

**Mississippi Delta Community College
2017-2018 General Education Assessment Results**



Dr. Larry Nabors, President
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rlamb@msdelta.edu/662-246-6256

Overview

The faculty members of Mississippi Delta Community College (MDCC) have identified six college-level general education competencies for degree students to attain. Each degree program at MDCC contains the general education core; thus, students enrolled in health sciences, technical programs, and the academic transfer programs of study receive instruction linked to the general education competencies.

Instructors measure the extent to which students have attained the general education competencies through embedded test questions on locally developed examinations. A second evaluation, although an indirect assessment, is MDCC's Graduating Student Survey. Planning and assessment are integrated across all divisions and locations including the main campus, off-campus instructional sites, dual enrollment courses, and eLearning/distance learning. Instructors analyze findings and use results to enhance and improve teaching, learning, and educational programs.

During Fall 2017, the faculty of MDCC administered locally developed examinations with embedded test questions to assess the attainment of student learning for the general education competencies. The table below provides MDCC's six general education competencies and descriptions of the competencies. This publication provides the Fall 2017 assessment results by campus site or mode of delivery.

Competency	Competency Description
Reading Comprehension	Students will be able to comprehend readings from a variety of texts.
Technology Usage	Students will be able to identify and use appropriate computer applications.
Communication Skills	Students will be able to write and speak effectively.
Problem Solving	Students will be able to use mathematics and science reasoning to solve problems.
Critical Thinking	Students will be able to think critically about a problem and formulate possible conclusions or solutions.
Historical/Cultural Awareness	Students will be able to analyze how history and culture affect society.

For questions regarding this publication, please contact Dr. Rosemary C. Lamb, Associate Vice President of Institutional Effectiveness, at rlamb@msdelta.edu or 662-246-6256.

Figure 1

Fall 2017 Communication Exam Embedded Results for Composition I and Evidence of Improvement-Moorhead

Fall 2017 Communication Composition I for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	139	104	74.82
Question 2	139	112	80.58
Question 3	139	104	74.82
Question 4	139	97	69.78
Question 5	139	78	56.12
Question 6	139	72	51.80

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition I faculty created six written communication questions related to Composition I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 139 students representing 11 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 1.

Evidence of Improvement Based Upon Analysis of Results:
The English Composition I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Implemented one-on-one conferences, web-based computer lab, and hands-on instruction
2. Added more instructional time on topic sentences
3. Utilized OER instead of traditional textbooks in the classroom
4. Increased emphasis on technology
5. Added more practice exercises and allowed more than one attempt to demonstrate mastery of a skill

Figure 2

Fall 2017 Communication Exam Embedded Results for Composition I and Evidence of Improvement-Greenwood Center

Fall 2017 Communication Composition I for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	21	17	80.95
Question 2	21	21	100.00
Question 3	21	21	100.00
Question 4	21	19	90.48
Question 5	21	13	61.91
Question 6	21	10	47.62

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition I faculty created six written communication questions related to Composition I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 21 students representing 2 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 2.

Evidence of Improvement Based Upon Analysis of Results:
The English Composition I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Dedicated more instructional time in class teaching topic sentences.

Figure 3

Fall 2017 Communication Exam Embedded Results for Composition I and Evidence of Improvement-GHEC

<p style="text-align: center;">Fall 2017 Communication Composition I for GHEC</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	55	43	78.18
Question 2	55	55	100.00
Question 3	55	32	58.18
Question 4	55	31	50.36
Question 5	55	47	85.46
Question 6	55	30	54.55

Continued...Improvements Based Upon Analysis of Results:

4. Division decided to make the Comp I curriculum more focused and to give students more opportunities to do shorter writing assignments that focus on one or two specific writing skills or techniques at a time.
5. Faculty attended the Transitioning to College Workshop at Ole Miss.
6. Incorporated more lessons into major lessons (lessons might include mini-lessons to help students to overcome their difficulties.

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition I faculty created six written communication questions related to Composition I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 55 students representing 4 sections from the Greenville Higher Education campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 3.

Evidence of Improvement Based Upon Analysis of Results:
 The English Composition I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated more analysis of different types of academic writing into the Comp I.
2. Added a new online grammar review website as a resource.
3. GHEC has added hours of availability to the Writing Center and has provided more trained peer tutors.

Figure 4

Fall 2017 Communication Exam Embedded Results for Composition I and Evidence of Improvement-eLearning/Online

Fall 2017 Communication Composition I for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	29	20	68.97
Question 2	29	29	100.00
Question 3	29	20	68.97
Question 4	29	24	82.76
Question 5	29	17	58.62
Question 6	29	17	58.62

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition I faculty created six written communication questions related to Composition I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 29 students representing 3 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 4.

Evidence of Improvement Based Upon Analysis of Results:
The English Composition I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Utilized Canvas to teach Composition I
2. Infused more practice exercises into instruction
3. Provided more attempts for students to demonstrate mastery
4. Adjusted assignments to accommodate small class size
5. English Department attended more professional development and made presentations at meetings

Figure 5

Fall 2017 Communication Exam Embedded Results for Composition I and Evidence of Improvement-Dual Enrollment

<p style="text-align: center;">Fall 2017 Communication Composition I for Dual Enrollment</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	43	41	95.35
Question 2	43	40	93.02
Question 3	43	42	97.67
Question 4	43	38	88.37
Question 5	43	37	86.05
Question 6	43	39	90.70

Continued...Improvements Based Upon Analysis of Results:
Pillow Academy: Placed everything in Canvas – all reading assignments, quizzes, etc.; included more grammar in the form of self study and quizzes

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition I faculty created six written communication questions related to Composition I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 43 students representing 3 sections from the Dual Enrollment high school sites of Mississippi Delta Community College (St. Joseph, Greenwood High School, Pillow Academy) and the results for this campus site are provided in Figure 5.

Evidence of Improvement Based Upon Analysis of Results:
 The English Composition I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

St. Joseph High School: Incorporated more analysis of different types of academic writing into Comp I; added a new online grammar review website as a resource

Greenwood High School: Utilized computer labs as a teaching tool; increased the number of research-based assignments

Figure 6

Fall 2017 Communication Exam Embedded Results for Composition II and Evidence of Improvement-Moorhead

<p style="text-align: center;">Fall 2017 Communication Composition II for Moorhead</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	80	43	53.75
Question 2	80	71	88.75
Question 3	80	47	58.75
Question 4	80	65	81.25
Question 5	80	63	78.75
Question 6	80	76	95.00

Continued Evidence of Improvement Based Upon Analysis of Results:

7. Changed completely to OER texts instead of traditional textbooks. Overall, the change was good, but the department clearly did not teach some of the material covered in the embedded examination questions.
8. The English Department has done more professional development in division meetings.
9. Updated the primary sources that students read and also augmented lectures with new videos and online resources.

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition II will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition II faculty created six written communication questions related to Composition II and embedded into the Fall 2017 final examination. Faculty collected assessment results from 80 students representing 7 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 6.

Evidence of Improvement Based Upon Analysis of Results:
 The English Composition II faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided step-by-step individual instruction
2. Incorporated more web based computer instruction
3. There is an error on the quiz that causes ambiguity on question #1
4. Included more practice exercises
5. Increased use of technology
6. OER has been a success!

Figure 7

Fall 2017 Communication Exam Embedded Results for Composition II and Evidence of Improvement-Greenwood Center

Fall 2017 Communication Composition II for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	14	1	7.14
Question 2	14	14	100.00
Question 3	14	10	71.43
Question 4	14	11	78.57
Question 5	14	11	78.57
Question 6	14	14	100.00

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition II will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition II faculty created six written communication questions related to Composition II and embedded into the Fall 2017 final examination. Faculty collected assessment results from 14 students representing 1 section from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 7.

Evidence of Improvement Based Upon Analysis of Results:
The English Composition II faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Started with a heavy emphasis on mastering the term paper.

Figure 8

Fall 2017 Communication Exam Embedded Results for Composition II and Evidence of Improvement-GHEC

<p style="text-align: center;">Fall 2017 Communication Composition II for GHEC</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	27	4	14.82
Question 2	27	20	74.07
Question 3	27	15	55.56
Question 4	27	21	77.78
Question 5	27	11	40.74
Question 6	27	27	100.00

Continued....Evidence of Improvement Based Upon Analysis of Results:

6. Focused less and less on the formatting of the research paper and more on the research writing skills (summary, paraphrase, integrating source material)
7. Division selected an excellent handbook for Comp II that includes the major research formats, not just MLA

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition II will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition II faculty created six written communication questions related to Composition II and embedded into the Fall 2017 final examination. Faculty collected assessment results from 27 students representing 3 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 8.

Evidence of Improvement Based Upon Analysis of Results:
 The English Composition II faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Paced instructional time in the classroom in a way that allowed students more time to absorb material
2. Focused on teaching how to do small things well and then moved to more complex projects
3. Incorporated more reflective writing
4. Added hours to the availability of the Writing Center and have trained more peer tutors
5. Attended the Writing Symposium at Ole Miss

Figure 9

Fall 2017 Communication Exam Embedded Results for Composition II and Evidence of Improvement-eLearning/Online

<p style="text-align: center;">Fall 2017 Communication Composition II for eLearning/Online</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	20	4	20.00
Question 2	20	16	80.00
Question 3	20	12	60.00
Question 4	20	15	75.00
Question 5	20	8	40.00
Question 6	20	20	100.00

Student Learning Outcome: Communication Skills - Students will be able to write effectively.

Criteria/Benchmark: 70% of the students evaluated in English Composition II will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the English Composition II faculty created six written communication questions related to Composition II and embedded into the Fall 2017 final examination. Faculty collected assessment results from 20 students representing 2 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 9.

Evidence of Improvement Based Upon Analysis of Results:
 The English Composition II faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more sample research papers and recorded personal instructional videos with demonstrations of skills for each unit
2. Provided at least one live chat with instructor for assistance and support
3. Participated in at least two of MSVCC sponsored professional development webinar/courses

Figure 10

Fall 2017 Reading Comprehension Exam Embedded Results for World Lit I and Evidence of Improvement-Moorhead

Fall 2017 Reading Comprehension World Literature I for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	46	42	91.30
Question 2	46	38	82.61
Question 3	46	34	73.91
Question 4	46	34	73.91
Question 5	46	38	82.61
Question 6	46	38	82.61

Student Learning Outcome: Reading Comprehension Skills - Students will be able to comprehend readings from World Literature I.

Criteria/Benchmark: 70% of the students evaluated in World Literature I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Literature I faculty created six reading comprehension questions related to World Literature I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 46 students representing 2 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 10.

Evidence of Improvement Based Upon Analysis of Results:
The World Literature I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated more discussions
2. Utilized more web-based instruction and technology
3. Used more visual aids

Figure 11

Fall 2017 Reading Comprehension Exam Embedded Results for World Lit I and Evidence of Improvement-Greenwood Center

Fall 2017 Reading Comprehension World Literature I for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	17	9	52.94
Question 2	17	12	70.59
Question 3	17	14	82.35
Question 4	17	9	52.94
Question 5	17	11	64.70
Question 6	17	11	64.70

Student Learning Outcome: Reading Comprehension Skills - Students will be able to comprehend readings from World Literature I.

Criteria/Benchmark: 70% of the students evaluated in World Literature I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Literature I faculty created six reading comprehension questions related to World Literature I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 17 students representing 2 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 11.

Evidence of Improvement Based Upon Analysis of Results: The World Literature I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Placed more emphasis on hero's journey
2. Lengthened the amount and number of readings for World Lit I class. Read more selections and presented to students.

Figure 12

Fall 2017 Reading Comprehension Exam Embedded Results for World Lit I and Evidence of Improvement-GHEC

Fall 2017 Reading Comprehension World Literature I for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	16	3	18.75
Question 2	16	8	50.00
Question 3	16	10	62.50
Question 4	16	15	93.75
Question 5	16	5	31.25
Question 6	16	11	68.75

Student Learning Outcome: Reading Comprehension Skills - Students will be able to comprehend readings from World Literature I.

Criteria/Benchmark: 70% of the students evaluated in World Literature I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Literature I faculty created six reading comprehension questions related to World Literature I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 16 students representing 2 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 12.

Evidence of Improvement Based Upon Analysis of Results:
The World Literature I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Used the Socratic Seminar approach for the discussion of literary works
2. Utilized a thematic approach to the epics
3. Made greater use of Canvas/LMS system to extend classroom conversations and encouraged students to interact more with each other (not just the teacher) about the readings

Figure 13

Fall 2017 Reading Comprehension Exam Embedded Results for World Lit I and Evidence of Improvement-eLearning

Fall 2017 Reading Comprehension World Literature I for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	15	13	86.67
Question 2	15	13	86.67
Question 3	15	14	93.33
Question 4	15	15	100.00
Question 5	15	13	86.67
Question 6	15	13	86.67

Student Learning Outcome: Reading Comprehension Skills - Students will be able to comprehend readings from World Literature I.

Criteria/Benchmark: 70% of the students evaluated in World Literature I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Literature I faculty created six reading comprehension questions related to World Literature I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 15 students representing 2 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 13.

Evidence of Improvement Based Upon Analysis of Results:
The World Literature I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included additional film resources
2. Increased use of technology and focus on technology
3. Increased supplemental materials

Figure 14

Fall 2017 Problem Solving Exam Embedded Results for College Algebra and Evidence of Improvement-Moorhead

<p style="text-align: center;">Fall 2017 Problem Solving College Algebra for Moorhead</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	92	76	82.61
Question 2	92	85	92.39
Question 3	92	86	93.48
Question 4	92	82	89.13
Question 5	92	74	80.44
Question 6	92	81	88.04

Continued...Evidence of Improvement Based Upon Analysis of Results:

6. Modified teaching methods and topics from semester to semester
7. Purchased new teaching materials; renewed MathType

Student Learning Outcome: Problem Solving Skills - Students will be able to use mathematical skills to solve problems.

Criteria/Benchmark: 70% of the students evaluated in College Algebra will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the College Algebra faculty created six problem solving questions related to College Algebra and embedded into the Fall 2017 final examination. Faculty collected assessment results from 92 students representing 6 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 14.

Evidence of Improvement Based Upon Analysis of Results:
 The College Algebra faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Increased the number of daily graded assignments
2. Required more formatting in the answers
3. Modified the homework software system so that it is accessible through Canvas, the student LMS
4. Created homework money (points) that students could earn on quizzes and tests that could use to purchase homework passes

Figure 15

Fall 2017 Problem Solving Exam Embedded Results for College Algebra and Evidence of Improvement-Greenwood Center

Fall 2017 Problem Solving College Algebra for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	18	8	44.44
Question 2	18	13	72.22
Question 3	18	15	83.33
Question 4	18	8	44.44
Question 5	18	15	83.33
Question 6	18	14	77.78

Student Learning Outcome: Problem Solving Skills - Students will be able to use mathematical skills to solve problems.

Criteria/Benchmark: 70% of the students evaluated in College Algebra will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the College Algebra faculty created six problem solving questions related to College Algebra and embedded into the Fall 2017 final examination. Faculty collected assessment results from 18 students representing 2 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 15.

Evidence of Improvement Based Upon Analysis of Results:
The College Algebra faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Increased the number of daily graded assignments
2. Required more formatting in the answers
3. Added a new overhead projector to the classroom

Figure 16

Fall 2017 Problem Solving Exam Embedded Results for College Algebra and Evidence of Improvement-GHEC

Fall 2017 Problem Solving College Algebra for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	36	26	72.22
Question 2	36	31	86.11
Question 3	36	24	66.67
Question 4	36	27	75.00
Question 5	36	18	50.00
Question 6	36	22	61.11

Student Learning Outcome: Problem Solving Skills - Students will be able to use mathematical skills to solve problems.

Criteria/Benchmark: 70% of the students evaluated in College Algebra will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the College Algebra faculty created six problem solving questions related to College Algebra and embedded into the Fall 2017 final examination. Faculty collected assessment results from 36 students representing 2 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 16.

Evidence of Improvement Based Upon Analysis of Results:
The College Algebra faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Allowed more time in class for students to ask questions. Consequently, students were more comfortable and less hesitant to ask questions. This led to a better rapport between students and instructors.
2. Investigated a new developmental math curriculum to better prepare students for College Algebra.

Figure 17

Fall 2017 Problem Solving Exam Embedded Results for College Algebra and Evidence of Improvement-eLearning/Online

Fall 2017 Problem Solving College Algebra for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	14	13	92.86
Question 2	14	12	85.71
Question 3	14	12	85.71
Question 4	14	12	85.71
Question 5	14	8	57.14
Question 6	14	11	78.57

Student Learning Outcome: Problem Solving Skills - Students will be able to use mathematical skills to solve problems.

Criteria/Benchmark: 70% of the students evaluated in College Algebra will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the College Algebra faculty created six problem solving questions related to College Algebra and embedded into the Fall 2017 final examination. Faculty collected assessment results from 14 students representing 1 section from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 17.

Evidence of Improvement Based Upon Analysis of Results:

The College Algebra faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Used MyLab and Mastering for homework and quizzes
2. Changed former exams from all multiple choice to multiple choice and fill in the blank
3. Modified teaching methods and topics from semester to semester
4. Purchased new teaching materials
5. Renewed MathType

Figure 18

Fall 2017 Problem Solving Exam Embedded Results for College Algebra and Evidence of Improvement-Dual Enrollment

Fall 2017 Problem Solving College Algebra for Dual Enrollment			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	22	20	90.91
Question 2	22	20	90.91
Question 3	22	22	100.00
Question 4	22	22	100.00
Question 5	22	17	77.27
Question 6	22	22	100.00

Continued...Evidence of Improvement Based Upon Analysis of Results:

Leland High School: Explained concepts graphically and algebraically, which really helped the students understand the concept better and better prepared the students for upper level math courses; Students' ACT scores improved as a result of changes and improvements

Student Learning Outcome: Problem Solving Skills - Students will be able to use mathematical skills to solve problems.

Criteria/Benchmark: 70% of the students evaluated in College Algebra will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the College Algebra faculty created six problem solving questions related to College Algebra and embedded into the Fall 2017 final examination. Faculty collected assessment results from 22 students representing 3 sections from the Dual Enrollment High School Sites of Mississippi Delta Community College and the results for this campus site are provided in Figure 18.

Evidence of Improvement Based Upon Analysis of Results:
The College Algebra faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

Greenwood High: Included Canvas course, workbook, Promethean Active Board, Khan Academy.org, VirtualNerd.com in instruction and delivery methods

St. Joseph High School: Used various teaching methods and incorporated newer technology.

Figure 19

Fall 2017 Technology Exam Embedded Results for Computer Applications and Evidence of Improvement-Moorhead

Fall 2017 Technology Computer Applications for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	97	88	90.72
Question 2	97	84	86.60
Question 3	97	77	79.38
Question 4	97	89	91.75
Question 5	97	94	96.91
Question 6	97	81	83.51

Continued...Evidence of Improvement Based Upon Analysis of Results:

1. Utilized MindTap and used more relevant analogies in instruction
2. Increased the amount of time to complete each assignment
3. Improved communication with students through Canvas email interface

Student Learning Outcome: Technology Skills - Students will be able to identify and use appropriate computer applications.

Criteria/Benchmark: 70% of the students evaluated in Computer Applications will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Computer Applications faculty created six technology questions related to Computer Applications and embedded into the Fall 2017 final examination. Faculty collected assessment results from 97 students representing 7 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 19.

Evidence of Improvement Based Upon Analysis of Results:
 The Computer Applications faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more hands-on trainings as required exercises from available resources to reinforce skills taught for Office 2016
2. Implemented inclusive access with software vendor, Cengage, which allowed students to have access to needed software on the first day of class
3. Enhanced use of Canvas for instruction and assignment delivery.

Figure 20

Fall 2017 Technology Exam Embedded Results for Computer Applications and Evidence of Improvement-Greenwood Center

**Fall 2017
Technology
Computer Applications for Greenwood Center**

Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	19	13	68.42
Question 2	19	16	84.21
Question 3	19	16	84.21
Question 4	19	19	100.00
Question 5	19	17	89.47
Question 6	19	17	89.47

Student Learning Outcome: Technology Skills - Students will be able to identify and use appropriate computer applications.

Criteria/Benchmark: 70% of the students evaluated in Computer Applications will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Computer Applications faculty created six technology questions related to Computer Applications and embedded into the Fall 2017 final examination. Faculty collected assessment results from 19 students representing 2 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 20.

Evidence of Improvement Based Upon Analysis of Results:
 The Computer Applications faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more hands-on trainings as required exercises from available resources to reinforce skills taught for Office 2016
2. Implemented inclusive access with software vendor, Cengage, which allowed students to have access to needed software on the first day of class

Figure 21

Fall 2017 Technology Exam Embedded Results for Computer Applications and Evidence of Improvement-GHEC

Fall 2017 Technology Computer Applications for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	29	24	82.76
Question 2	29	27	93.10
Question 3	29	22	75.86
Question 4	29	27	93.10
Question 5	29	29	100.00
Question 6	29	23	79.31

Student Learning Outcome: Technology Skills - Students will be able to identify and use appropriate computer applications.

Criteria/Benchmark: 70% of the students evaluated in Computer Applications will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Computer Applications faculty created six technology questions related to Computer Applications and embedded into the Fall 2017 final examination. Faculty collected assessment results from 29 students representing 3 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 21.

Evidence of Improvement Based Upon Analysis of Results:
 The Computer Applications faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Utilized MindTap and used more relevant analogies in instruction
2. Increased the amount of time to complete each assignment
3. Improved communication with students through Canvas email interface

Figure 22

Fall 2017 Technology Exam Embedded Results for Computer Applications and Evidence of Improvement-eLearning

Fall 2017 Technology Computer Applications for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	8	8	100.00
Question 2	8	7	87.50
Question 3	8	5	62.50
Question 4	8	8	100.00
Question 5	8	7	87.50
Question 6	8	4	50.00

Student Learning Outcome: Technology Skills - Students will be able to identify and use appropriate computer applications.

Criteria/Benchmark: 70% of the students evaluated in Computer Applications will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Computer Applications faculty created six technology questions related to Computer Applications and embedded into the Fall 2017 final examination. Faculty collected assessment results from 8 students representing 1 section from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 22.

Evidence of Improvement Based Upon Analysis of Results:
 The Computer Applications faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more hands-on trainings as required exercises from available resources to reinforce skills taught for Office 2016
2. Implemented inclusive access with software vendor, Cengage, which allowed students to have access to needed software on the first day of class

Figure 23

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for World Civilization I and Evidence of Improvement-Moorhead

Fall 2017 Historical/Cultural Awareness World Civilization I for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	94	88	93.62
Question 2	94	93	98.94
Question 3	94	86	91.49
Question 4	94	77	81.92
Question 5	94	64	68.09
Question 6	94	58	61.70

Continued...Evidence of Improvement Based Upon Analysis of Results:

5. Added new discoveries in Ancient history with Egypt and other areas
6. Provided more attention in Roman history and the Middle Ages
7. Added more material in some areas for enhancement
8. Improved communication and involvement

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in World Civilization I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Civilization I faculty created six historical/cultural questions related to World Civilization I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 94 students representing 8 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 23.

Evidence of Improvement Based Upon Analysis of Results:
The World Civilization I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Added new technology in some areas of Ancient history
2. Reduced the amount of time teaching time periods and used more time in different areas
3. Incorporated more class discussions to allow the students to learn from one another
4. Increased class discussions and utilized more articles to promote enhanced reading skills

Figure 24

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for World Civilization I and Evidence of Improvement-GHEC

Fall 2017 Historical/Cultural Awareness World Civilization I for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	48	39	81.25
Question 2	48	29	60.42
Question 3	48	38	79.17
Question 4	48	20	41.67
Question 5	48	26	54.17
Question 6	48	27	56.25

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in World Civilization I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Civilization I faculty created six historical/cultural questions related to World Civilization I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 48 students representing 2 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 24.

Evidence of Improvement Based Upon Analysis of Results:
 The World Civilization I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided notes and study guides on Canvas as well as additional web resources, including scholarly articles and videos to reinforce lectures
2. All instructors now have iPads and use the Canvas gradebook so that students have easy access to grades

Figure 25

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for World Civilization I and Evidence of Improvement-eLearning

Fall 2017 Historical/Cultural Awareness World Civilization I for eLearning			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	10	5	50.00
Question 2	10	8	80.00
Question 3	10	5	50.00
Question 4	10	9	90.00
Question 5	10	5	50.00
Question 6	10	8	80.00

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in World Civilization I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the World Civilization I faculty created six historical/cultural questions related to World Civilization I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 10 students representing 1 section from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 25.

Evidence of Improvement Based Upon Analysis of Results: The World Civilization I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Updated course
2. Improved communication

Figure 26

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for US History I and Evidence of Improvement-Moorhead

Fall 2017 Historical/Cultural Awareness US History I for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	47	42	89.36
Question 2	47	36	76.60
Question 3	47	23	48.94
Question 4	47	30	63.83
Question 5	47	36	76.60
Question 6	47	22	46.81

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in US History I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the US History I faculty created six historical/cultural questions related to US History I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 47 students representing 2 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 26.

Evidence of Improvement Based Upon Analysis of Results:
The US History I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided notes and study guides on Canvas as well as additional web resources, including scholarly articles and videos to reinforce lectures
2. All instructors now have iPads and use the Canvas gradebook so that students have easy access to grades
3. Incorporated more class discussions
4. Increased class discussions and utilized more articles to promote enhanced reading skills

Figure 27

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for US History I and Evidence of Improvement-Greenwood Center

Fall 2017 Historical/Cultural Awareness US History I for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	8	8	100.00
Question 2	8	8	100.00
Question 3	8	7	87.50
Question 4	8	3	37.50
Question 5	8	4	50.00
Question 6	8	4	50.00

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in US History I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the US History I faculty created six historical/cultural questions related to US History I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 8 students representing 1 section from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 27.

Evidence of Improvement Based Upon Analysis of Results:
 The US History I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Used questioning (Socratic method) and less lecture
2. Incorporated more use of maps and charts
3. Added more class discussion

Figure 28

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for US History I and Evidence of Improvement-GHEC

Fall 2017 Historical/Cultural Awareness US History I for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	12	11	91.67
Question 2	12	12	100.00
Question 3	12	7	58.33
Question 4	12	8	66.67
Question 5	12	11	91.67
Question 6	12	7	58.33

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in US History I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the US History I faculty created six historical/cultural questions related to US History I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 12 students representing 1 section from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 28.

Evidence of Improvement Based Upon Analysis of Results: The US History I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided notes and study guides on Canvas as well as additional web resources, including scholarly articles and videos to reinforce lectures
2. All instructors now have iPads and use the Canvas gradebook so that students have easy access to grades

Figure 29

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for US History I and Evidence of Improvement-eLearning/Online

Fall 2017 Historical/Cultural Awareness US History I for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	29	24	82.76
Question 2	29	14	48.28
Question 3	29	16	55.17
Question 4	29	8	27.59
Question 5	29	13	44.83
Question 6	29	13	44.83

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in US History I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the US History I faculty created six historical/cultural questions related to US History I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 29 students representing 2 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 29.

Evidence of Improvement Based Upon Analysis of Results:
 The US History I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Increased contact with students with email and online announcements
2. Clarified attendance policy, including mandatory contact by each student each week, which kept students more engaged and on task
3. Used due dates schedule to keep students on track with assignments
4. Utilized attendance markers to keep topics t

Figure 30

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for US History I and Evidence of Improvement-Dual Enrollment

Fall 2017 Historical/Cultural Awareness US History I for Dual Enrollment			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	44	28	63.64
Question 2	44	34	77.27
Question 3	44	22	50.00
Question 4	44	24	54.55
Question 5	44	32	72.73
Question 6	44	20	45.46

Continued...Evidence of Improvement Based Upon Analysis of Results:

Washington School: Required three research projects/presentations one with a visual aid that they created and two without; Students worked in teams and taught what they had learned to the class; Developed several PowerPoint programs to enhance students' critical thinking; utilized Google docs and Google classroom to better communicate with students; Attended professional development seminars and programs

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in US History I will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the US History I faculty created six historical/cultural questions related to US History I and embedded into the Fall 2017 final examination. Faculty collected assessment results from 44 students representing 3 sections from Dual Enrollment High School Sites of Mississippi Delta Community College and the results for this campus site are provided in Figure 30.

Evidence of Improvement Based Upon Analysis of Results:
The US History I faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

Greenwood High School: Used more technology in the classroom to enhance the learning environment

Figure 31

Fall 2017 Reading Comprehension Exam Embedded Results for Sociology I and Evidence of Improvement-Moorhead

Fall 2017 Reading Comprehension Sociology for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	150	145	96.67
Question 2	150	150	100.00
Question 3	150	142	94.67
Question 4	150	138	92.00
Question 5	150	144	96.00
Question 6	150	100	66.67

Continued...Evidence of Improvement Based Upon Analysis of Results:

6. Provided more opportunities for engaged classroom discussion
7. Increased use of technology for classroom instruction
8. Incorporated the use of Apple TV in instruction

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Sociology.

Criteria/Benchmark: 70% of the students evaluated in Sociology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Sociology faculty created six reading comprehension questions related to Sociology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 150 students representing 8 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 31.

Evidence of Improvement Based Upon Analysis of Results:
The Sociology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Changed instructional videos to more current, relevant topics
2. Increased critical thinking reading and short answer activities
3. Gave daily reinforcement of material covered through chapter quizzes and class assignments
4. Added video clips to the chapter PowerPoint, which helped both visual and auditory learners
5. Used Canvas to add supplementary material

Figure 32

Fall 2017 Reading Comprehension Exam Embedded Results for Sociology I and Evidence of Improvement-Greenwood Center

Fall 2017 Reading Comprehension Sociology for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	21	18	85.71
Question 2	21	18	85.71
Question 3	21	15	71.43
Question 4	21	19	90.48
Question 5	21	17	80.95
Question 6	21	15	71.43

Continued...Evidence of Improvement Based Upon Analysis of Results:

4. Added small group settings where students are able to interact and share their individual learning styles in order to meet their educational goals and master the material and objectives

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Sociology.

Criteria/Benchmark: 70% of the students evaluated in Sociology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Sociology faculty created six reading comprehension questions related to Sociology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 21 students representing 2 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 32.

Evidence of Improvement Based Upon Analysis of Results:
The Sociology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated the use of additional videos, Internet resources, and reading assignments to give students multiple means of representation of content
2. Incorporated additional technology in the classroom through the use of Apple TV
3. Improved the instructional time by focusing on what will be taught and how instructional material is organized to fully engage students in the learning process

Figure 33

Fall 2017 Reading Comprehension Exam Embedded Results for Sociology I and Evidence of Improvement-GHEC

Fall 2017 Reading Comprehension Sociology for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	43	39	90.70
Question 2	43	34	79.07
Question 3	43	41	95.35
Question 4	43	40	93.02
Question 5	43	39	90.70
Question 6	43	39	90.70

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Sociology.

Criteria/Benchmark: 70% of the students evaluated in Sociology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Sociology faculty created six reading comprehension questions related to Sociology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 43 students representing 2 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 33.

Evidence of Improvement Based Upon Analysis of Results:
 The Sociology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included the use of the Apple TV and Apple iPad for instructional delivery
2. Added everyday living experiences in order for students to fully understand the role of sociology as it relates to neighborhoods, community, family, and religion

Figure 34

Fall 2017 Reading Comprehension Exam Embedded Results for Sociology I and Evidence of Improvement-eLearning/Online

Fall 2017 Reading Comprehension Sociology for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	14	13	92.86
Question 2	14	14	100.00
Question 3	14	14	100.00
Question 4	14	13	92.86
Question 5	14	13	92.86
Question 6	14	9	64.29

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Sociology.

Criteria/Benchmark: 70% of the students evaluated in Sociology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Sociology faculty created six reading comprehension questions related to Sociology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 14 students representing 1 section from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 34.

Evidence of Improvement Based Upon Analysis of Results:
 The Sociology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated the use of additional videos, Internet resources, and reading assignments to give students multiple means of representation of content
2. Incorporated additional technology in the classroom through the use of Apple TV

Figure 35

Fall 2017 Reading Comprehension Exam Embedded Results for Sociology I and Evidence of Improvement-Dual Enrollment

Fall 2017 Reading Comprehension Sociology for Dual Enrollment			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	14	13	92.86
Question 2	14	14	100.00
Question 3	14	14	100.00
Question 4	14	14	100.00
Question 5	14	13	92.86
Question 6	14	14	100.00

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Sociology.

Criteria/Benchmark: 70% of the students evaluated in Sociology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Sociology faculty created six reading comprehension questions related to Sociology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 14 students representing 1 section from the Dual Enrollment High School Sites of Mississippi Delta Community College and the results for this campus site are provided in Figure 35.

Evidence of Improvement Based Upon Analysis of Results:
 The Sociology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided more instructional time to engage students in the discussion of topics within the classroom
2. Incorporated more role play scenarios into the classroom

Figure 36

Fall 2017 Communication Exam Embedded Results for Public Speaking and Evidence of Improvement-Moorhead

Fall 2017 Communication Public Speaking for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	126	64	50.79
Question 2	126	69	54.76
Question 3	126	53	42.06
Question 4	126	92	73.02
Question 5	126	44	34.92
Question 6	126	68	53.97

Continued...Evidence of Improvement Based Upon Analysis of Results:

6. Added materials and videos assessed through newly installed Apple TVs
7. Utilized Apple TVs instead of projectors

Student Learning Outcome: Communication- Students will be able to speak effectively.

Criteria/Benchmark: 70% of the students evaluated in Public Speaking will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Public Speaking faculty created six communication questions related to Public Speaking and embedded into the Fall 2017 final examination. Faculty collected assessment results from 126 students representing 6 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 36.

Evidence of Improvement Based Upon Analysis of Results: The Public Speaking faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated more video explanations for three major speeches
2. Improved technology
3. Paced instruction to correlate with students' learning
4. Allowed students to utilize cell phones for research
5. Added study guides, review materials, more time for instruction, and feedback on developing outlines for speech presentations.

Figure 37

Fall 2017 Communication Exam Embedded Results for Public Speaking and Evidence of Improvement-Greenwood Center

Fall 2017 Communication Public Speaking for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	20	12	60.00
Question 2	20	14	70.00
Question 3	20	16	80.00
Question 4	20	15	75.00
Question 5	20	5	25.00
Question 6	20	14	70.00

Student Learning Outcome: Communication- Students will be able to speak effectively.

Criteria/Benchmark: 70% of the students evaluated in Public Speaking will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Public Speaking faculty created six communication questions related to Public Speaking and embedded into the Fall 2017 final examination. Faculty collected assessment results from 20 students representing 3 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 37.

Evidence of Improvement Based Upon Analysis of Results:
 The Public Speaking faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Spent more time working with students on their delivery notes
2. Encouraged students to use more technology in their presentations
3. Apple TV has been approved for the Greenwood Center

Figure 38

Fall 2017 Communication Exam Embedded Results for Public Speaking and Evidence of Improvement-GHEC

<p style="text-align: center;">Fall 2017 Communication Public Speaking for GHEC</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	58	39	67.24
Question 2	58	44	75.86
Question 3	58	46	79.31
Question 4	58	42	72.41
Question 5	58	27	46.55
Question 6	58	33	56.90

Student Learning Outcome: Communication- Students will be able to speak effectively.

Criteria/Benchmark: 70% of the students evaluated in Public Speaking will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Public Speaking faculty created six communication questions related to Public Speaking and embedded into the Fall 2017 final examination. Faculty collected assessment results from 58 students representing 4 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 38.

Evidence of Improvement Based Upon Analysis of Results: The Public Speaking faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided more review during class.
2. Utilized new technology and students' cell phones for research
3. Incorporated more interactive activities to keep students attentive and involved
4. Increased rigor and expectations of students regarding independent completion of work and giving students the skills needed in order to be successful in the course

Figure 39

Fall 2017 Communication Exam Embedded Results for Public Speaking and Evidence of Improvement-eLearning/Online

Fall 2017 Communication Public Speaking for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	51	34	66.67
Question 2	51	33	64.71
Question 3	51	26	50.98
Question 4	51	43	84.31
Question 5	51	19	37.26
Question 6	51	36	70.59

Student Learning Outcome: Communication- Students will be able to speak effectively.

Criteria/Benchmark: 70% of the students evaluated in Public Speaking will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Public Speaking faculty created six communication questions related to Public Speaking and embedded into the Fall 2017 final examination. Faculty collected assessment results from 51 students representing 3 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 39.

Evidence of Improvement Based Upon Analysis of Results:
The Public Speaking faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated more how-to videos for the three major speech assignments
2. Made improvements in technology
3. Added rubrics for grading to improve feedback to students on outlines and speech presentations

Figure 40

Fall 2017 Reading Comprehension Exam Embedded Results for Psychology and Evidence of Improvement-Moorhead

Fall 2017 Reading Comprehension Psychology for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	211	205	97.16
Question 2	211	205	97.16
Question 3	211	210	99.53
Question 4	211	203	96.21
Question 5	211	203	96.21
Question 6	211	196	92.89

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Psychology.

Criteria/Benchmark: 70% of the students evaluated in Psychology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Psychology faculty created six reading comprehension questions related to Psychology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 211 students representing 6 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 40.

Evidence of Improvement Based Upon Analysis of Results:
 The Psychology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided daily reinforcement of the material covered by chapter quizzes and class assignments
2. Added video clips to the chapter PowerPoints
3. Added supplementary material for outside classroom use into Canvas

Figure 41

Fall 2017 Reading Comprehension Exam Embedded Results for Psychology and Evidence of Improvement-Greenwood Center

Fall 2017 Reading Comprehension Psychology for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	14	12	85.71
Question 2	14	12	85.71
Question 3	14	12	85.71
Question 4	14	12	85.71
Question 5	14	12	85.71
Question 6	14	12	85.71

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Psychology.

Criteria/Benchmark: 70% of the students evaluated in Psychology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Psychology faculty created six reading comprehension questions related to Psychology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 14 students representing 1 section from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 41.

Evidence of Improvement Based Upon Analysis of Results:
 The Psychology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided daily reinforcement of the material covered by chapter quizzes and class assignments
2. Added video clips to the chapter PowerPoints
3. Added supplementary material for outside classroom use into Canvas

Figure 42

Fall 2017 Reading Comprehension Exam Embedded Results for Psychology and Evidence of Improvement-GHEC

Fall 2017 Reading Comprehension Psychology for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	57	48	84.21
Question 2	57	50	87.72
Question 3	57	48	84.21
Question 4	57	52	91.23
Question 5	57	46	80.70
Question 6	57	52	91.23

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Psychology.

Criteria/Benchmark: 70% of the students evaluated in Psychology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Psychology faculty created six reading comprehension questions related to Psychology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 57 students representing 2 sections from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 42.

Evidence of Improvement Based Upon Analysis of Results:
 The Psychology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Used the Apple TV and Apple iPad for instructional delivery
2. Added everyday living experiences in instruction in order for students to understand the role of psychology as it relates to psychological disorders
3. Adding the Apple TV and Apple iPads at GHEC has greatly improved the use of interactive tools of the course

Figure 43

Fall 2017 Reading Comprehension Exam Embedded Results for Psychology and Evidence of Improvement-eLearning/Online

Fall 2017 Reading Comprehension Psychology for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	52	52	100.00
Question 2	52	52	100.00
Question 3	52	52	100.00
Question 4	52	52	100.00
Question 5	52	52	100.00
Question 6	52	52	100.00

Student Learning Outcome: Reading Comprehension- Students will be able to comprehend readings from Psychology.

Criteria/Benchmark: 70% of the students evaluated in Psychology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Psychology faculty created six reading comprehension questions related to Psychology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 52 students representing 2 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 43.

Evidence of Improvement Based Upon Analysis of Results:
 The Psychology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided visual aids and allowed students to openly discuss classroom topics
2. Incorporated more technology and workshops via Virtual Learning

Figure 44

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Art Appreciation and Evidence of Improvement-Moorhead

Fall 2017 Historical/Cultural Awareness Art Appreciation for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	105	53	50.48
Question 2	105	57	54.29
Question 3	105	66	62.86
Question 4	105	15	14.29
Question 5	105	47	44.76
Question 6	105	67	63.81

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Art Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Art Appreciation faculty created six historical/cultural questions related to Art Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 105 students representing 6 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 44.

Evidence of Improvement Based Upon Analysis of Results: The Art Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Added more informative extras through the use of demonstration and videos
2. Added additional technology to enhance teaching methods
3. Incorporated more video and project-based learning
4. Utilized the Gallery for artwork displays, which also allowed faculty to use as teaching tool

Figure 45

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Art Appreciation and Evidence of Improvement-Greenwood Center

Fall 2017 Historical/Cultural Awareness Art Appreciation for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	15	9	60.00
Question 2	15	12	80.00
Question 3	15	9	60.00
Question 4	15	2	13.33
Question 5	15	7	46.67
Question 6	15	6	40.00

Continued...Evidence of Improvement Based Upon Analysis of Results:

4. Added extra credit assignments to help students to be more successful
5. Added more in-class hands-on assignments and added an additional project for the course

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Art Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Art Appreciation faculty created six historical/cultural questions related to Art Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 15 students representing 2 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 45.

Evidence of Improvement Based Upon Analysis of Results: The Art Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Introduced more video and project-based learning
2. Increased classroom technology
3. Reflected on what students did well on each semester to make improvements to alter teaching the following semester

Figure 46

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Art Appreciation and Evidence of Improvement-GHEC

Fall 2017 Historical/Cultural Awareness Art Appreciation for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	13	7	53.85
Question 2	13	7	53.85
Question 3	13	6	46.15
Question 4	13	1	7.69
Question 5	13	8	61.54
Question 6	13	9	69.23

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Art Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Art Appreciation faculty created six historical/cultural questions related to Art Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 13 students representing 1 section from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 46.

Evidence of Improvement Based Upon Analysis of Results:
The Art Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Added more informative extras through the use of demonstrations and videos
2. Incorporated additional technology to enhance teaching methods
3. Art Appreciation classes have smart TVs and Apple TV access

Figure 47

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Art Appreciation and Evidence of Improvement-eLearning

**Fall 2017
Historical/Cultural Awareness
Art Appreciation for eLearning/Online**

Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	33	11	33.33
Question 2	33	21	63.64
Question 3	33	19	57.58
Question 4	33	26	78.79
Question 5	33	9	27.27
Question 6	33	22	66.67

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Art Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Art Appreciation faculty created six historical/cultural questions related to Art Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 33 students representing 2 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 47.

Evidence of Improvement Based Upon Analysis of Results: The Art Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Streamlined Canvas course to make it easier to navigate
2. Added more interactive exercises
3. Encouraged more variety in the types of questions in quizzes
4. Improved video assignments for the course

Figure 48

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Music Appreciation and Evidence of Improvement-Moorhead

Fall 2017 Historical/Cultural Awareness Music Appreciation for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	64	53	82.81
Question 2	64	59	92.19
Question 3	64	51	79.69
Question 4	64	51	79.69
Question 5	64	48	75.00
Question 6	64	54	84.38

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Music Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Music Appreciation faculty created six historical/cultural questions related to Art Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 64 students representing 2 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 48.

Evidence of Improvement Based Upon Analysis of Results:
 The Music Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Utilized live music; played music on different instruments to teach the course skills
2. Made the course more relevant to students and the music students listen to you today
3. Added Apple TVs to instruction
4. Incorporated more in-class activities
5. Implemented current audio and video examples

Figure 49

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Music Appreciation and Evidence of Improvement-Greenwood

**Fall 2017
Historical/Cultural Awareness
Music Appreciation for Greenwood Center**

Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	14	12	85.71
Question 2	14	13	92.86
Question 3	14	12	85.71
Question 4	14	11	78.57
Question 5	14	10	71.43
Question 6	14	12	85.71

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Music Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Music Appreciation faculty created six historical/cultural questions related to Music Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 14 students representing 1 section from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 49.

Evidence of Improvement Based Upon Analysis of Results: The Music Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Utilized live music; played music on different instruments to teach the course skills
2. Made the course more relevant to students and the music students listen to you today
3. Added Apple TVs to instruction
4. Incorporated more in-class activities

Figure 50

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Music Appreciation and Evidence of Improvement-GHEC

Fall 2017 Historical/Cultural Awareness Music Appreciation for GHEC			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	5	4	80.00
Question 2	5	2	40.00
Question 3	5	1	20.00
Question 4	5	2	40.00
Question 5	5	3	60.00
Question 6	5	4	80.00

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Music Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Music Appreciation faculty created six historical/cultural questions related to Music Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 5 students representing 1 section from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 50.

Evidence of Improvement Based Upon Analysis of Results:
 The Music Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more videos to enhance lectures
2. Expanded assignments the students completed on Canvas to help students better understand the material for tests
3. Revised Canvas course shell to for easier navigation and easier accessibility

Figure 51

Fall 2017 Historical/Cultural Awareness Exam Embedded Results for Music Appreciation and Evidence of Improvement-eLearning

Fall 2017 Historical/Cultural Awareness Music Appreciation for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	16	8	50.00
Question 2	16	9	56.25
Question 3	16	5	31.25
Question 4	16	3	18.75
Question 5	16	7	43.75
Question 6	16	10	62.50

Student Learning Outcome: Historical/Cultural Awareness- Students will be able to analyze how history and culture affect society.

Criteria/Benchmark: 70% of the students evaluated in Music Appreciation will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Music Appreciation faculty created six historical/cultural questions related to Music Appreciation and embedded into the Fall 2017 final examination. Faculty collected assessment results from 16 students representing 2 sections from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 51.

Evidence of Improvement Based Upon Analysis of Results: The Music Appreciation faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more videos to enhance lectures
2. Expanded assignments the students completed on Canvas to help students better understand the material for tests
3. Revised Canvas course shell to for easier navigation and easier accessibility
4. Introduced more vides and project-based learning

Figure 52

Fall 2017 Critical Thinking Exam Embedded Results for Principles of Biology and Evidence of Improvement-Moorhead

Fall 2017 Critical Thinking Principles of Biology for Moorhead			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	106	97	91.51
Question 2	106	96	90.57
Question 3	106	103	97.17
Question 4	106	86	81.13
Question 5	106	97	91.51
Question 6	106	97	91.51

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Principles of Biology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Biology faculty created six critical thinking questions related to Principles of Biology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 106 students representing 4 sections from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 52.

Evidence of Improvement Based Upon Analysis of Results:
The Principles of Biology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Incorporated new laboratories to improve student's understanding of subject matter and enhance the learning experience
2. Replaced some computers in the labs
3. Increased lighting in all labs and classrooms.

Figure 53

Fall 2017 Critical Thinking Exam Embedded Results for Principles of Biology and Evidence of Improvement-Greenwood Center

Fall 2017 Critical Thinking Principles of Biology for Greenwood Center			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	43	43	100.00
Question 2	43	37	86.05
Question 3	43	40	93.02
Question 4	43	36	83.72
Question 5	43	41	95.35
Question 6	43	39	90.70

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Principles of Biology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Biology faculty created six critical thinking questions related to Principles of Biology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 43 students representing 3 sections from the Greenwood Center campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 53.

Evidence of Improvement Based Upon Analysis of Results:
The Principles of Biology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Improved instructional strategies and techniques; saved sites from Khan Academy and the library's Films on Demand
2. Utilized enrichment images and clips to illustrate points of interest that students struggle to visualize
3. Added a stainless steel sink in the Biology lab

Figure 54

Fall 2017 Critical Thinking Exam Embedded Results for Principles of Biology and Evidence of Improvement-GHEC

<p style="text-align: center;">Fall 2017 Critical Thinking Principles of Biology for GHEC</p>			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	16	12	75.00
Question 2	16	12	75.00
Question 3	16	9	56.25
Question 4	16	14	87.50
Question 5	16	14	87.50
Question 6	16	15	93.75

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Principles of Biology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Biology faculty created six critical thinking questions related to Principles of Biology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 16 students representing 1 section from the GHEC campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 54.

Evidence of Improvement Based Upon Analysis of Results:
 The Principles of Biology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Used Apple TV's more for video clip reinforcements
2. Increased lab materials in order to strengthen understanding of concepts
3. Utilized PBI Student Success funds to purchase laboratory and classroom equipment

Figure 55

Fall 2017 Critical Thinking Exam Embedded Results for Principles of Biology and Evidence of Improvement-eLearning/Online

Fall 2017 Critical Thinking Principles of Biology for eLearning/Online			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	20	15	75.00
Question 2	20	10	50.00
Question 3	20	18	90.00
Question 4	20	7	35.00
Question 5	20	16	80.00
Question 6	20	14	70.00

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Principles of Biology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Biology faculty created six critical thinking questions related to Principles of Biology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 20 students representing 1 section from the eLearning/Online campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 55.

Evidence of Improvement Based Upon Analysis of Results: The Principles of Biology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Provided more external websites that may help explain difficult concepts to online students

Figure 56

Fall 2017 Critical Thinking Exam Embedded Results for Principles of Biology and Evidence of Improvement-Dual Enrollment

Fall 2017 Critical Thinking Principles of Biology for Dual Enrollment			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	13	6	46.15
Question 2	13	5	38.46
Question 3	13	13	100.00
Question 4	13	5	38.46
Question 5	13	11	84.62
Question 6	13	8	61.54

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Principles of Biology will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Biology faculty created six critical thinking questions related to Principles of Biology and embedded into the Fall 2017 final examination. Faculty collected assessment results from 13 students representing 1 section from the Dual Enrollment High School Sites of Mississippi Delta Community College and the results for this campus site are provided in Figure 56.

Evidence of Improvement Based Upon Analysis of Results:
The Principles of Biology faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Included more labs and project-based learning than in previous years
2. Added hands-on experience at Monsanto Research Facility and Stoneville Research Facility
3. Added more materials for labs including new plant slides

Figure 57

Fall 2017 Critical Thinking Exam Embedded Results for Physical Science and Evidence of Improvement-Moorhead

**Fall 2017
Critical Thinking
Physical Science for Moorhead**

Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	53	44	83.02
Question 2	53	45	84.91
Question 3	53	43	81.13
Question 4	53	47	88.68
Question 5	53	47	88.68
Question 6	53	41	77.36

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Physical Science will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Physical Science faculty created six critical thinking questions related to Physical Science and embedded into the Fall 2017 final examination. Faculty collected assessment results from 53 students representing 4 sections from the Dual Enrollment High School Sites of Mississippi Delta Community College and the results for this campus site are provided in Figure 57.

Evidence of Improvement Based Upon Analysis of Results:
The Physical Science faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Made changes to Canvas quizzes to help students prepare for tests
2. Added questions on videos into Canvas
3. Used more demonstrations in class to give students more hands-on instruction
4. Encouraged students to visit the Student Success Center of Learning

Figure 58

Fall 2017 Critical Thinking Exam Embedded Results for Physical Science and Evidence of Improvement-Dual Enrollment

Fall 2017 Critical Thinking Physical Science for Dual Enrollment			
Question	# of Students Attempting Question	# of Students Answering Question Correctly	% of Students Answering Question Correctly
Question 1	7	7	100.00
Question 2	7	0	0.00
Question 3	7	4	57.14
Question 4	7	7	100.00
Question 5	7	7	100.00
Question 6	7	5	71.43

Student Learning Outcome: Critical Thinking- Students will be able to think critically about a problem in science and formulate possible conclusions or solutions.

Criteria/Benchmark: 70% of the students evaluated in Physical Science will answer each of the six embedded questions correctly.

Explanation of Processes: To evaluate this student learning outcome, the Physical Science faculty created six critical thinking questions related to Physical Science and embedded into the Fall 2017 final examination. Faculty collected assessment results from 7 students representing 1 section from the Moorhead campus of Mississippi Delta Community College and the results for this campus site are provided in Figure 57.

Evidence of Improvement Based Upon Analysis of Results:
The Physical Science faculty analyzed the results from the Fall 2017 embedded examination results and made the following changes in order to meet the benchmark for the next assessment cycle:

1. Utilized more practical examples and more outside video clips to enhance the understanding of concepts
2. Provided more enrichment opportunities for students, published handouts, and supplemental problems