research Indicator in CIS 499 Project Portfolio Assessment Rubric, evaluated by CIS faculty	Annually in CIS 499
3.5.2.	Internship/EYE employee evaluation rubric	As available
3.5.3.		
3.5.4.		
3.5.5.		

3.6. **REVIEW AND SUMMARY OF EXPECTED OUTCOMES –** Date Reviewed: 9/10/2018

(THE FOCUS OF NARRATIVE SHOULD BE ON PROVIDING EVIDENCE OF IMPROVEMENT, BASED ON THE ANALYSIS OF THE ASSESSMENT RESULTS, AND NOT A PLAN FOR IMPROVEMENT):

3.6.1. **OUTCOME 1 COMMENTS:** The outcome criteria for this year improved from last year’s ‘partially met’ to met. The portfolio assessment score has significantly improved from 78% last year to 87% this year.

3.6.1.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 1:** None

3.6.1.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A



3.6.2. **OUTCOME 2 COMMENTS:** In the last three years we have seen a rise in the number of internship opportunities. Faculty eagerly seeks EYE project opportunities for students, and encourage them to gain experiential knowledge.

3.6.2.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 2:** None

3.6.2.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

3.6.3. **OUTCOME 3 COMMENTS:** N/A

3.6.3.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 3:** None

3.6.3.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

3.6.4. **OUTCOME 4 COMMENTS:** N/A

3.6.4.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 4:** None

3.6.4.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

3.6.5. **OUTCOME 5 COMMENTS:** N/A

3.6.5.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 5:** None

3.6.5.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

3.7. **SUMMARY COMMENTS FOR OUTCOMES 1-5:**

Outcome 1 has shown significant improvement. Faculty is satisfied with the improvement. Similarly, faculty has seen positive progress in students' interest in experiential learning.

3.8. **CHANGES MADE/PROPOSED TO PROGRAM AS A RESULT OF OUTCOMES 1-5:** Faculty will continue current practices of assigning research-based assignments in various CIS classes.

**4. UNIT/PROGRAM GOAL 4:** Graduates demonstrate an understanding of the legal and ethical issues they may encounter as CIS professionals.

4.1. **STRATEGIC PLANNING FRAMEWORK PILLAR SUPPORTED:** Choose a Pillar

4.2. **TIMEFRAME FOR ASSESSMENT OF THIS GOAL AND INDICATORS OF SUCCESS:** Academic Year 2017-2018

4.3. **INDICATORS OF SUCCESS/STUDENT LEARNING OUTCOMES, SUMMARY OF OUTCOME DATA AND EXPECTED OUTCOMES<sup>4</sup>**

Indicator of Success / Student Learning Outcome	Summary Data for this Timeframe	Expected Outcome: Met (3)	Expected Outcome: Partially Met (2)	Expected Outcome: Not Met (1)	Score
4.3.1 Number of violations reported in CIS 499 peer review form.	0	No ethical violations reported.	1 violation reported.	2 or more violations reported.	3.00
4.3.2 The percentage of potfolios (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.	79.17% (19/24)	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	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.	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.	2.00
4.3.3					Outcome 3: Score.
4.3.4					Outcome 4: Score.

<sup>4</sup> Expected Outcomes **must** be mutually exclusive for Met, Partially Met and Not Met.

4.3.5.

Outcome  
5: Score.

4.4. **AVERAGE SCORE FOR ALL INDICATORS OF SUCCESS:** Outcome 1 score=3, Outcome 2 score=2, Overall Average =  $(3+2)/2=2.5$

4.5. **ASSESSMENT INSTRUMENTS AND FREQUENCY OF ASSESSMENT:**

<b>Indicator of Success</b>	<b>Assessment Instruments</b>	<b>Frequency of Assessment</b>
4.5.1.	CIS 499 Capstone project Peer Review Assessment	Annually in CIS 499
4.5.2.	Legal and ethical issues indicator in CIS-499 portfolio assessment rubric	Annually (Faculty evaluations of CIS-499 portfolio(s))
4.5.3.		
4.5.4.		
4.5.5.		

4.6. **REVIEW AND SUMMARY OF EXPECTED OUTCOMES – Date Reviewed: 9/10/2018**

(THE FOCUS OF NARRATIVE SHOULD BE ON PROVIDING EVIDENCE OF IMPROVEMENT, BASED ON THE ANALYSIS OF THE ASSESSMENT RESULTS, AND NOT A PLAN FOR IMPROVEMENT):

4.6.1. **OUTCOME 1 COMMENTS:** The criteria is met.

4.6.1.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 1:** None

4.6.1.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

4.6.2. **OUTCOME 2 COMMENTS:** Outcome 2 criteria is improved from 'not met' last year to 'partially met' this year. The score increased from 68% to 79.17 %.

4.6.2.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 2:** None

4.6.2.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

4.6.3. **OUTCOME 3 COMMENTS:** N/A

4.6.3.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 3:** None

4.6.3.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

4.6.4. **OUTCOME 4 COMMENTS:** N/A

4.6.4.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 4:** None

4.6.4.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

4.6.5. **OUTCOME 5 COMMENTS:** N/A

4.6.5.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 5:** None

4.6.5.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** N/A

4.7. **SUMMARY COMMENTS FOR OUTCOMES 1-5:**

Outcome 1 score stayed the same. Outcome 2 score has significantly increased from last year but still it is not high enough ( although only less than one point) for the criteria score for 'met'.

4.8. **CHANGES MADE/PROPOSED TO PROGRAM AS A RESULT OF OUTCOMES 1-5:** Faculty will continue current practices for improving this outcome.

**5. UNIT/PROGRAM GOAL 5:** To comply with Program Productivity standards as defined by the South Carolina Commission on Higher Education

5.1. STRATEGIC PLANNING FRAMEWORK PILLAR SUPPORTED: 1. High Demand, Market-Driven Programs

5.2. TIMEFRAME FOR ASSESSMENT OF THIS GOAL AND INDICATORS OF SUCCESS: 2017-2018

5.3. INDICATORS OF SUCCESS/STUDENT LEARNING OUTCOMES, SUMMARY OF OUTCOME DATA AND EXPECTED OUTCOMES<sup>5</sup>

Indicator of Success / Student Learning Outcome	Summary Data for this Timeframe	Expected Outcome: Met (3)	Expected Outcome: Partially Met (2)	Expected Outcome: Not Met (1)	Score
5.3.1 Major Enrollment	81.8	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.	Not Applicable	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.	3.00
5.3.2 Completions (Degrees Awarded)	8.4	Using a five-year rolling average, the number of degrees awarded (a) for	Not Applicable	Using a five-year rolling average, the number of degrees awarded (a) for	3.00

<sup>5</sup> Expected Outcomes **must** be mutually exclusive for Met, Partially Met and Not Met.

Baccalaureate programs is greater than or equal to 8, (b) for Master's/First Professional is greater than or equal to 3.

Baccalaureate programs is less than 8 (b) for Master's/First Professional is less than 3.

<p>5.3.3 Outcome 3: click here to enter Indicator of Success/Student Learning Outcome 3.</p>	<p>Click here to enter Outcome 3 Summary Data.</p>	<p>Outcome 3: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 3 (i.e.: a score, a range of scores) describing a level of attainment which "Meets" the expectations of the unit/program.</p>	<p>Outcome 3: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 3 (i.e.: a score, a range of scores) describing a level of attainment which "Partially Meets" the expectations of the unit/program.</p>	<p>Outcome 3: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 3 (i.e.: a score, a range of scores) describing a level of attainment which "Does Not Meet" the expectations of the unit/program.</p>	<p>Outcome 3: Score.</p>
<p>5.3.4 Outcome 4: click here to enter Indicator of Success/Student Learning Outcome 4.</p>	<p>Click here to enter Outcome 4 Summary Data.</p>	<p>Outcome 4: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 4 (i.e.: a score, a range of scores) describing a level of attainment which "Meets" the expectations of the unit/program.</p>	<p>Outcome 4: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 4 (i.e.: a score, a range of scores) describing a level of attainment which "Partially Meets" the expectations of the unit/program.</p>	<p>Outcome 4: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 4 (i.e.: a score, a range of scores) describing a level of attainment which "Does Not Meet" the expectations of the unit/program.</p>	<p>Outcome 4: Score.</p>

5.3.5. Outcome 5: click here to enter Indicator of Success/Student Learning Outcome 5.	Click here to enter Outcome 5 Summary Data.	Outcome 5: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 5 (i.e.: a score, a range of scores) describing a level of attainment which "Meets" the expectations of the unit/program.	Outcome 5: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 5 (i.e.: a score, a range of scores) describing a level of attainment which "Partially Meets" the expectations of the unit/program.	Outcome 5: click here to enter a specific and measurable outcome for Indicator of Success/Student Learning Outcome 5 (i.e.: a score, a range of scores) describing a level of attainment which "Does Not Meet" the expectations of the unit/program.	Outcome 5: Score.
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5.4. **AVERAGE SCORE FOR ALL INDICATORS OF SUCCESS:** Outcome score=3 and Outcome2 score=3, Average score= (3+3)/2=3

5.5. **ASSESSMENT INSTRUMENTS AND FREQUENCY OF ASSESSMENT:**

<b>Indicator of Success</b>	<b>Assessment Instruments</b>	<b>Frequency of Assessment</b>
5.5.1.	South Carolina Commission on Higher Education Management Information System (CHEMIS), the Commission's Academic Degree Program Inventory, Lander University Fact Book	Annually
5.5.2.	Outcome 2: click here to enter the assessment instrument used for Indicator of Success/Student Learning Outcome 2.	Outcome 2: click here to enter the frequency of assessment for Indicator of Success/Student Learning Outcome 2.
5.5.3.	Outcome 3: click here to enter the assessment instrument used for Indicator of Success/Student Learning Outcome 3.	Outcome 3: click here to enter the frequency of assessment for Indicator of Success/Student Learning Outcome 3.
5.5.4.	Outcome 4: click here to enter the assessment instrument used for Indicator of Success/Student Learning Outcome 4.	Outcome 4: click here to enter the frequency of assessment for Indicator of Success/Student Learning Outcome 4.

- 5.5.5. Outcome 5: click here to enter the assessment instrument used for Indicator of Success/Student Learning Outcome 5. Outcome 5: click here to enter the frequency of assessment for Indicator of Success/Student Learning Outcome 5.

**5.6. REVIEW AND SUMMARY OF EXPECTED OUTCOMES – Date Reviewed:** Click here to enter a review date.

(THE FOCUS OF NARRATIVE SHOULD BE ON PROVIDING EVIDENCE OF IMPROVEMENT, BASED ON THE ANALYSIS OF THE ASSESSMENT RESULTS, AND NOT A PLAN FOR IMPROVEMENT):

5.6.1. **OUTCOME 1 COMMENTS:** Click here to enter a discussion of the assessment results and actions taken to improve the unit/program based on an analysis of assessment data.

5.6.1.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 1:** Click here to enter dollar amount/other resources required.

5.6.1.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** Click here to enter explanation of how the resources will be used to achieve or sustain results.

5.6.2. **OUTCOME 2 COMMENTS:** Click here to enter a discussion of the assessment results and actions taken to improve the unit/program based on an analysis of assessment data.

5.6.2.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 2:** Click here to enter dollar amount/other resources required.

5.6.2.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** Click here to enter explanation of how the resources will be used to achieve or sustain results.

5.6.3. **OUTCOME 3 COMMENTS:** Click here to enter a discussion of the assessment results and actions taken to improve the unit/program based on an analysis of assessment data.

5.6.3.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 3:** Click here to enter dollar amount/other resources required.

5.6.3.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** Click here to enter explanation of how the resources will be used to achieve or sustain results.



5.6.4. **OUTCOME 4 COMMENTS:** Click here to enter a discussion of the assessment results and actions taken to improve the unit/program based on an analysis of assessment data.

5.6.4.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 4:** Click here to enter dollar amount/other resources required.

5.6.4.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** Click here to enter explanation of how the resources will be used to achieve or sustain results.

5.6.5. **OUTCOME 5 COMMENTS:** Click here to enter a discussion of the assessment results and actions taken to improve the unit/program based on an analysis of assessment data.

5.6.5.1. **ADDITIONAL RESOURCES REQUIRED TO ACHIEVE OR SUSTAIN RESULTS FOR INDICATOR OF SUCCESS 5:** Click here to enter dollar amount/other resources required.

5.6.5.2. **EXPLANATION OF HOW RESOURCES WILL BE USED:** Click here to enter explanation of how the resources will be used to achieve or sustain results.

**5.7. SUMMARY COMMENTS FOR OUTCOMES 1-5:**

Click here to enter a discussion of the assessment results of all Expected Outcomes combined.

**5.8. CHANGES MADE/PROPOSED TO PROGRAM AS A RESULT OF OUTCOMES 1-5:** Click here to list the changes made/proposed to the program as a result of an analysis of the assessment results. Please be concise yet thorough.