



## 2018-19 Public Disclosure of Student Learning

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Institution: Montana Technological University

Academic Business Unit: Department of Business and Information Technology

Date of Submission: November 1, 2019

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**Public Disclosure of Student Learning  
Montana Technological University  
Department of Business and Information Technology**

Section I: Mission and Broad-Based Goals

**Mission of the Department of Business and Information Technology:**

The mission of the Business and Information Technology Department is to prepare tomorrow's leaders for the challenges of a dynamic global business environment by leveraging innovative information technology.

BACHELOR OF SCIENCE IN BUSINESS AND INFORMATION TECHNOLOGY		
a. Program Intended Student Learning Outcomes (Program ISLOs) – All Options		
1.		<i>Students will be able integrate multiple disciplines and functions within a business to inform decision making.</i>
2.		<i>Students will be able to identify business problems and recommend potential solutions.</i>
3.		<i>Students will be able to apply legal and ethical principles to organizational decision making.</i>
4.		<i>Students will be able to communicate by applying written, oral, and nonverbal communication skills in a business environment.</i>
5.		<i>Students will be able to contribute, either as a participant or as a leader, to work performed within teams.</i>
6.		<i>Students will be able to apply information technology to recommend solutions to business problems (in the accomplishment of business objectives and in the solving of business problems).</i>
7.		<i>Students will be able to identify the implications of international issues that characterizes today's global business environment.</i>

		<b>b. Assessment Instruments for Intended Student Learning Outcomes— Direct Measures of Student Learning:</b>	<b>c. Performance Objectives (Targets/Criteria) for Direct Measures:</b>
1.		Business Strategy Game – Comprehensive Exam Program ISLOs Assessed by this Measure: 1,2,7	<p>ISLO #1: At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50<sup>th</sup> percentile ranking for the Comprehensive Exam.</p> <p>ISLO #2: At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50<sup>th</sup> percentile ranking for the Evaluating Strategies section.</p> <p>ISLO #7: At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50<sup>th</sup> percentile ranking for the Global Market Factors section.</p>
2.		Business Strategy Game – Simulation Learning Assurance Report Program ISLOs Assessed by this Measure: 5	At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50 <sup>th</sup> percentile ranking for both the Leadership Skills component and the Collaborative and Teamwork component.
3.		Business Strategy Game – Board Meeting Program ISLOs Assessed by this Measure: 4,5	<p>ISLO #4: At least 80 percent of our students studying under the BS program would receive a performance rating of at least Competent in the scoring rubric related to oral and nonverbal communication skills.</p> <p>ISLO #5: At least 80 percent of our students studying under the BS program would receive a performance rating of at least Competent in the scoring rubric related to the ability to contribute to work performed in teams.</p>
4.		Harvard Business Publishing – Case Study – Ability to Identify Business Problems and Recommend Potential Solutions. Program ISLOs Assessed by this Measure: 2,4	<p>ISLO #2: At least 80 percent of our students studying under the BS program would receive a performance rating of at least Competent in the scoring rubric related to the ability to identify business problems and recommend potential solutions.</p> <p>ISLO #4: At least 80 percent of our students studying under the BS program would receive a performance rating of at least Competent in the scoring rubric related to applying written communication skills.</p>

5.		<p>Strategic Management - Capstone class - Final Exam – Peregrine Program ISLOs Assessed by this Measure: 3,6,7</p>	<p>ISLO #3: At least 60 percent of our students studying under the Bachelor of Science program would equal or exceed the worldwide 50th percentile ranking for Business Ethics.</p> <p>ISLO #3: At least 60 percent of our students studying under the Bachelor of Science program would equal or exceed the worldwide 50th percentile ranking for Legal Environment of Business.</p> <p>ISLO #6: At least 60 percent of our students studying under the Bachelor of Science program would equal or exceed the worldwide 50th percentile ranking for Information Management Systems.</p> <p>ISLO #7: At least 60 percent of our students studying under the Bachelor of Science program would equal or exceed the worldwide 50th percentile ranking for Global Dimensions of Business.</p>
		<p><b>d. Assessment Instruments for Intended Student Learning Outcomes— Indirect Measures of Student Learning:</b></p>	<p><b>e. Performance Objectives (Targets/Criteria) for Indirect Measures:</b></p>
1.		<p>Capstone Class - Student Exit Survey Program ISLOs Assessed by this Measure: 1,2,3,4,5,6,7</p>	<p>At least 90 percent of our students studying under the Bachelor of Science program would state that they believe they have been successful in their acquisition of the ability related to the program’s seven ISLOs.</p>
		<p><b>f. Summary of Results from Implementing Direct Measures of Student Learning:</b></p>	
1.		<p>ISLO #1: 58.8 percent of our students studying under the BS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Business Strategy Game Comprehensive Exam. – Unsatisfactory/satisfactory</p> <p>ISLO #2: 82.4% of our students studying under the BS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Evaluating Strategies section. – Satisfactory</p> <p>ISLO #7: 64.7 percent of our students studying under the BS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Global Market Factors section. - Satisfactory</p>	
2.		<p>ISLO #5 Leadership: 17.6 percent of our students studying under the BS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Leadership Skills component. – Unsatisfactory</p> <p>ISLO #5 Collaboration and Teamwork: 47.1 percent of our students studying under the BS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Collaborative and Teamwork component. – Unsatisfactory</p>	

3.		<p>ISLO #4: 93.3 percent of our students studying under the BS program received a performance rating of at least Competent in the scoring rubric related to oral and nonverbal communication skills. – Satisfactory</p> <p>ISLO #5: 100.0 percent of our students studying under the BS program received a performance rating of at least Competent in the scoring rubric related to the ability to contribute to work performed in teams. - Satisfactory</p>
4.		<p>ISLO #2: 94.1 percent of our students studying under the BS program received a performance rating of at least Competent in the scoring rubric related to the ability to identify business problems and recommend potential solutions.</p> <p>ISLO #4: 94.1 percent of our students studying under the BS program received a performance rating of at least Competent in the scoring rubric related to applying written communication skills.</p>
5.		<p>ISLO #3: 41.2 percent of our students studying under the Bachelor of Science program equaled or exceeded the worldwide 50th percentile ranking for Business Ethics. – Unsatisfactory</p> <p>ISLO #3: 58.8 percent of our students studying under the Bachelor of Science program equaled or exceeded the worldwide 50th percentile ranking for Legal Environment of Business. – Unsatisfactory/satisfactory</p> <p>ISLO #6: 70.6 percent of our students studying under the Bachelor of Science program equaled or exceeded the worldwide 50th percentile ranking for Information Management Systems. – Satisfactory</p> <p>ISLO #7: 41.2 percent of our students studying under the Bachelor of Science program equaled or exceeded the worldwide 50th percentile ranking for Global Dimensions of Business. – Unsatisfactory</p>
<p><b>g. Summary of Results from Implementing Indirect Measures of Student Learning:</b></p>		
1.		<p>100.0 percent of our students studying under the Bachelor of Science program stated that they believe they have been successful in their acquisition of the ability related to each of the program’s seven ISLOs. – Satisfactory</p>

**h. Summary of Achievement of Intended Student Learning Outcomes:**

Intended Student Learning Outcomes (ISLOs)		Learning Assessment Measures								
		Direct Measures of Student Learning				Indirect Measures of Student Learning				
Program ISLOs		Business Strategy Game – Comprehensive Exam	Business Strategy Game – Simulation Learning Assurance Report	Business Strategy Game – Board Meeting	Harvard Business Publishing – Case Study	Strategic Mgmt - Capstone class - Final Exam – Peregrine	Capstone Class - Student Exit Survey	Indirect Measure 2	Indirect Measure 3	Indirect Measure 4
		Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...
1.	<i>Students will be able integrate multiple disciplines and functions within a business to inform decision making.</i>	Not Met					Met			
2.	<i>Students will be able to identify business problems and recommend potential solutions.</i>	Met			Met		Met			
3.	<i>Students will be able to apply legal and ethical principles to organizational decision making.</i>					Legal: Not Met Ethical: Not Met	Met			
4.	<i>Students will be able to communicate by applying written, oral, and nonverbal communication skills in a business environment.</i>			Oral and Nonverbal Commun.: Met	Written Commun.: Met		Met			
5.	<i>Students will be able to contribute, either as a participant or as a leader, to work performed within teams.</i>		Leadership: Not Met Collaboration and	Collaboration and Teamwork: Met			Met			

			Teamwork: Not Met							
6.	<i>Students will be able to apply information technology to recommend solutions to business problems (in the accomplishment of business objectives and in the solving of business problems).</i>					Met	Met			
7.	<i>Students will be able to identify the implications of international issues that characterizes today's global business environment.</i>	Met				Not Met	Met			

**Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:**

1. The results received from the Business Strategy Game Comprehensive exam related to a total score were slightly under the goal of 60 percent. These same results were satisfactory in the previous year. The Department discussed the current results and concluded that there was not specific changes necessary and the results for next year would be reviewed.
2. The results received from the Business Strategy Game Learning Assurance report related to both leadership and collaboration and teamwork were unsatisfactory. These same results were satisfactory in the previous year. This assessment is done as a part of the Business Strategy Game in the Strategic Management Capstone course. The Department discussed the current results and concluded that more time will be allocated to these topics in the Strategic Management Capstone class.
3. The results received from the Strategic Management - Capstone class - Final Exam – Peregrine: The results related to the Information Management Systems were satisfactory and the results related to the legal environment of business were just below satisfactory. The results for Business Ethics and Global Dimensions of Business were both unsatisfactory. The Department discussed these results and concluded this was the first year we have used the Peregrine test and it was difficult to properly judge the results. It was decided that the topics under the Business Ethics and Global Dimensions of Business would be further explored and we will revisit a plan of action before the end of the Fall 2019 semester.

**BACHELOR OF SCIENCE IN BUSINESS AND INFORMATION TECHNOLOGY - OPTIONS**

**a. Program Intended Student Learning Outcomes (Program ISLOs) – Accounting Option**

1. Students will possess competency in their chosen field of study.

**a. Program Intended Student Learning Outcomes (Program ISLOs) – Marketing Option**

1. Students will possess competency in their chosen field of study.

**a. Program Intended Student Learning Outcomes (Program ISLOs) – Management Option**

1. Students will possess competency in their chosen field of study.

**a. Program Intended Student Learning Outcomes (Program ISLOs) – Information Technology Option**

1. Students will possess competency in their chosen field of study.

**a. Program Intended Student Learning Outcomes (Program ISLOs) – Management of Natural Resources Option**

1. Students will possess competency in their chosen field of study.

**a. Program Intended Student Learning Outcomes (Program ISLOs) – Health Information Technology**

1. Students will possess competency in their chosen field of study.

**b. Assessment Instruments for Intended Student Learning Outcomes—  
Direct Measures of Student Learning:**

1. Student Portfolio in the Related Option  
Program ISLOs Assessed by this Measure: 1

2. Strategic Management - Capstone class - Final Exam – Peregrine  
Program ISLOs Assessed by this Measure: 1

**c. Performance Objectives (Targets/Criteria) for Direct Measures:**

At least 100 percent of our students studying under the BS program will have a completed portfolio related to the concentration coursework of their respective option.

At least 50 percent of our students studying under the BS program would equal or exceed the 50<sup>th</sup> percentile ranking for the related option exam score from the Peregrine Exam for the exams that were built by Peregrine (Accounting and Marketing).  
At least 67 percent of our students studying under the BS program would equal or exceed the 50 percent mark for the related option exam score from the



		Peregrine Exam for the exams that were built by the Department (Management, Natural Resource Management, Information Technology and Health Information Technology).
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d. Assessment Instruments for Intended Student Learning Outcomes— Indirect Measures of Student Learning:		e. Performance Objectives (Targets/Criteria) for Indirect Measures:
f. Summary of Results from Implementing Direct Measures of Student Learning:		
1.		<p>ISLO #1: 100.0 percent of our students studying under the BS program have a completed portfolio related to the concentration coursework of their respective option. - Satisfactory</p> <p>Accounting Option (n=5) – 100.0% with portfolio: Class projects from ACTG 303, ACTG 321, ACTG 401, ACTG 411, ACTG 415, and ACTG 436</p> <p>Marketing Option (n = 3) – 100.0% with portfolio: Class projects from BMKT 449</p> <p>Management Option (n=5) – 100.0% with portfolio: Class projects from BMGT 448 and BMGT 426</p> <p>Information Technology (n=1) – 100.0% with portfolio: Class projects from BMIS 415 and BMIS 416</p> <p>Management of Natural Resources Option (n=3) – 100.0% with portfolio: Class projects from BGEN 430, BGEN 431, BGEN 432, BGEN 433, and BGEN 491</p> <p>Health Information Technology (n=0) – Class projects from HCI 410</p>
2.		<p>ISLO #1: At least 60 percent of our students studying under the BS program would equal or exceed a score of 50 percent for the related option exam score from the Peregrine Exam.</p> <p>Accounting Option (n=5) – 60% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Peregrine Questions). - Satisfactory</p> <p>Marketing Option (n=3)– 67% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Peregrine Questions). - Satisfactory</p> <p>Management Option (n=5) – 60% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Department Questions). - Unsatisfactory</p> <p>Information Technology (n=1) – 67% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Department Questions). - Satisfactory</p> <p>Management of Natural Resources Option (n=3) – 100% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Department Questions). – Satisfactory</p> <p>Health Information Technology (n=0) – NA</p>

Intended Student Learning Outcomes (ISLOs)		Learning Assessment Measures							
		Direct Measures of Student Learning				Indirect Measures of Student Learning			
Program ISLOs		Portfolio	Strategic Mgmt - Capstone class - Final Exam – Peregrine						
		Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...
1.	Accounting Option - Students will possess competency in their chosen field of study.	Met	Met						
2.	Marketing Option - Students will possess competency in their chosen field of study.	Met	Met						
3.	Management Option - Students will possess competency in their chosen field of study.	Met	Not Met						
4.	Information Technology Option - Students will possess competency in their chosen field of study.	Met	Met						
5.	Management of Natural Resources Option - Students will possess competency in their chosen field of study.	Met	Met						

6.	Health Information Technology Option - Students will possess competency in their chosen field of study.	NA	NA							
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**Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:**

1. The Department reviewed the portfolio requirements and individual faculty members will take responsibility for the portfolio requirements with any changes made by the end of the Fall 2019 semester.
2. The results from the individuals writing the management option exam were unsatisfactory. The Department reviewed the results and concluded that the topics from the exam should be emphasized in the related courses. This is the first year the Department has used this assessment so it was decided that we would review the results after the Spring 2020 exam.

**BACHELOR OF APPLIED SCIENCE IN BUSINESS**

**a. Program Intended Student Learning Outcomes (Program ISLOs)**

1.	<i>Students will be able to apply major business principles and concepts within the traditional areas of business.</i>
2.	<i>Students will be able to apply multiple disciplines and functions within a business to inform decision making.</i>
3.	<i>Students will be able to identify business problems and recommend potential solutions.</i>
4.	<i>Students will be able to apply legal and ethical principles to organizational decision making.</i>
5.	<i>Students will be able to communicate by applying written, oral, and nonverbal communication skills in a business setting.</i>
6.	<i>Students will be able to contribute, either as a participant or as a leader, to work performed within teams.</i>
7.	<i>Global and Inter-cultural fluency ---Students will be able to identify the implications of international issues that characterizes today's global business environment.</i>

<b>b. Assessment Instruments for Intended Student Learning Outcomes— Direct Measures of Student Learning:</b>		<b>c. Performance Objectives (Targets/Criteria) for Direct Measures:</b>
1.	Business Strategy Game – Comprehensive Exam Program ISLOs Assessed by this Measure: 2,3,7	<p>ISLO #2: At least 50 percent of our students studying under the BAS program would equal or exceed the worldwide 50<sup>th</sup> percentile ranking for the Comprehensive Exam.</p> <p>ISLO #3: At least 50 percent of our students studying under the BAS program would equal or exceed the worldwide 50<sup>th</sup> percentile ranking for the Evaluating Strategies section.</p> <p>ISLO #7: At least 60 percent of our students studying under the BAS program would equal or exceed the worldwide 50<sup>th</sup> percentile ranking for the Global Market Factors section.</p>
2.	Business Strategy Game – Simulation Learning Assurance Report Program ISLOs Assessed by this Measure: 6	At least 40 percent of our students studying under the BAS program would equal or exceed the worldwide 50 <sup>th</sup> percentile ranking for both the Leadership Skills component and the Collaborative and Teamwork component.
3.	Business Strategy Game – Board Meeting Program ISLOs Assessed by this Measure: 5,6	<p>ISLO #5: At least 80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the scoring rubric related to oral and nonverbal communication skills.</p> <p>ISLO #6: At least 80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the scoring rubric related to the ability to contribute to work performed in teams.</p>
4.	Harvard Business Publishing – Case Study – Ability to Identify Business Problems and Recommend Potential Solutions. Program ISLOs Assessed by this Measure: 3,5	<p>ISLO #3: At least 80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the scoring rubric related to the ability to identify business problems and recommend potential solutions.</p> <p>ISLO #5: At least 80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the scoring rubric related to applying written communication skills.</p>
5.	Strategic Management - Capstone class - Final Exam – Peregrine Program ISLOs Assessed by this Measure: 1,4,7	ISLO #1: At least 50 percent of our students studying under the BAS program would equal or exceed the worldwide 50 <sup>th</sup> percentile ranking for the Peregrine bachelors in business exam.

		<p>ISLO #4: At least 60 percent of our students studying under the BAS program would equal or exceed the worldwide 50th percentile ranking for Business Ethics.</p> <p>ISLO #4: At least 50 percent of our students studying under the BAS program would equal or exceed the worldwide 50th percentile ranking for Legal Environment of Business.</p> <p>ISLO #7: At least 60 percent of our students studying under the BAS program would equal or exceed the worldwide 50th percentile ranking for Global Dimensions of Business.</p>
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<b>d. Assessment Instruments for Intended Student Learning Outcomes— Indirect Measures of Student Learning:</b>		<b>e. Performance Objectives (Targets/Criteria) for Indirect Measures:</b>
1.	<p>Capstone Class - Student Exit Survey</p> <p>Program ISLOs Assessed by this Measure: 1,2,3,4,5,6,7</p>	<p><i>At least 90 percent of our students studying under the Bachelor of Science program would state that they believe they have been successful in their acquisition of the ability related to the program’s seven ISLOs.</i></p>
<b>f. Summary of Results from Implementing Direct Measures of Student Learning:</b>		
1.	<p>ISLO #2: 100.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Comprehensive Exam. – Satisfactory</p> <p>ISLO #3: 80.0% of our students studying under the BAS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Evaluating Strategies section. – Satisfactory</p> <p>ISLO #7: 100.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Global Market Factors section. - Satisfactory</p>	
2.	<p>ISLO #6 Leadership: 40.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Leadership Skills component. – Unsatisfactory</p> <p>ISLO #6 Collaboration and Teamwork: 60.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50<sup>th</sup> percentile ranking for the Collaborative and Teamwork component. – Satisfactory</p>	

3.		<p>ISLO #5: 80.0 percent of our students studying under the BAS program received a performance rating of at least Competent in the scoring rubric related to oral and nonverbal communication skills. – Satisfactory</p> <p>ISLO #6: 80.0 percent of our students studying under the BAS program received a performance rating of at least Competent in the scoring rubric related to the ability to contribute to work performed in teams. - Satisfactory</p>
4.		<p>ISLO #3: 80.0 percent of our students studying under the BAS program received a performance rating of at least Competent in the scoring rubric related to the ability to identify business problems and recommend potential solutions. - Satisfactory</p> <p>ISLO #5: 80.0 percent of our students studying under the BAS program received a performance rating of at least Competent in the scoring rubric related to applying written communication skills. - Satisfactory</p>
5.		<p>ISLO #1: 60.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50th percentile ranking for the Peregrine bachelors in business exam. - Satisfactory</p> <p>ISLO #4: 80.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50th percentile ranking for Business Ethics. – Satisfactory</p> <p>ISLO #:4: 100.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50th percentile ranking for Legal Environment of Business. – Satisfactory</p> <p>ISLO #7: 80.0 percent of our students studying under the BAS program equaled or exceeded the worldwide 50th percentile ranking for Global Dimensions of Business. – Satisfactory</p>
<b>g. Summary of Results from Implementing Indirect Measures of Student Learning:</b>		
1.		<p>100.0 percent of our students studying under the BAS program stated that they believe they have been successful in their acquisition of the ability related to each of the program’s seven ISLOs. – Satisfactory</p>

**h. Summary of Achievement of Intended Student Learning Outcomes:**

Intended Student Learning Outcomes (ISLOs)		Learning Assessment Measures								
		Direct Measures of Student Learning				Indirect Measures of Student Learning				
Program ISLOs		Business Strategy Game – Comprehensive Exam	Business Strategy Game – Simulation Learning Assurance Report	Business Strategy Game – Board Meeting	Harvard Business Publishing – Case Study	Strategic Mgmt - Capstone class - Final Exam – Peregrine	Capstone Class - Student Exit Survey	Indirect Measure 2	Indirect Measure 3	Indirect Measure 4
		Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...
1.	<i>Students will be able to apply major business principles and concepts within the traditional areas of business.</i>					Met	Met			
2.	<i>Students will be able to apply multiple disciplines and functions within a business to inform decision making.</i>	Met					Met			
3.	<i>Students will be able to identify business problems and recommend potential solutions.</i>	Met			Met		Met			
4.	<i>Students will be able to apply legal and ethical principles to organizational decision making.</i>					Legal: Met Ethical: Met	Met			
5.	<i>Students will be able to communicate by applying written, oral, and nonverbal communication skills in a business environment.</i>			Oral and Nonverbal Commun.: Met	Written Commun.: Met		Met			

6.	<i>Students will be able to contribute, either as a participant or as a leader, to work performed within teams.</i>		Leadership: Met  Collaboration and Teamwork: Met	Collaboration and Teamwork: Met			Met			
7.	<i>Students will be able to identify the implications of international issues that characterizes today's global business environment.</i>	Met				Met	Met			

<b>Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:</b>

<b>BACHELOR OF APPLIED SCIENCE IN BUSINESS - TRACKS</b>	
<b>a. Program Intended Student Learning Outcomes (Program ISLOs) – Accounting Track</b>	
1.	Students will possess competency in their chosen field of study.
<b>a. Program Intended Student Learning Outcomes (Program ISLOs) – Management Track</b>	
1.	Students will possess competency in their chosen field of study.
<b>a. Program Intended Student Learning Outcomes (Program ISLOs) – Construction Management Track</b>	
1.	Students will possess competency in their chosen field of study.



<b>b. Assessment Instruments for Intended Student Learning Outcomes— Direct Measures of Student Learning:</b>		<b>c. Performance Objectives (Targets/Criteria) for Direct Measures:</b>
1.	Student Portfolio in the Related Option Program ISLOs Assessed by this Measure: 1	At least 100 percent of our students studying under the BAS program will have a completed portfolio related to the concentration coursework of their respective option.
2.	Strategic Management - Capstone class - Final Exam – Peregrine Program ISLOs Assessed by this Measure: 1	At least 50 percent of our students studying under the BAS program would equal or exceed the 50 <sup>th</sup> percentile ranking for the related option exam score from the Peregrine Exam for the exams that were built by Peregrine (Accounting).  At least 67 percent of our students studying under the BAS program would equal or exceed the 50 percent mark for the related option exam score from the Peregrine Exam for the exams that were built by the Department (Management and Construction Management).

<b>d. Assessment Instruments for Intended Student Learning Outcomes— Indirect Measures of Student Learning:</b>		<b>e. Performance Objectives (Targets/Criteria) for Indirect Measures:</b>

<b>f. Summary of Results from Implementing Direct Measures of Student Learning:</b>	
1.	ISLO #1: 100.0 percent of our students studying under the BS program have a completed portfolio related to the concentration coursework of their respective option. - Satisfactory Accounting Track (n=1) – 100.0% with portfolio: Class projects from ACTG 303, ACTG 321, ACTG 401, ACTG 411, ACTG 415, and ACTG 436 Management Track (n=0) – 100.0% with portfolio: Class projects from BMGT 448 and BMGT 426 Construction Management Track (n=4) – 100.0% with portfolio: Class projects from BMGT426, and BMIS 416 Management of Natural Resources Option (n=3) – 100.0% with portfolio: Class projects from BGEN 430, BGEN 431, BGEN 432, BGEN 433, and BGEN 491 Health Information Technology (n=0) – Class projects from HCI 410

2.		<p>ISLO #1 Leadership: At least 60 percent of our students studying under the BS program would equal or exceed a score of 50 percent for the related option exam score from the Peregrine Exam.</p> <p>Accounting Track (n=1) – 100% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Peregrine Questions). - Satisfactory</p> <p>Management Track (n=0) – NA</p> <p>Construction Management Track (n=4) – 25% met or exceeded the 50 percent mark on the related option exam score from the Peregrine Exam (Department Questions). - Unsatisfactory</p>
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<b>Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:</b>	
1.	The Department reviewed the portfolio requirements and individual faculty members will take responsibility for the portfolio requirements with any changes made by the end of the Fall 2019 semester.
2.	The results from the individuals writing the construction management option exam were unsatisfactory. The Department reviewed the questions and the results and concluded that the topics from the exam should be emphasized in the related courses. This is the first year the Department has used this assessment so it was decided that we would review the results after the Spring 2020 exam.

Program ISLOs		Portfolio	Strategic Mgmt - Capstone class - Final Exam – Peregrine							
		Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...	Performance Objective Was...
1.	Accounting Track - Students will possess competency in their chosen field of study.	Met	Met							
2.	Management Track - Students will possess competency in their chosen field of study.	NA	NA							
3.	Construction Management Track - Students will possess competency in their chosen field of study.	Met	Not Met							

**Proposed Courses of Action for Improvement in Learning Outcomes for which Performance Targets Were Not Met:**

1. The Department reviewed the portfolio requirements and individual faculty members will take responsibility for the portfolio requirements with any changes made by the end of the Fall 2019 semester.
2. The results from the individuals writing the construction management option exam were unsatisfactory. The Department reviewed the questions and the results and concluded that the topics from the exam should be emphasized in the related courses. This is the first year the Department has used this assessment so it was decided that we would review the results after the Spring 2020 exam.