

MontanaTech

Department of Business and Information Technology Outcomes Assessment Plan Results 2017-2018

This document contains the program outcomes for the two degree programs offered by the Department, along with a brief summary of the completed program outcome assessment.

Bachelor of Science in Business and Information Technology (BS)

Intended Student Learning Outcomes

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

**2017 – 2018 Assessment Cycle
Summary Table of Assessment Results – Direct Measures
Bachelor of Science in Business and Information Technology (BS)**

Direct Measures	Assessment Criteria	Results of the Assessment
Business Strategy Game – Comprehensive Exam	ISLO #1: At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50 th percentile ranking for the Comprehensive Exam ISLO #2: At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50 th percentile ranking for the Evaluating Strategies section ISLO #7: At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50 th percentile ranking for the Global Market Factors section	ISLO #1: 75.9% of the BS students either met or exceeded the 50 th percentile. ISLO #2: 79.3% of the BS students either met or exceeded the 50 th percentile. ISLO #7: 72.4% of the BS students either met or exceeded the 50 th percentile
Business Strategy Game – Simulation Learning Assurance Report	At least 60 percent of our students studying under the BS program would equal or exceed the worldwide 50 th percentile ranking for both the Leadership Skills component and the Collaborative and Teamwork component.	Leadership Skills: 69.0% of the BS students either met or exceeded the 50 th percentile. Collaborative and Teamwork: 69.0% of the BS students either met or exceeded the 50 th percentile.
Business Strategy Game – Board Meeting – Oral Communication Skills	80 percent of our students studying under the Bachelor of Science program would receive a performance rating of at least Competent in the related scoring rubric.	96.6 percent of the BS students received a performance rated to either Competent or Accomplished.
Business Strategy Game – Board Meeting – Ability to Work in Teams	80 percent of our students studying under the Bachelor of Science program would receive a performance rating of at least Competent in the related scoring rubric.	96.6 percent of the BS students received a performance rated to either Competent or Accomplished.
Harvard Business Publishing – Case Study – Ability to	80 percent of our students studying under the Bachelor	93.1 percent of the BS students received a

Identify Business Problems and Recommend Potential Solutions	of Science program would receive a performance rating of at least Competent in the related scoring rubric.	performance rated to either Competent or Accomplished
Harvard Business Publishing – Case Study – Ability to Communicate by Applying Written Communication Skills	80 percent of our students studying under the Bachelor of Science program would receive a performance rating of at least Competent in the related scoring rubric.	93.1 percent of the BS students received a performance rated to either Competent or Accomplished
Legal and Ethical Principles Assignment	80 percent of our students studying under the Bachelor of Science program would receive a performance rating of at least Competent in the related scoring rubric.	82.8 percent of the BS students received a performance rated to either Competent or Accomplished
Application of Information Technology Assignment	80 percent of our students studying under the Bachelor of Science program would receive a performance rating of at least Competent in the related scoring rubric.	97.3 percent of the BS students received a performance rated to either Competent or Accomplished
Indirect Measures	Assessment Criteria	Results of the Assessment
Student Exit Survey	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 nine ISLOs.	The results from the Student Exit Survey showed that over 90.0% of the students thought they were either successful or very successful in the acquisition of the first eight ISLOs, however 87.5 percent of the students of the students believed they were either successful or very successful in the acquisition of ISLO 7: International issues.

2017 – 2018 Assessment Cycle Summary Table of Assessment Results Indirect Measures – Detail Bachelor of Science in Business and Information Technology (BS)	
Number of Bachelor of Science Students Participating in the Survey	29
Intended Student Learning Outcome	Percentage of Bachelor of Science Students providing a Response of Successful or Very Successful
1. Students will be able integrate multiple disciplines and functions within a business to inform decision making.	96.4%
2. Students will be able to identify business problems and recommend potential solutions.	100.0%
3. Students will be able to apply legal and ethical principles to organizational decision making.	100.0%
4. Students will be able to communicate by applying written, oral, and nonverbal communication skills.	100.0%
5. Students will be able to contribute, either as a participant or as a leader, to work performed within teams.	100.0%
6. 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).	100.0%
7. Students will be able to identify the implications of international issues that characterizes today's global business environment.	87.5%

Bachelor of Applied Science in Business (BAS)

Intended Student Learning Outcomes

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

**2017 – 2018 Assessment Cycle
Summary Table of Assessment Results – Direct Measures
Bachelor of Applied Science in Business (BAS)**

Direct Measures	Assessment Criteria	Results of the Assessment
ETS – Major Field of Study Exam	50 percent of our students studying under the Bachelor of Applied Science program would equal or exceed the published mean score of at the ETS Major Field Test site.	36.4 percent of the Bachelor of Applied Science students either met or exceed the national median score of 118.0
Business Strategy Game – Comprehensive Exam	ISLO #2: At least 40 percent of our students studying under the BAS program would equal or exceed the worldwide 50 th percentile ranking for the Comprehensive Exam ISLO #3: At least 40 percent of our students studying under the BAS program would equal or exceed the worldwide 50 th percentile ranking for the Evaluating Strategies section ISLO #7: At least 40 percent of our students studying under the BAS program would equal or exceed the worldwide 50 th percentile ranking for the Global Market Factors section	ISLO #2: 63.6% of the BAS students either met or exceeded the 50 th percentile. ISLO #3: 63.6% of the BAS students either met or exceeded the 50 th percentile. ISLO #7: 45.4% of the BAS students either met or exceeded the 50 th percentile
Business Strategy Game – Simulation Learning Assurance Report	At least 50 percent of our students studying under the BAS program would equal or exceed the worldwide 50 th percentile ranking for both the Leadership Skills component and the Collaborative and Teamwork component.	Leadership Skills: 36.4% of the BAS students either met or exceeded the 50 th percentile. Collaborative and Teamwork: 27.2% of the BAS students either met or exceeded the 50 th percentile.
Business Strategy Game – Board Meeting – Oral Communication Skills	80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the related scoring rubric.	90.1 percent of the BAS students received a performance rated to either Competent or Accomplished.
Business Strategy Game – Board Meeting – Ability to Work in Teams	80 percent of our students studying under the BAS program would receive a	90.1 percent of the BAS students received a

	performance rating of at least Competent in the related scoring rubric.	performance rated to either Competent or Accomplished.
Harvard Business Publishing – Case Study – Ability to Identify Business Problems and Recommend Potential Solutions	80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the related scoring rubric.	81.8 percent of the BAS students received a performance rated to either Competent or Accomplished.
Harvard Business Publishing – Case Study – Ability to Communicate by Applying Written Communication Skills	80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the related scoring rubric.	81.8 percent of the BAS students received a performance rated to either Competent or Accomplished
Legal and Ethical Principle Assignment	80 percent of our students studying under the BAS program would receive a performance rating of at least Competent in the related scoring rubric.	81.8 percent of the BAS students received a performance rated to either Competent or Accomplished
Indirect Measures	Assessment Criteria	Results of the Assessment
Student Exit Survey	90 percent of our students studying under the BAS program would state that they believe they have been successful in their acquisition of the ability related to the program's nine ISLOs.	The results from the Student Exit Survey showed that over 90.0% of the students thought they were either successful or very successful in the acquisition of all eight ISLOs in the BAS program.

**2017 – 2018 Assessment Cycle
 Summary Table of Assessment Results
 Indirect Measures – Detail
 Bachelor of Applied Science in Business (BAS)**

Number of Bachelor of Applied Science Students Participating in the Survey	11
Intended Student Learning Outcome	Percentage of Bachelor of Applied Science Students providing a Response of Successful or Very Successful
1. Students will be able to apply major business principles and concepts within the traditional areas of business.	100.0%
2. Students will be able to apply multiple disciplines and functions within a business to inform decision making.	90.9%
3. Students will be able to identify business problems and recommend potential solutions.	100.0%
4. Students will be able to apply legal and ethical principles to organizational decision making.	100.0%
5. Students will be able to communicate by applying written, oral, and nonverbal communication skills.	100.0%
6. Students will be able to contribute, either as a participant or as a leader, to work performed within teams.	100.0%
7. Students will be able to identify the implications of international issues that characterizes today's global business environment.	100.0%

2017 – 2018 Assessment Cycle
Department of Business and Information Technology
Operational Outcomes

The Department has adopted a total of ten Intended Operational Outcomes. The ten Intended Outcomes, their respective measures, and results are listed below.

Intended Operational Outcome #1:

The Department of Business and Information Technology will be successful in placing its graduates in appropriate entry-level professional positions or in graduate school

Measures and Assessment Criteria

50% of the students graduating will have either accepted a professional position or have been accepted to graduate school.

Results

Of the twenty-nine Bachelor of Science students completing the exit survey, nine students still had additional course work to complete their degree. Of the twenty students completing their degree, eight students had secured a job in their field of student and three others had been accepted in graduate programs representing 55.0 percent of the graduating students.

Of the eleven Bachelor of Applied Science students completing the exit survey, two students still had additional course work to complete their degree. Of the nine students completing their degree, three students had secured a job in their field of student and two others had been accepted in graduate programs representing 55.6 percent of the graduating students.

Intended Operational Outcome #2:

The Department will graduate its students in a timely manner.

Measures and Assessment Criteria

90% of the students graduating will have completed their baccalaureate studies in the time allotted under financial aid rules.

Results

100.0% of students graduating in the Bachelor of Science program completed their baccalaureate studies in the time allowed under financial aid rules.

100.0% of students graduating in the Bachelor of Applied Science program completed their baccalaureate studies in the time allowed under financial aid rules.

Intended Operational Outcome #3:

The Department's faculty members will be highly-qualified in regard to their teaching disciplines.

Measures and Assessment Criteria

90% of the business courses will be taught by doctoral or professionally qualified faculty members.

Results

100.0% of courses taught in the Department were taught by faculty members who were either doctoral or professionally qualified.

Intended Operational Outcome #4:

The Department's students will have the opportunity to participate in relevant internships as a part of their academic coursework.

Measures and Assessment Criteria

80% of students will report a score of good or excellent to the question related to the availability of internship opportunities on the student exit survey.

Results

78.6% of students in the Bachelor of Science program reported a score of either good or excellent to the question related to the availability of internship opportunities.

54.5% of students graduating in the Bachelor of Applied Science program reported a score of either good or excellent to the question related to the availability of internship opportunities.

Intended Operational Outcome #5:

The Department will provide high quality learning and technological resources to its students.

Measures and Assessment Criteria

80% of students will report a score of good or excellent to this question on the student exit survey.

Results

100.0% of students in the Bachelor of Science program reported a score of either good or excellent to the question related to the quality of learning and technological resources available to students.

100.0% of students in the Bachelor of Applied Science program reported a score of either good or excellent to the question related to the quality of learning and technological resources available to students.

Intended Operational Outcome #6:

The Department's faculty will provide effective academic advising to its students.

Measures and Assessment Criteria

80% of students will report a score of good or excellent to this question on the student exit survey.

Results

85.7% of students in the Bachelor of Science program reported a score of either good or excellent to the question related to the quality of faculty advising in the department.

81.8% of students in the Bachelor of Applied Science program reported a score of either good or excellent to the question related to the quality of faculty advising in the department.

Intended Operational Outcome #7:

The Department faculty will be available to its students during office hours.

Measures and Assessment Criteria

80% of students will report a score of good or excellent to this question on the student exit survey.

Results

92.9% of students in the Bachelor of Science program reported a score of either good or excellent to the question related to the availability of faculty during office hours.

90.9% of students in the Bachelor of Applied Science program reported a score of either good or excellent to the question related to the availability of faculty during office hours.

Intended Operational Outcome #8:

The Department's faculty will provide high-quality instruction to its students.

Measures and Assessment Criteria

80% of students will report a score of good or excellent to this question on the student exit survey.

Results

100.0% of students in the Bachelor of Science program reported a score of either good or excellent to the question related to the quality of teaching by full-time faculty members in the department.

92.9% of students in the Bachelor of Science program reported a score of either good or excellent to the question related to the quality of teaching by adjunct-time faculty members in the department

100.0% of students in the Bachelor of Applied Science program reported a score of either good or excellent to the question related to the quality of teaching by full-time faculty members in the department.

81.8% of students in the Bachelor of Applied Science program reported a score of either good or excellent to the question related to the quality of teaching by adjunct-time faculty members in the department

Intended Operational Outcome #9:

The Department's faculty will be engaged in an appropriate level of scholarly activity and professional development.

Measures and Assessment Criteria

75% of FT faculty will achieve a level of satisfactory or better per the Department's Unit Standards.

Results

83.3% of the full-time faculty members had achieved a level of satisfactory or better.

Intended Operational Outcome #10:

The Department's faculty will be successful in promoting engagement with the business community.

Measures and Assessment Criteria

The Department will operate a professional lecture series. The Department faculty will invite local business professionals into the classroom. The Department faculty will participate on various organization boards. Students in the Department will participate in various community projects.

Results

The Department scheduled seven presentations under the First Friday Executive Lecture series during the 2017 – 2018 academic year. One of the speakers cancelled and no replacement could be found leaving a total of six lectures. The BMIS 416 Enterprise Software class brought in guest speakers that included the area firms currently using SAP software. The BMIS 375 Business Modeling II class developed a data base for the Mining City Christmas project. The full-time Department faculty did engage on a number of area boards. Finally, students engaged in a total of 15 formal upper-division internships during the self-study year in the area.