General Education Program (F2011-S2012)

Date of report: February 6, 2014

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Collapse All

About this Improvement Project

Improvement Project General Education Place:

Assessment Unit Information

✤ Select Assessment Planning Form	[2010-2012] Daytona Beach College of Arts & Sciences Academic Plans
🔆 Program Name:	General Education Program (F2011-S2012)
Contact Name:	Alan Pratt
Contact Email:	pratta@erau.edu
Contact Phone:	226 7779
★ Public?	Yes

Status of Assessment Plan

* Status of Assessment Planning = Ready for Approval; Improvement = Draft Plan

Program Mission Statement

	★ Program Mission Statement	Recognizing its general and special missions in education, Embry-Riddle Aeronautical University embraces a General Education Program. This course of study ensures that students possess the attributes expected of all university graduates. The General Education Program enables students, regardless of their degree program, to understand the significance of acquiring a broad range of knowledge. Throughout the General Education Program, students gain and enhance competence in written and oral communication. They practice reasoning and critical thinking skills and demonstrate computer proficiency. As students engage in this course of study, they familiarize themselves with and investigate ideas and methodologies from several disciplines. These include the arts and humanities, the social sciences, economics, the natural sciences and mathematics. The program also helps students recognize interrelationships among the disciplines. Promoting the appreciation of varied perspectives, the General Education Program provides intellectual stimulation, ensuring that students are broadly educated. This course of study empowers students to make informed value judgments, to expand their knowledge and understanding of themselves, and to lead meaningful, responsible, and satisfying lives as individuals, professionals, and concerned members of their society and the world. Over 4500 students are enrolled in the General Education Program at Daytona Beach.
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Alignment of Program Mission Statement to University Mission

Improvement Project 360° View

Select checkboxes below for all of the appropriate elements that indicate how your Unit Mission aligns with the University Mission Statement.

University Mission Statement:

At Embry-Riddle, our mission is to teach the science, practice and business of aviation and aerospace, preparing students for productive careers and leadership roles in service around the world.

Our technologically enriched, student-centered environment emphasizes learning through collaboration and teamwork, concern for ethical and responsible behavior, cultivation of analytical and management abilities, and a focus on the development of the professional skills needed for participation in a global community. We believe a vibrant future for aviation and aerospace rests in the success of our students. Toward this end, Embry-Riddle is committed to providing a climate that facilitates the highest standards of academic achievement and knowledge discovery, in an interpersonal environment that supports the unique needs of each individual. Embry-Riddle Aeronautical University is the world's leader in aviation and aerospace education. The University is an independent, non-profit, culturally diverse institution providing quality education and research in aviation, aerospace, engineering and related fields leading to associate's, baccalaureate's, master's and doctoral degrees.

Preparing Students for Productive Careers	Yes
Preparing students for leadership roles in service around the world	Yes
Technologically enriched environment	Yes
Emphasize learning through collaboration and teamwork	Yes
Concern for ethical and responsible behavior	Yes
Cultivate analytical abilities	Yes
Cultivate management abilities	Yes
Develop the professional skills needed for participation in a global community	Yes
Facilitating the highest standards of academic achievement	Yes
Facilitating knowledge discovery	Yes
Providing an interpersona environment that supports the unique needs of each individual	
Assessment Year in	Review
Ad Hoc Improvements in Past Year (optional)	
Collaboration with Others to Evaluate Assessment Results and Recommend Improvements	All course and the C designed Improvem

All course assessment plans are created by course monitors and approved by department chairs and the General Education Committee. Necessary tools, such as rubrics and surveys, are designed by faculty teaching the courses.

Improvements are discussed with course faculty and department chairs.

Changes to Assessment Organization, Processes,

Participants (optional)			
Additional Information (optional)	Attached: Indicator Courses for Ge 2014).	neral Education Assessment	2nd 3-year cycle (F 2012 - \$
	Also attached: Assessment plans for	this year's six courses.	
	Reporting for F 2011 - S 2012 due	Sept. 2012	
Attach File(s) (optional	Attachments		Туре
	Indicator Courses 2012-14.doc		Attachment
	11 Gen Ed Plan PS250_Nykyri.docx		Attachment
	11-12 Gen Ed Plan AS 472 Halleran.c	locx	Attachment
	Assessment Planning for CIV 460.do	cx	Attachment
	BA120GenEdAssessment2011-2012	.doc	Attachment
	gen_ed_assessment_hu338_revise	d.docx	Attachment
	EGR 115.pdf		Attachment
System Informatio	n		
Last Modified Date	Tuesday, September 4, 2012 1:03:34 P	MEDT	
Last User to Modify	pratta		
provement Project Ol	ojectives		
Name	De	scription Stat	tus Public
Communication Techr	nology		No
Ethical Responsiblity			No
Human Experience			No
Mathematics			No

MathematicsNoOral CommunicationNoScientific InquiryNoWritten DocumentsNo

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Improvement Project Objectives

☆ Communication Technology

Select Outcome to Assess from Master List of Outcomes

Instructions: Below, click the "BROWSE" button to:

1. (REQUIRED) Select an outcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program Outcomes" - > "GO" button).

2. (OPTIONAL) Align outcome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("BROWSE" -> "Standards" -> "GO" button).

X Select Outcome from Master List of Outcomes

* Assessment Outcome Communication Technology Title

Assessment Measures, Criteria for Success and Results

Measurement One

Communication Technology

🕂 🔆 🔆 🔆 🔆	entRubric-scored artifact in non-culmnating	course(s)
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	Rubric-scored artifact in non-culmnating course(s)
Description of 'Other' Means of Assessment	BA 120 Intro. to Computer-Based Systems Primary and Guest faculty members will independently review randomly selected student projects and assign value points (0 to 5). Those scores will later be compared and totaled for a representative overall course success "grade" in addition to a normalizing of the selected student's ratings. This is similar to a portfolio review system.
Details of Assessment Measurement (Timeframe of Data Collection, Participants/Roles, etc.)	9
★ Criterion for Success	70% of students in each of the four examined classes will produce acceptable (average or above) final reports and corresponding subsections of the project.
Assessment Results / Data Collected	Instructor One rated 89% of student projects "Excellent to Good" and Instructor Two rated 78% of student projects "Excellent to Good." Both evaluations were well above the 70% success rate assessment goal.
	Eighty-two percent of the students enrolled in the 3 sections of BA 120 (AY 2011—2012) were considered to have achieved the majority of the course outcomes earning grades of A, B, or C, equivalent to the "Excellent to Good" categories described in the evaluation. The final course grade also included the final student project which accounts for 30% of the students' final grade.
	Based upon the results of this measurement, no action is recommended. The current approach is being slightly modified to include more collaboration on a final project. A group Wiki report and final presentation is replacing the individual word processed paper and the individual final presentation. The Wiki will include the same requirements as the formal project but will involve group participation. The attractiveness of a Wiki project is that group participation is transparent since member contributions and editing are both traceable and measurable. In addition, a contemporary, web-based collaborative technology will be introduced into the course.
Measurement Two	
Means of Assessment	Other (please specify below)
Description of 'Other' Means of Assessment	BA 120 Student Survey
Details of Assessment Measurement	IR Graduating Student Survey Responses on the following questions asked of seniors during the week preceding graduation will be used to determine if the courses that address computer literacy have prepared graduates for technological communication in the world of work. "To what extent has your experience at ERAU helped you to: access, analyze, and communicate information using multiple means/media?"
Criterion for Success	20% or fewer graduates will answer "Very Little" or "Not at All"
Assessment Results / Data Collected	The graduating student response rates for AY 201011 were 16 students and 21 students for AY 201112. As a college we need to continue to encourage our students to participate in the survey. If we review all years combined beginning with Academic Years 2008-09 to Academic Year 2011-12 a total of 68 students completed the survey. A total of 48% (Very Much) of respondents and a total of 38% (Quite a bit) respondents agree with the statement that ERAU contributed to their skills in knowledge of how to access, analyze, and communicate information using multiple means/media.

Measurement Three

Means of Assessment Other (please specify below)

Description of 'Other' Means of Assessment

Details of Assessment

Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior design project	No
Exam in non-culminating course(s)	No
Rubric-scored artifact in non-culminating course(s)	No
End of course evaluations	No
Focus group/structured interviews (students, faculty)	No
ERAU Student Satisfaction Survey	No
ERAU Graduating Studen Survey	No
ERAU Alumni Survey	No
ERAU Employer Feedback Survey	No
National Survey of Studen Engagement (NSSE)	tNo
	tNo No
Engagement (NSSE) Incoming Freshmen	
Engagement (NSSE) Incoming Freshmen Survey (CIRP)	No
Engagement (NSSE) Incoming Freshmen Survey (CIRP) Other national survey External or internal peer	No No

rates		
Other (Please specify below)	Νο	
Description of 'Other' Means of Assessment		
Details of Assessment Measurement		
Criterion / Criteria for Success		
Assessment Results / Data Collected		
nprovements		
Assessment Outcor	ne Title	
Outcome Title	Communication Technology	
Use of Assessment	Results	
Have assessment result been used to make improvements?	s Yes (Select all that apply below, then describe)	
Pedagogical modifications were made	Yes	
Course sequence was altered	Νο	
Technology-related changes were made	Νο	
Personnel-related changes were made	Νο	
Other	Νο	
Description of Improvements	The current approach is being slightly modified to include more con group Wiki report and final presentation is replacing the individual individual final presentation. The Wiki will include the same requi will involve group participation. The attractiveness of a Wiki project transparent since member contributions and editing are both trace addition, a contemporary, web-based collaborative technology will	word processed paper and the irements as the formal project but ct is that group participation is eable and measurable. In
Attach File(s) (optional)	Attachments	Туре
	DB_GENED COMM [2012-13] ASMEAS MEAS3 DET.pdf	Attachment
	BA120 Assessment Results.docx	Attachment

Planned Future Improvements

Indicate and describe any planned improvements. If new funds are required for planned improvements, you will also need to complete the next tab, "Mission Critical Budget Request".

Do assessment results No indicate any critical improvements that must be made in the next fiscal year?

Description of Plannec Improvements

Mission-Critical Budget Request

Assessment Out	ome Title	
Outcome Title	Communication Technology	
Mission-Critical I	Budget Request	
Title of Budget Reque	st	
Details of Budget Red	uest	
Are capital funds required?	Νο	
Total Amount of Oper Funds Requested	ting	
Salaries: \$		
Duration:		
Benefits: \$		
Duration:		
Professional Development: \$		
Duration:		
Computer Hardware:	Þ	
Duration:		
Computer Software: \$		
Duration:		
Other Operating Fund	s: \$	
Duration:		
		 Back to top
Ethical Responsi	olity	

Instructions: Below, click the "BROWSE" button to:

1. (REQUIRED) Select an outcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program Outcomes" -> "GO" button).

2. (OPTIONAL) Align outcome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("BROWSE" -> "Standards" -> "GO" button).

★ Select Outcome from Master List of Outcomes

* Assessment Outcome Ethical Responsibility Title

Assessment Measures, Criteria for Success and Results

Measurement One

Outcome Title

Ethical Responsiblity

Means of Assessment Other (please specify below)

Description of 'Other' AS 472 Operational Applications in Aeronautical Science. End of course survey.

Means of Assessment

Details of Assessment Measurement (Timefram	See attachment: DB_GENED ETH [2012-13] ASMEAS MEAS1 DET.pdf
of Data Collection, Participants/Roles, etc.)	Selected student portfolios will contain at least one example of research signaling the author's recognition of the importance of ethical responsibility both professionally and socially.
★ Criterion for Success	Criterion for Success: 80% of selected student portfolios will contain at least one example of research signaling the author's recognition of the importance of ethical responsibility both professionally and socially.
Assessment Results / Data Collected	Method one involved the students doing a self-assessment of their professional ethics and is an indirect evaluation of this program outcome. Below is the student self evaluation of ethics analyses.
	In the above chart, 54 students self evaluated their ethical standards in five categories; Altruism, Duty, Excellence, Respect, and Honor. With the established criteria for success requiring that 80% of students meet or exceed the criteria established by the faculty, no more than 43 student should fail to achieve the expected level of success. The performance of the students did not fall below the 80% criteria in any of the chosen areas of ethical responsibilities.
	The two best areas of ethical responsibility were Excellence and Respect with no students receiving a "Below" ranking in this area and 43 students showing an "Exceeds". The category of Honor was in the middle of the rankings with 18 students "Meets" and 36 students with an "Exceeds". The weakest ethical areas were Altruism and Duty with one student receiving a "Below". This perceived weakness is not surprising to the faculty given the exceptional demands placed on students' time in the academic and flight training environment at Embry-Riddle.
	These rankings may be unusually high compared to a national ranking in the United States, however, with the unique nature of Embry-Riddle and the focused student body, these high rankings do not differ from the faculty's expected results. With significantly more than 80% of the students receiving a "Meets" or "Exceeds" in every category of ethical responsibility, the faculty of Embry-Riddle is doing an exceptional job in teaching ethical responsibility both socially and professionally. While all credit cannot be given to the faculty for the life-long teaching of social ethical responsibility to these students, the faculty does contribute significantly to the developme of the professional ethics of these students in the career field for which they are training.
Measurement Two	
Means of Assessment	Rubric-scored artifact in non-culmnating course(s)
Description of 'Other' Means of Assessment	
Details of Assessment Measurement	AS 472 Method involved the professors rating each student using the professional assessment attachment to this document as an Appendix. This method serves as a direct evaluation of this program outcome. The students were also asked to give their assessment of their performance (indirect evaluation) in the areas of Bearing (Courtesy, Ego Control, Respect), Participation, and Reliability.
Criterion for Success	80% of the students will receive an above average grade for professionalism.
Assessment Results / Data Collected	Fifty-six students completed the professionalism assessment, but only 52 ranked what they thought the professor would give them for a professionalism grade, therefore 52 surveys were analyzed. This professionalism grade counts 20% of the students' final grade.
	In 19 cases, the student assessment for professionalism was higher than the professors' grades In 21 cases, the professors' ranking were higher than the students. And in 12 cases the grades given by the professor were the same as the student assessment. The average score given by professors for this professionalism grade was 17. The average score given by student assessme for this professionalism grade was also 17. This analysis means that the average grade for professionalism in AS 472 for fall 2011 was an 85% on a scale of 100%. This analysis also meet

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior No design project
Exam in non-culminating No course(s)
Rubric-scored artifact in No non-culminating course(s)
End of course evaluations No
Focus group/structured No interviews (students, faculty)
ERAU Student No Satisfaction Survey
ERAU Graduating Student No Survey
ERAU Alumni Survey No
ERAU Employer No Feedback Survey
National Survey of Student No Engagement (NSSE)
Incoming Freshmen No Survey (CIRP)
Other national survey No
External or internal peer No review
Retention / graduation No rates

Employment placement / No

continuing education rates		
Other (Please specify below)	Νο	
Description of 'Other' Means of Assessment		
Details of Assessment Measurement		
Criterion / Criteria for Success		
Assessment Results / Data Collected		
nprovements		
Assessment Outcor	ne Title	
Outcome Title	Ethical Responsiblity	
Use of Assessment	Results	
Have assessment result been used to make improvements?	s No	
Pedagogical modifications were made	No	
Course sequence was altered	Νο	
Technology-related changes were made	Νο	
Personnel-related changes were made	Νο	
Other	No	
Description of Improvements		
Attach File(s) (optional)	Attachments	Туре
	DB_GENED ETH [2012-13] ASMEAS MEAS1 DET.pdf	Attachment
	Gen Ed Plan AS 472 Halleran results for fall 2011.docx	Attachment
	Gen Ed Plan AS 472 Halleran for spring 2012.docx	Attachment

Planned Future Improvements

Indicate and describe any planned improvements. If new funds are required for planned improvements, you will also need to complete the next tab, "Mission Critical Budget Request".

Do assessment results No indicate any critical improvements that must be made in the next fiscal year?

Description of Planned Improvements

Mission-Critical Budget Request

)14		Improvement Project 360° View	
	Assessment Outcome	ne Title Ethical Responsiblity	
	Outcome Inte		
	Mission-Critical Budg	get Request	
	Details of Budget Request	t	
	Are capital funds required?	No	
	Total Amount of Operating Funds Requested		
	Salaries: \$		
	Duration:		
	Benefits: \$		
	Duration:		
	Professional Development: \$		
	Duration:		
	Computer Hardware: \$		
	Duration:		
	Computer Software: \$		
	Duration:		
	Other Operating Funds: \$		
	Duration:		
			 Back to top

∧ Human Experience

-	
Select Outcome to	Assess from Master List of Outcomes
	k the "BROWSE" button to: outcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program Outcomes" -
2. (OPTIONAL) Align outcome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("BROWSE" -> "Standards" -> "GO" button).	
★ Select Outcome from Master List of Outcomes	
<mark>⊁</mark> Assessment Outcon Title	ne Human Experience
Assessment Measures, (Criteria for Success and Results
Measurement One	
Outcome Title	Human Experience
✤ Means of Assessme	entOther (please specify below)
Description of 'Other' Means of Assessment	HU 338 Traversing the Borders: Interdisciplinary Explorations End of Course Survey

Details of Assessment Measurement (Timefram of Data Collection, Participants/Roles, etc.)	
★ Criterion for Success	80% of surveyed students will report that the course texts, discussions, and assignments have increased their recognition of the complexity of human experience from a variety of perspectives, for example, cultural, aesthetic, social, technological, scientific, psychological, philosophical, and historical.
Assessment Results / Data Collected	A total of 92% of the respondents strongly agreed or agreed with the statement concerning course materials. A total of 100% of the respondents strongly agreed or agreed with the statement concerning class discussions, and a total of 76% strongly agreed or agreed with the statement concerning class assignments.
Measurement Two	
Means of Assessment	Rubric-scored artifact in non-culmnating course(s)
Description of 'Other' Means of Assessment	HU 338 Traversing the Borders: Interdisciplinary Explorations Portfolio Analysis.
Details of Assessment Measurement	See attachment: DB_GENED HUM [2012-13] ASMEAS MEAS2 DET.pdf
Criterion for Success	80% of selected student portfolios will contain at least one example of research signaling the author's recognition of the complexity of human experience from a variety of perspectives, for example, cultural, aesthetic, social, technological, scientific, psychological, philosophical, and historical.
Assessment Results / Data Collected	67% of the portfolios from HU 338 - Fall 2011 were assessed as "Adequate." Results from HU 338 - Spring 2012 indicate that 25% of the portfolios were assessed as "Exceptional" and 25% were assessed as "Adequate," totaling 50% of the selected portfolios relaying appropriate analysis. Goals not achieved.
Measurement Thre	6
Means of Assessment	Rubric-scored artifact in non-culmnating course(s)
Description of 'Other'	
Means of Assessment	
	member created a rubric (see Appendix A below) to assess whether the portfolio materials indicated whether the students were able to "describe the complexity of human experience
Means of Assessment Details of Assessment	whether the students' work in the course indicated that the learning outcome being assessed had been met. The SS110 instructor was asked to collect one exam, an analysis of an assigned text, and a final paper for all students. The Course Monitor and one other SS faculty member created a rubric (see Appendix A below) to assess whether the portfolio materials indicated whether the students were able to "describe the complexity of human experience from a variety of perspectives, for example, cultural, aesthetic, social, technological, scientific,
Means of Assessment Details of Assessment Measurement	whether the students' work in the course indicated that the learning outcome being assessed had been met. The SS110 instructor was asked to collect one exam, an analysis of an assigned text, and a final paper for all students. The Course Monitor and one other SS faculty member created a rubric (see Appendix A below) to assess whether the portfolio materials indicated whether the students were able to "describe the complexity of human experience from a variety of perspectives, for example, cultural, aesthetic, social, technological, scientific, psychological, philosophical, and historical."

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior design project	No
Exam in non-culminating course(s)	No
Rubric-scored artifact in non-culminating course(s)	No
End of course evaluations	No
Focus group/structured interviews (students, faculty)	No
ERAU Student Satisfaction Survey	No
ERAU Graduating Student	No
ERAU Alumni Survey	No
ERAU Employer Feedback Survey	No
National Survey of Studen Engagement (NSSE)	tNo
Incoming Freshmen Survey (CIRP)	No
Other national survey	No
External or internal peer review	No
Retention / graduation rates	No
Employment placement / continuing education rates	No
Other (Please specify below)	No

Descri	otion c	of 'Othe	er'
Means	of As s	sessm	ent

Measurement

Improvements

Assessment Outcome Title

Human Experience

c U

Use of Assessment	
Have assessment results been used to make improvements?	s Yes (Select all that apply below, then describe)
Pedagogical modifications were made	Yes
Course sequence was altered	No
Technology-related changes were made	No
Personnel-related changes were made	Νο
Other	No
Description of Improvements	 Based upon the results of this measurement approach, reviewed in conjunction with faculty who teach HU 140/141, HU 143, and HU 338, the Course Monitor has several recommendations for faculty members during the upcoming academic year: •&vβσπ;Faculty members in courses currently being assessed will be required to submit writing assignments along with their course syllabi at the beginning of the semester. •&vβσπ;The Course Monitor will be expanding the HU 140s series Blackboard page to include a variety of writing assignments and grading rubrics for faculty to review when composing their assignments. Faculty members in courses with mostly inadequate portfolios will be directed to these materials to help redesign their assignments. •&vβσπ;Faculty members will be required to participate in a collaborative session during the Fall semester aimed at reviewing the General Education Program's expectations of our writing assignments and determining whether current writing assignments give students the opportunity to meet those expectations. •&vβσπ;Faculty members will be required to participate in a collaborative session during the Spring semester to review grading practices for sample student work. This session will ensure that faculty members understand how to evaluate student work for the General Education Learning Outcomes during their grading process.

•&vβσπ;The Course Monitor will remind faculty members of the types of writing samples that should be included in the portfolio process and speak individually to faculty members who are not submitting the correct types of writing samples.

•&vβσπ;The sample size for HU 338 will be increased to four students per section to give a higher probability of varied student portfolios. The limited offerings of this course led to smaller sample sizes that did, during the

Improvement Project 360° View

Spring and Fall semester, give a slanted view of the overall performance of students on General Education Learning Outcomes.

 &vβσπ; Finally, the Course Monitor recommends extending the assessment of HU 140/141 through the next academic year, rather than concluding it as planned this year. This extension should give faculty members time to improve the portions of the course that were contributing to the high rate of inadequate portfolios this past year.

If these measures are not successful, courses that include inadequate portfolios will continue to be assessed and the Course Monitor will work with the Department Chair to ensure that all instructors are offering assignments and evaluating those assignments in ways that give students the opportunity to demonstrate their understanding of the values being communicated through the Humanities. Instructors who do not comply with these measures will be met with individually by the Course Monitor and, if necessary, the Department Chair.

Recommendations SS 110

Based upon the results of the portfolio review, in conjunction with faculty who teach SS courses, the Course Monitor has several recommendations for the SS110 instructor for the upcoming academic year:

• SS110, World History, should undergo another review in Spring 2013;

• The Course Monitor will meet with the SS110 instructors, discuss the results of the Spring 2012 assessment report and share the rubric used to assess the quality of the portfolios;

• The Course Monitor will recommend that the SS110 instructors tailor their writing assignments and at least one examination to better allow students the opportunity to meet the Gen Ed outcome expectations;

• The SS110 instructors will work with the Course Monitor and other SS faculty members in an effort to ensure that the assignments are appropriate;

• The sample size for SS110 will be increased to 20% to better reflect the percentage of students that are meeting the Gen Ed outcome.

It is hoped that these recommendations will lead to the desired 80% satisfactory rate.

Attach File(s) (optional)	Attachments	Туре
	DB_GENED HUM [2012-13] ASMEAS MEAS1 DET.pdf	Attachment
	DB_GENED HUM [2012-13] ASMEAS MEAS2 DET.pdf	Attachment
	DB_GENED HUM [2012-13] IMP PLAN.pdf	Attachment
	2012 SS110 Assessment Report.doc	Attachment
	12_GenEd_Assessment_HU140s_revised.docx	Attachment

Planned Future Improvements

Indicate and describe any planned improvements. If new funds are required for planned improvements, you will also need to complete the next tab, "Mission Critical Budget Request".

Do assessment results Yes - planned improvements require NO NEW FUNDS indicate any critical improvements that must be made in the next fiscal year?

Description of Planned See attachment: <u>DB_GENED HUM [2012-13] IMP PLAN.pdf</u> Improvements

Mission-Critical Budget Request

Assessment Outcon	ne Title		
Outcome Title	Human Experience		
Mission-Critical Bud	lget Request		
Details of Budget Reques	st		
Are capital funds required?	No		
Total Amount of Operating Funds Requested]		
Salaries: \$			
Duration:			
Benefits: \$			
Duration:			
Professional Development: \$			
Duration:			
Computer Hardware: \$			
Duration:			
Computer Software: \$			
Duration:			
Other Operating Funds: \$			
Duration:			
			7
			 Back to top
Mathematics			

	lick the "BROWSE" button to: n outcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program	Outcomes" -
2. (OPTIONAL) Align "Standards" -> "GO"	outcome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("B utton).	ROWSE" ->
✤ Select Outcome Master List of Outco		
<mark>⊁</mark> Assessment Ou Title	come Mathematics	
ssessment Measure	s, Criteria for Success and Results	
Measurement C	ne	
Outcome Title	Mathematics	

Description of 'Other' Means of Assessment

Details of Assessment Measurement (Timefram of Data Collection,	See attachment: DB_GENED MATH [2012-13] ASMEAS MEAS1 DET.pdf
Participants/Roles, etc.)	
* Criterion for Success	At least 75% of PS250 students would be able to answer selected test items correctly.
Assessment Results / Data Collected	Program Outcome 1: The criterion of success for this assessment was that at least 75% of PS250 students would be able to answer selected test items correctly. Question 4 was answered correctly by 73 percent of the students, testing thus 2.6 percent lower than anticipated. Question 15 was answered correctly by 74 percent, testing 1.3 percent lower than anticipated. Question 28 was answered correctly by 80 percent of the students testing thus 6.7 percent higher than anticipated. The average of the percentages of number of correct answers to the 3 questions is 76% with standard deviation of 3.1. Considering this average of the correct answers to three questions testing the general education learning outcome 1, we feel that the criterion for success was met.
Measurement Two	
Means of Assessment	Exam in non-culminating course(s)
Description of 'Other' Means of Assessment	
Details of Assessment Measurement	EGR 115 Intro. to Computing for Engineers A common programming assignment shall be provided to all sections of the course. Upon completion, three randomly-selected submissions from each section will be evaluated by a team of three or more course faculty. The team will rate the provided solution as "Applied correctly", "Applied incorrectly", or "Not applied" in response to the question "How did this sample apply college-level mathematics to solve the assigned problem?".
Criterion for Success	At least 75% of a random sampling of submissions will correctly apply college level mathematics.
Assessment Results / Data Collected	Outcome 61% of a random sampling of submissions correctly applied college-level mathematics.
	Outcome #1 measurements confirm anecdotal evidence that the students enrolled in EGR115 are occasionally not prepared sufficiently to apply college-level mathematics (defined by the course faculty to include college algebra, trigonometry, and mathematics notation). The 2011 Fall semester data demonstrated marginally-acceptable performance from the sampled students, while the 2012 Spring semester data indicated a marked lack of preparedness.
	It should also be noted that the samples obtained naturally did not include students who did not submit the assignment – a good portion of whom may not have been capable of doing the assigned mathematics. From this it is
	quite possible to infer that the actual percentage of students capable of applying college-level mathematics is significantly lower than our measurement.
Measurement Three	9
Means of Assessment	Exam in non-culminating course(s)
Description of 'Other' Means of Assessment	
Details of Assessment Measurement	The PS250 Physics for Engineers III course monitor and other instructors prepared an end-of- course exam, covering fundamental topics of introductory level electricity & magnetism and selected topics from modern physics. Each instructor submitted several multiple choice questions, and the questions for the final version of the final exam were put together in the meeting consisting of all the course instructors. A subset of specific topics from the list of official PS 250 course objectives are chosen.
Criterion for Success	The criterion of success for this assessment was that at least 65% of PS250 students would be able to answer selected test items correctly.
Assessment Results /	As 74% and 71.5% of the students answered questions 13 and 20 correctly, respectively, the

Data Collected

Improvement Project 360° View

criterion for success was exceeded. The average of the percentages was 73%, exceeding the anticipated criterion by 12%. 75% for SLO1 assessment as this outcome needs to be mastered and success level of 65% for SLO6 assessment as this outcome needs to be practiced. The students in general loved to learn about special relativity and its strange consequences so we think it contributed to the fact the SLO6 tested much higher than anticipated. In our initial assessment plan submitted in summer 2011 we had chosen the success level of

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior No design project
Exam in non-culminating No course(s)
Rubric-scored artifact in No non-culminating course(s)
End of course evaluations No
Focus group/structured No interviews (students, faculty)
ERAU Student No Satisfaction Survey
ERAU Graduating Student No Survey
ERAU Alumni Survey No
ERAU Employer No Feedback Survey
National Survey of Student No Engagement (NSSE)
Incoming Freshmen No Survey (CIRP)
Other national survey No
External or internal peer No review
Retention / graduation No rates
Employment placement / No

rates		
Other (Please specify below)	Νο	
Description of 'Other' Means of Assessment		
Details of Assessment Measurement		
Criterion / Criteria for Success		
Assessment Results / Data Collected		
provements		
Assessment Outcon	ne Title	
Outcome Title	Mathematics	
Use of Assessment	Results	
	s Yes (Select all that apply below, then describe)	
Pedagogical modifications were made	No	
Course sequence was altered	Yes	
Technology-related changes were made	Νο	
Personnel-related changes were made	Νο	
Other	No	
Other Description of Improvements	No EGR 115 Intro. to Computing for Engineers will add a calculus co-requisite. E to be assessed.	EGR 115 will continue
Description of	EGR 115 Intro. to Computing for Engineers will add a calculus co-requisite. E	EGR 115 will continue
Description of Improvements	EGR 115 Intro. to Computing for Engineers will add a calculus co-requisite. E to be assessed.	
Description of Improvements	EGR 115 Intro. to Computing for Engineers will add a calculus co-requisite. E to be assessed. Attachments	Туре

Planned Future Improvements

Indicate and describe any planned improvements. If new funds are required for planned improvements, you will also need to complete the next tab, "Mission Critical Budget Request".

Do assessment results indicate any critical improvements that must be made in the next fiscal year?	Yes - planned improvements require NO NEW FUNDS
	It should also be noted that the samples obtained naturally did not include students who did not submit the assignment – a good portion of whom may not have been capable of doing the assigned mathematics. From this it is quite possible to infer that the actual percentage of students capable of applying college-level mathematics is significantly lower than our measurement.

	To improve the achievement of this outcome, it is the recommendation of the course faculty that the course receive a formal corequisite of calculus – that is to say that students wishing to enroll in EGR115 must have passed an introductory course in calculus or be enrolled in an introductory calculus course.
Mission-Critical Budget	t Request
Assessment Outo	come Title Mathematics
Mission-Critical E	
Details of Budget Rec	quest
Are capital funds required?	No
Total Amount of Opera Funds Requested	ating
Salaries: \$	
Duration:	
Benefits: \$	
Duration:	
Professional Development: \$	
Duration:	
Computer Hardware:	\$
Duration:	
Computer Software: \$;
Duration:	
Other Operating Fund	IS: \$
Duration:	
Oral Communicat	A Back to
Select Outcome f <u>Instructions</u> : Below, el 1. (REQUIRED) Select an > "GO" button).	to Assess from Master List of Outcomes lick the "BROWSE" button to: n outcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program Outcomes utcome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("BROWSE" ->
★ Select Outcome from Master List of Outcome	
<mark>⊁</mark> Assessment Outc Title	ome Oral Communication

Improvement Project 360° View iteria for Success and Results
Oral Communication
Rubric-scored artifact in non-culmnating course(s)
See attachment: <u>DB_GENED ORAL [2012-13] ASMEAS MEAS1 DET.pdf</u> CIV 460 Senior Design Project The instructor and guests (usually faculty, students, and interested community members) attending the CDR presentations will be asked to complete a short questionnaire at the completion of the review. The questionnaire will ask the observer to rate the following as either: Excellent / Very Good / Good / Fair / Poor based on the design team's oral and written presentation: 1. Overall, how would you rate the professionalism and confidence of the design team? 2. How was the quality of the overheads and visual presentation items? 3. How well did the students know the information presented? 4. How was the presentation team's interaction with the audience? 5. How adequate was the written report submitted prior to the presentation?
80% response rate as either "Excellent" or "Very Good" for each of the questions above.
Analysis: With a 36.5 score, the assessment of the Learning Outcomes was deemed adequate having reached the 30.0 target. There were individuals on the team who did not demonstrate mastery of some aspects of oral presentation, however it was felt that this was indicative a personality trait more than a lack of educational preparation. The civil engineering program will continue to require that all students develop and practice communication skills, thus ensuring that even those students not naturally gifted in oral presentation abilities will be afforded a chance to practice those important skills.
Other (please specify below)
End of course survey.
CIV Senior Design Project An indirect measurement of the attainment of the Learning Outcomes will be generated through a survey of the students at the completion of the course. All students will be asked to answer "Strongly Agree," "Agree," "Disagree," or "Strongly Disagree" following questions: 1. This course, along with your other educational experiences at ERAU, allowed me to master the skill of preparing effective written documents for both technical and non-technical audiences. 2. This course, along with your other educational experiences at ERAU, allowed me to master the skill of communicating ideas in non-written form, such as oral presentations and visual media? In addition, students will be asked to comment on ways the course could be improved to better the attainment of the Learning Outcomes identified.
80% of students either "Strongly Agree" or "Agree" to each of the two questions posed. Student comments will be used to improve the course content regardless of the positive response rate.
With an average positive response rate of 90%, the program has exceeded its goal of 80%. Notably, a small but still significant number students are not comfortable with communicating in written form. This could be due to the high number of foreign national students in the course as well as the

Measurement Three

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior design project	No
Exam in non-culminating course(s)	No
Rubric-scored artifact in non-culminating course(s)	No
End of course evaluations	s No
Focus group/structured interviews (students, faculty)	No
ERAU Student Satisfaction Survey	No
ERAU Graduating Studen Survey	t No
ERAU Alumni Survey	No
ERAU Employer Feedback Survey	No
National Survey of Studer Engagement (NSSE)	tNo
Incoming Freshmen Survey (CIRP)	No
Other national survey	No
External or internal peer review	No
Retention / graduation rates	No
Employment placement / continuing education rates	No
Other (Please specify	No

below)

ation nat apply below, then describe)	
nat apply below, then describe)	
nanner, the program will evaluate the possibilities reports in other courses. This will give students n eir level of confidence.	
	Туре
DRAL [2012-13] ASMEAS MEAS1 DET.pdf	Attachment
d Assessment.docx	Attachment
	reports in other courses. This will give students n r level of confidence. RAL [2012-13] ASMEAS MEAS1 DET.pdf

Mission-Critical Budget Request

Assessment Outcome Title Outcome Title Oral Communication

Mission-Critical Budget Request Title of Budget Request

Details of Budget Request	
Are capital funds No required?	
Total Amount of Operating Funds Requested	
Salaries: \$	
Duration:	
Benefits: \$	
Duration:	
Professional Development: \$	
Duration:	
Computer Hardware: \$	
Duration:	
Computer Software: \$	
Duration:	
Other Operating Funds: \$	
Duration:	
	 Back to top

☆ Scientific Inquiry

Select Outcome to Assess from Master List of Outcomes

Instructions: Below, click the "BROWSE" button to:

1. (REQUIRED) Select an outcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program Outcomes" -> "GO" button).

2. (OPTIONAL) Align outcome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("BROWSE" -> "Standards" -> "GO" button).

* Select Outcome from Master List of Outcomes

* Assessment Outcome Scientific Inquiry Title

Assessment Measures, Criteria for Success and Results

-		
	Measurement One	
	Outcome Title	Scientific Inquiry
	✤ Means of Assessmen	tExam in non-culminating course(s)
	Description of 'Other' Means of Assessment	
	Details of Assessment Measurement (Timefram of Data Collection, Participants/Roles, etc.)	See attachment: <u>DB_GENED SCI [2012-13] ASMEAS MEAS1 DET.pdf</u> The PS250 Physics for Engineers III course monitor and other instructors prepared an end-of-course exam, covering fundamental topics of introductory level electricity & magnetism and selected topics from modern physics. Each instructor submitted several multiple choice questions, and the questions for the final version of the final exam were put together in the meeting consisting of all the course instructors. A subset of specific topics from the list of official PS 250 course objectives are
https://er	au.blackboard.com/webapps/c	:aliper/execute/ap/360view?clp_ap_id=_8304_1

chosen.

* Criterion for Success The criterion of success for this assessment is that at least 65% of PS250 students would be able to answer selected test items correctly.

Assessment Results / Data Collected The criterion of success for this assessment was that at least 65% of PS250 students would be able to answer selected test items correctly. As 74% and 71.5% of the students answered questions 13 and 20 correctly, respectively, the criterion for success was exceeded.

Measurement Two

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Three

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior No design project

Exam in non-culminating No course(s)

Rubric-scored artifact in No non-culminating course(s)

End of course evaluations No

Focus group/structured interviews (students, faculty)	No
ERAU Student Satisfaction Survey	No
ERAU Graduating Studer Survey	ntNo
ERAU Alumni Survey	No
ERAU Employer Feedback Survey	No
National Survey of Studer Engagement (NSSE)	ntNo
Incoming Freshmen Survey (CIRP)	No
Other national survey	No
External or internal peer review	No
Retention / graduation rates	No
Employment placement / continuing education rates	No
Other (Please specify below)	No
Description of 'Other' Means of Assessment	
Details of Assessment Measurement	
Criterion / Criteria for Success	
Assessment Results / Data Collected	

Improvements

Assessment Outcor	ne Title
Outcome Title	Scientific Inquiry
Use of Assessment	Results
Have assessment result	s No
been used to make improvements?	
improvements :	
Pedagogical	No
modifications were made	2
Course sequence was	No
altered	
Technology-related	No
changes were made	
	No
Personnel-related	No

changes were made	Improvement Project 360° View	
Other	No	
Description of Improvements	Students exceeded the expected outcome.	
Attach File(s) (optional)	Attachments	Туре
	DB_GENED SCI [2012-13] ASMEAS MEAS1 DET.pdf	Attachment
	11_Gen_Ed_assesment_PS250_Nykyri_v2.pdf	Attachment
Planned Future Imp ndicate and describe any p he next tab, "Mission Critic	planned improvements. If new funds are required for planned improven	nents, you will also need to comple
Do assessment results indicate any critical improvements that must be made in the next fisca year?		
Description of Planned Improvements		
lission-Critical Budget Re	equest	
Assessment Outcom	ne Title	
Outcome Title	Scientific Inquiry	
Mission-Critical Bud	dget Request	
Mission-Critical Bud Title of Budget Request Details of Budget Request		
Title of Budget Request		
Title of Budget Request Details of Budget Reques Are capital funds	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration:	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$ Duration: Professional	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$ Duration: Professional Development: \$	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$ Duration: Professional Development: \$ Duration:	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$ Duration: Professional Development: \$ Duration: Computer Hardware: \$	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$ Duration: Professional Development: \$ Duration: Computer Hardware: \$ Duration:	st	
Title of Budget Request Details of Budget Request Are capital funds required? Total Amount of Operating Funds Requested Salaries: \$ Duration: Benefits: \$ Duration: Professional Development: \$ Duration: Computer Hardware: \$ Duration:	st No	

	Assess from Master List of Outcomes
	the "BROWSE" button to: ttcome to assess from Master List of Program Outcomes ("BROWSE" -> "Master List of Program Outcomes"
e. (OPTIONAL) Align outco Standards" -> "GO" butto	ome with any other applicable standards such as AABI, ABET, General Education Outcomes: ("BROWSE" -> n).
★ Select Outcome from Master List of Outcomes	
★ Assessment Outcom Title	e Written Documents
ssessment Measures, C	riteria for Success and Results
Measurement One	
Outcome Title	Written Documents
★ Means of Assessmer	t Capstone course / senior design project
Description of 'Other' Means of Assessment	
Details of Assessment Measurement (Timefram of Data Collection, Participants/Roles, etc.)	CIV Senior Design Project In the case of CIV 460, the instructor and guests (usually faculty, students, and interested community members) attending the CDR presentations will be asked to complete a short questionnaire at the completion of the review. The questionnaire will ask the observer to rate the following as either: Excellent / Very Good / Good / Fair / Poor based on the design team's oral and written presentation: 1. Overall, how would you rate the professionalism and confidence of the design team? 2. How was the quality of the overheads and visual presentation items? 3. How well did the students know the information presented? 4. How was the presentation team's interaction with the audience? 5. How adequate was the written report submitted prior to the presentation?
✤ Criterion for Success	The criterion for success in the accomplishment of the Leaning Outcomes identified will be an 80% response rate as either "Excellent" or "Very Good" for each of the questions above.
Assessment Results / Data Collected	Analysis: With a 36.5 score, the assessment of the Learning Outcomes was deemed adequate having reached the 30.0 target. There were individuals on the team who did not demonstrate mastery of some aspects of oral presentation, however it was felt that this was indicative a personality trait more than a lack of educational preparation. The civil engineering program will continue to require that all students develop and practice communication skills, thus ensuring that even those students not naturally gifted in oral presentation abilities will be afforded a chance to practice those important skills.
Measurement Two Means of Assessment	Capstone course / senior design project
Description of 'Other' Means of Assessment	
Details of Assessment Measurement	
Criterion for Success	
Assessment Results / Data Collected	

Description of 'Other' Means of Assessment

Details of Assessment Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Four

Means of Assessment

Description of 'Other' Means of Assessment

Details of Assessmen Measurement

Criterion for Success

Assessment Results / Data Collected

Measurement Five and Up

For Outcomes with more than four measurements, select means of assessment for measures five and up from the list below (check all that apply). Then list the details for measurements 5 and up in the areas below. Please number them appropriately in each text area, starting with number 5.

Capstone course / senior design project	No
Exam in non-culminating course(s)	No
Rubric-scored artifact in non-culminating course(s)	No
End of course evaluations	No
Focus group/structured interviews (students, faculty)	No
ERAU Student Satisfaction Survey	No
ERAU Graduating Student Survey	No
ERAU Alumni Survey	No
ERAU Employer Feedback Survey	No
National Survey of Studen Engagement (NSSE)	tNo
Incoming Freshmen Survey (CIRP)	No
Other national survey	No
External or internal peer review	No

Retention / graduation No

Employment placement / No No Other (Please specify below) No Description of Other / Means of Assessment	rates		
below) Description of Other' Means of Assessment Details of Assessment Courses Assessment Results / Seassment Results / Seassm	continuing education	Νο	
Means of Assessment Petails of Assessment Measurement Criterion / Criteria for success Success Assessment Results / Data Collected Assessment Results / Data Collected Vertile Nocuments Assessment Outcome Title Written Documents Outcome Title Written Documents Pedagogical means No Course sequence was altered No Personnel-related changes were made No Other No Description of Improvements No Attach File(s) (optional) Attachments Match File(s) (optional) Attachments		Νο	
Measurement Oriterion / Criteria for Success Assessment Results / Data Collected Assessment Results / Data Collected mprovements Assessment Outcoments Mitten Documents Uscone Title Outcome Title Written Documents Basessment results been used to make improvements? No Pedagogical modifications were made No Course sequence was altered No Technology-related changes were made No Other No Description of Improvements No Attach File(s) (optional) <u>Attachments</u> Match File(s) (optional) <u>Attachments</u>	Description of 'Other' Means of Assessment		
Success Assessment Results / Data Collected provements Assessment Outcome Title Outcome Title Written Documents Use of Assessment results / Success Per of Assessment results / Success Pedagogical monotes No Course sequence was altered Oher No Personnel-related changes were made Other No Description of Improvements Attach File(s) (optional Lected Lecte			
Data Collected Assessment Outcome Title Written Documents Use of Assessment results Veritten Documents Have assessment results See Samper Samp			
Assessment Outcome Title Written Documents Outcome Title Written Documents Use of Assessment results Have assessment results Have assessment results been used to make improvements? Pedagogical modifications were made No Course sequence was altered No Technology-related changes were made No Personnel-related changes were made No Other No Other No Attach File(s) (optional) Attachments Matchment Type DB_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf Attachment			
Outcome Title Written Documents Use of Assessment results Have assessment results Have assessment results Have assessment results No Pedagogical mode No Course sequence was altered No Technology-related changes were made No Personnel-related changes were made No Other No Other No Description of more ments Internets Attach File(s) (optione) Attachments De_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf Attachment	nprovements		
Use of Assessment results Have assessment results Pedagogical monodifications were made Course sequence was latered No Course sequence was latered No Schoology-related changes were made No Personnel-related changes were made No Other No Description of mprovements No Attach File(s) (option) <u>Attachments</u> (Standard) De_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf Machment	Assessment Outcor	ne Title	
Have assessment results No Pedagogical modifications were mode No Course sequence was latered No Technology-related changes were mode No Personnel-related changes were mode No Other No Description of gnovements Katchments Attach File(s) (option) Attachments Image: Mathematical model were model and model mode	Outcome Title	Written Documents	
modifications were made No Course sequence was altered No Technology-related changes were made No Personnel-related changes were made No Other No Description of mprovements Xtachments Attach File(s) (optional) Attachments Mathematical Science WRIT [2012-13] ASMEAS MEAS2 DET.pdf Attachment	Have assessment result been used to make		
altered Technology-related changes were made No Personnel-related changes were made No Other No Personnel No			
changes were made No Personnel-related changes were made No Other No Description of improvements Vertice in the improvement		Νο	
changes were made No Other No Description of Improvements		Νο	
Description of Improvements Attachments Type Attach File(s) (optional) Attachments Attachments DB_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf Attachment		Νο	
Improvements Attachments Type DB_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf Attachment	Other	No	
DB_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf Attachment			
	Attach File(s) (optional)	Attachments	Туре
CIV 460 GenEd Assessment.docx Attachment		DB_GENED WRIT [2012-13] ASMEAS MEAS2 DET.pdf	Attachment
		CIV 460 GenEd Assessment.docx	Attachment

Planned Future Improvements

Indicate and describe any planned improvements. If new funds are required for planned improvements, you will also need to complete the next tab, "Mission Critical Budget Request".

Do assessment results No indicate any critical improvements that must be made in the next fiscal year?

Description of Plannec Improvements

Mission-Critical Budget Request

Assessment Out	
Outcome Title	Written Documents
Mission-Critical Title of Budget Reque	
Details of Budget Re	quest
Are capital funds required?	No
Total Amount of Oper Funds Requested	ating
Salaries: \$	
Duration:	
Benefits: \$	
Duration:	
Professional Development: \$	
Duration:	
Computer Hardware:	\$
Duration:	
Computer Software: S	β
Duration:	
Other Operating Fund	ds:\$
Duration:	