ASSURANCE OF LEARNING

Assessment Report

Program: MSBA   **Term:** Spring 2019

LEARNING OBJECTIVE	**LO 1A:** Students who graduate will develop advanced knowledge and skills in using business analytics technology and applications.
MAPPED COURSE	**BAN 632:** Big Data Technology & Applications
CURRICULUM ALIGNMENT	Courses mapped as introducing LO 1A: BAN 610 Courses mapped as developing LO 1A: BAN622 Courses mapped as mastering LO 1A: **BAN 632**
# OF PARTICIPATING FACULTY	1
METHODS & PROCEDURES	Faculty selected to use a homework assignment for the assessment. Students were required to complete problems on CSUEB Hadoop. Requirements include typing out all the commands in each step of the process.
ASSESSMENT TOOL	CBE Developed Rubric *(see end of report for rubric)*
PERFORMANCE TARGETS	70% of students will meet expectations. Less than 10% of students will score "1" (below) on any "trait" in the rubric.

Data Analysis Summary

There are two targets set for this learning objective, (1) 70% of students will meet or exceed expectations, and (2) less than 10% of students will score "1" (below expectation) on any "trait" in the rubric. Overall, 86% of students met expectations on the learning objective. A total of 20 students were assessed.

n = 20	Conceptual Knowledge	Business Application	Information System Usage	Big Data Application Development
Meets Expectations	100%	100%	80%	65%
Does Not Meet Expectations	0%	0%	20%	35%
Total	100%	100%	100%	100%
Overall Score	86%			

Assessment Scores by Individual Traits.

Regarding the second performance target that less than 10% of students will score "1" (below expectation) on any "trait" in the rubric, scores show students met this performance target. Results show students met this assessment target. No students were assessed as below expectations on any rubric trait. Yet, areas that can be discussed for improvement are Trait 3: Information System Usage and Trait 4: Big Data Application Development. The areas scored 20% and 35%, respectively, in needing improvement.

Detailed Assessment Scores by Individual Traits

By Individual Traits	Conceptual Knowledge	Business Application	Information System Usage	Big Data Application Development
Exceeds	30%	15%	25%	0%
Meets	70%	85%	55%	65%
Needs	0%	0%	20%	35%
Below	0%	0%	0%	0%
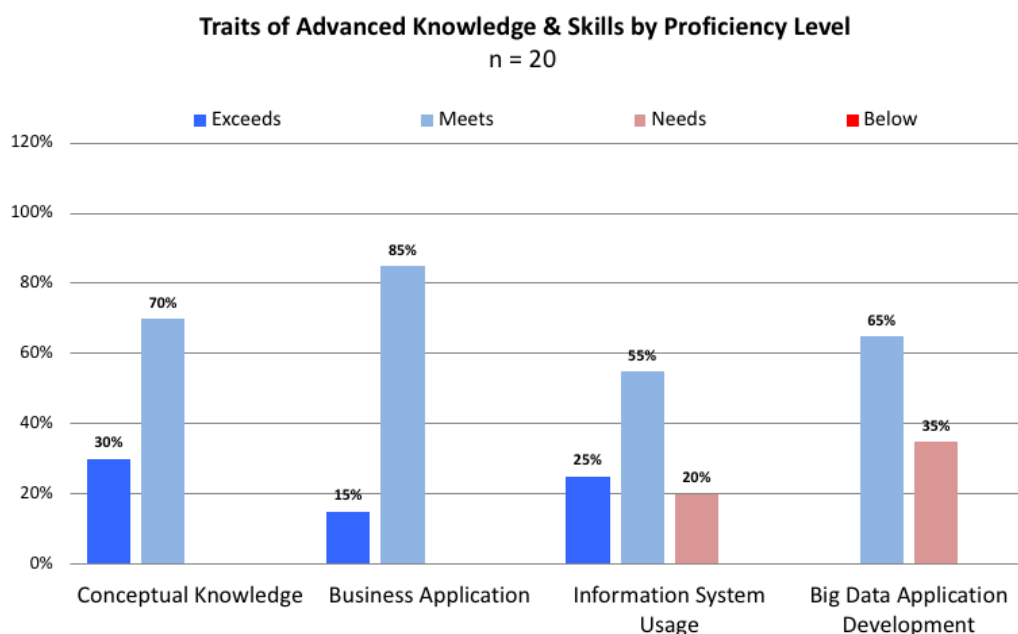
Percentages may not add to 100% due to rounding.

Next Steps

- o Share report with faculty
- o Share report with administrators
- o Program Committee to call for review meeting
- o Conduct Closing the Loop meeting

- Complete Closing the Loop Handout
- Share Closing the Loop Handout with Curriculum Committee
- Approval by Curriculum Committee
- Share Closing the Loop Handout with Dean's Office'
- Approval by Dean's Office
- Share Closing the Loop Handout with Faculty
- Publish results and findings
- Publish meeting minutes
- Implement Actions
- Track Actions

Rubric

LO 1A: Advanced Knowledge & Skills

Traits	Below Expectation (1 pt)	Needs Improvement (2 pts)	Meets Expectation (3 pts)	Exceeds Expectation (4 pts)
Conceptual Knowledge	Failed to master relevant knowledge involving Big Data technology and applications.	Mastered very little knowledge involving Big Data technology and applications.	Mastered some relevant knowledge involving Big Data technology and applications.	Mastered all or most relevant knowledge involving Big Data technology and applications.
Business Application	Business status and importance of Big Data technology are poorly understood and students demonstrate a poor understanding of practical use of Big Data technology.	Business status and importance of Big Data technology are little understood and students demonstrate an insufficient understanding of practical use of Big Data technology.	Business status and importance of Big Data technology are fairly understood and students demonstrate a fair understanding of practical use of Big Data technology.	Business status and importance of Big Data technology are excellently understood and students demonstrate a very good understanding of practical use of Big Data technology.
Information System Usage	Exhibit very low levels of skills in using Big Data analytics tools.	Exhibit low levels of skills in using Big Data analytics tools.	Exhibit medium levels of skills in using Big Data analytics tools.	Exhibit high levels of skills in using Big Data analytics tools.
Big Data Application Development	Students demonstrate a minimal ability to develop Big Data applications.	Students demonstrate a limited ability to develop Big Data applications.	Students demonstrate an acceptable ability to develop Big Data applications.	Students demonstrate a strong ability to develop Big Data applications.

End of Report