

2017-2018 Assessment Cycle (College of Engineering) ENGR_Civil Engineering BS

Mission

Welcome to the "Mission" tab. First, review the University's Mission, Values, and Vision statements provided below. Then, in the section labeled "Department / Program Mission", type in the current mission for your department, program, or unit. Click "Save" when you are finished.

University Mission

The University of Louisiana at Lafayette offers an exceptional education informed by diverse worldviews grounded in tradition, heritage, and culture. We develop leaders and innovators who advance knowledge, cultivate aesthetic sensibility, and improve the human condition.

University Values

We strive to create a community of leaders and innovators in an environment that fosters a desire to advance and disseminate knowledge. We support the mission of the university by actualizing our core values of equity, integrity, intellectual curiosity, creativity, tradition, transparency, respect, collaboration, pluralism, and sustainability.

University Vision

We strive to be included in the top 25% of our peer institutions by 2020, improving our national and international status and recognition.

Program Mission

Program Mission

If applicable, provide the program's mission in the space provided. If none exists, write "None Available in 2016-2017".

The mission of the Civil Engineering Department is to provide for a contemporary civil engineering education for the students, and is in keeping with the mission for all students as defined by the University. It provides a broad based civil engineering curriculum in structures, geotechnical, water resources, environmental, and transportation engineering, including a program designed to utilize learned technical skills, accompanied by communicative skills, teamwork and leadership qualities. This mission envisions graduates employable by local, national, and international firms and with a sound educational foundation for those who pursue advanced degrees.

In addition, the Department's Mission is designed to assist industries and government agencies through the application of civil engineering knowledge and an understanding of infrastructure needs and problems; developing required research programs with measurable results for implementation and with the expectation of improving the quality of life and economic well-being of this area.

The Civil Engineering undergraduate program is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

Goals (University/Program tied to Curriculum)

Standards/Outcomes

Identifier	Description
ABET-EAC.1.3	CRITERION: Program Outcomes and Assessment Although institutions may use different terminology, for purposes of Criterion 3, program outcomes are intended to be statements that describe what students are expected to know or be able to do by the time of graduation from the program.
ABET-EAC.1.3.1	> an ability to apply knowledge of mathematics, science, and engineering
ABET-EAC.1.3.10	> a knowledge of contemporary issues
ABET-EAC.1.3.11	> an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
ABET-EAC.1.3.12	Each program must have an assessment process with documented results. Evidence must be given that the results are applied to the further development and improvement of the program. The assessment process must demonstrate that the outcomes of the program, including those listed above, are being measured.
ABET-EAC.1.3.2	> an ability to design and conduct experiments, as well as to analyze and interpret data
ABET-EAC.1.3.3	> an ability to design a system, component, or process to meet desired needs
ABET-EAC.1.3.4	> an ability to function on multi-disciplinary teams
ABET-EAC.1.3.5	> an ability to identify, formulate, and solve engineering problems
ABET-EAC.1.3.6	> an understanding of professional and ethical responsibility
ABET-EAC.1.3.7	> an ability to communicate effectively
ABET-EAC.1.3.8	> the broad education necessary to understand the impact of engineering solutions in a global and societal context
ABET-EAC.1.3.9	> a recognition of the need for, and an ability to engage in life-long learning

Additional Standards/Outcomes

Identifier	Description
CIVE.BS1	An ability to explain key concepts and problem-solving processes used in management. (Level 2)
CIVE.BS2	An ability to explain key concepts and problem-solving processes used in business. (Level 2)
CIVE.BS3	An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)
CIVE.BS4	An ability to explain the role of the leader, leadership principles, and attitudes conducive to effective professional practice of civil engineering. (Level 2)

Curriculum Map**Assessment Findings for the Assessment Measure level for Civil Engineering BS(Imported)**

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.1 > an ability to apply knowledge of mathematics, science, and engineering				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	97.5% success		

Legend	A - Assessed
Course/Event	Student Outcomes Portfolio
Standard/Outcome	ABET-EAC.1.3.10 > a knowledge of contemporary issues
Assessment	

Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	95.8% success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.11 > an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	93.3 % success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.2 > an ability to design and conduct experiments, as well as to analyze and interpret data				
Assessment Measures	Assessment	Criterion	Summary	Attachments of the	Improvement

	Measure			Assessments	Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	92.5% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	93.3% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.4 > an ability to function on multi-disciplinary teams				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives

	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	90.8% achieved success		
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Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.5 > an ability to identify, formulate, and solve engineering problems				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	96.7% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	90.8% success		

	Met			
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Legend	A - Assessed			
Course/Event	Student Outcomes Portfolio			
Standard/Outcome	ABET-EAC.1.3.7 > an ability to communicate effectively			
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	90.8% achieved success	

Legend	A - Assessed			
Course/Event	Student Outcomes Portfolio			
Standard/Outcome	ABET-EAC.1.3.8 > the broad education necessary to understand the impact of engineering solutions in a global and societal context			
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met		

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Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	ABET-EAC.1.3.9 > a recognition of the need for, and an ability to engage in life-long learning				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	86.7% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	CIVE.BS1 An ability to explain key concepts and problem-solving processes used in management. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	86.7% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	CIVE.BS2 An ability to explain key concepts and problem-solving processes used in business. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	93.3% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	CIVE.BS3 An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	92.5% achieved success		

Legend	A - Assessed				
Course/Event	Student Outcomes Portfolio				
Standard/Outcome	CIVE.BS4 An ability to explain the role of the leader, leadership principles, and attitudes conducive to effective professional practice of civil engineering. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Portfolio	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet? Met	94.2% achieved success		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.10 > a knowledge of contemporary issues				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
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Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.11 > an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.2 > an ability to design and conduct experiments, as well as to analyze and interpret data				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				

Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.4 > an ability to function on multi-disciplinary teams				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures					

	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.7 > an ability to communicate effectively				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Presentation	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.8 > the broad education necessary to understand the impact of engineering solutions in a global and societal context				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives

	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		
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Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	ABET-EAC.1.3.9 > a recognition of the need for, and an ability to engage in life-long learning				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	CIVE.BS1 An ability to explain key concepts and problem-solving processes used in management. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

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Legend	A - Assessed				
Course/Event	Capstone Experience				
Standard/Outcome	CIVE.BS3 An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Written Assignment	Has the criterion 80% of the students will achieve a score of 3.5 or higher on a 5 point scale using a standard rubric. been met yet?	Capstone course assessment not submitted		

Legend	A - Assessed				
Course/Event	FE Exam				
Standard/Outcome	ABET-EAC.1.3.1 > an ability to apply knowledge of mathematics, science, and engineering				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Standardized Test	Has the criterion Civil Engineering graduates who take the FE exam will meet or exceed the national pass-rate for	Mathematics - Institutional/Comparator = 9.0/9.8 Statistics - Institutional/Comparator =9.4/9.6 statics - Institutional/Comparator = 8.8/9.4 Dynamics - Institutional/Comparator =		- Assessment Process: Continuous monitoring: Performance varies from year to year. With the exception of the fluid mechanics, the performance

		<p>the NCEES Fundamentals in Engineering (FE) Exam. been met yet? Not met</p>	<p>8.3/10.0 Mechanics of Materials - Institutional/Comparator = 9.0/9.1 Fluid Mechanics - Institutional/Comparator = 9.0/9.1</p>		<p>of those taking the FE in this cycle did not succeed in achieving the "comparator" performance. However, a 100% pass rate was achieved for the students taking the FE Exam. The performance over a number of years provides better direction. Thus, this FE Exam outcome performance will be further monitored. In the past, students have done well, however, most, if not all students to the mechanics courses with one instructor that emphasized repetition in the solution of problems. Currently there are several instructors with various approaches to teaching these subjects.</p>
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Legend	A - Assessed				
Course/Event	FE Exam				
Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Standardized Test	Has the criterion Civil Engineering graduates who take the FE exam will meet or exceed the national pass-rate for the	Hydraulics & Hydrology - Institutional/Comparator = 8.9/9.4 Structural Design - Institutional/Comparator = 9.3/8.8 Geotechnical Engineering - Institutional/Comparator = 10.4/9.1		- Assessment Process: Continuous monitoring: The FE Exam must be review over several testing cycles to identify

		NCEES Fundamentals in Engineering (FE) Exam. been met yet? Met	Transportation Engineering - Institutional/Comparator = 9.6/9.2 Environmental Engineering - Institutional/Comparator = 8.0/9.1		definitive problems. Although 100% of the examinees - Assessment Process: Continuous monitoring:
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Legend	A - Assessed				
Course/Event	FE Exam				
Standard/Outcome	ABET-EAC.1.3.5 > an ability to identify, formulate, and solve engineering problems				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Direct - Standardized Test	Has the criterion Civil Engineering graduates who take the FE exam will meet or exceed the national pass-rate for the NCEES Fundamentals in Engineering (FE) Exam. been met yet? Met	100% of those taking the exam (6) passed.		

Legend	A - Assessed				
Course/Event	FE Exam				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives

	Direct - Standardized Test	Has the criterion Civil Engineering graduates who take the FE exam will meet or exceed the national pass-rate for the NCEES Fundamentals in Engineering (FE) Exam. been met yet? Met	ETHICS - Institutional/Comparator = 11.2/9.9		
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Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.10 > a knowledge of contemporary issues				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.11 > an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
Assessment Measures					

	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.2 > an ability to design and conduct experiments, as well as to analyze and interpret data				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				

Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.4 > an ability to function on multi-disciplinary teams				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.5 > an ability to identify, formulate, and solve engineering problems				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.7 > an ability to communicate effectively				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.8 > the broad education necessary to understand the impact of engineering solutions in a global and societal context				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

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Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	ABET-EAC.1.3.9 > a recognition of the need for, and an ability to engage in life-long learning				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	CIVE.BS1 An ability to explain key concepts and problem-solving processes used in management. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course		

		or higher on a 5 point scale. been met yet?	reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		
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Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	CIVE.BS2 An ability to explain key concepts and problem-solving processes used in business. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	CIVE.BS3 An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives

	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		
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Legend	A - Assessed				
Course/Event	Student Course Survey				
Standard/Outcome	CIVE.BS4 An ability to explain the role of the leader, leadership principles, and attitudes conducive to effective professional practice of civil engineering. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - students	Has the criterion 80% of the students will rate their own achievement at a level of 3.5 or higher on a 5 point scale. been met yet?	Department analysis of course-outcomes are incomplete within the time frame required for input. The submission of faculty's course reviews and the required department review of all course outcomes is difficult to achieve within the annual submission dates.		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.1 > an ability to apply knowledge of mathematics, science, and engineering				
Assessment					

Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.3/5.0 rated achievement		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.10 > a knowledge of contemporary issues				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	3.7/5.0 achievement		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.11 > an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
Assessment Measures	Assessment	Criterion	Summary	Attachments of the	Improvement

	Measure			Assessments	Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met			

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.2 > an ability to design and conduct experiments, as well as to analyze and interpret data				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet?	4.2/5.0 achievement rate		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives

	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.2/5.0 achievement rated		
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Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.4 > an ability to function on multi-disciplinary teams				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.3 achievement rated		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.5 > an ability to identify, formulate, and solve engineering problems				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet?	4.3/5.0 achievement rated		

	Met			
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Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.3/5.0 achievement rated		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.7 > an ability to communicate effectively				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.0/5.0 rated as achieved		

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Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.8 > the broad education necessary to understand the impact of engineering solutions in a global and societal context				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	3.7/5.0 noted as achieved		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	ABET-EAC.1.3.9 > a recognition of the need for, and an ability to engage in life-long learning				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.5/5.0 rated as achieved		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	CIVE.BS1 An ability to explain key concepts and problem-solving processes used in management. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	3.8/5.0 rated as achieved		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	CIVE.BS2 An ability to explain key concepts and problem-solving processes used in business. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Not met	3.3/5.0 below 3.5/5.0		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	CIVE.BS3 An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Not met	3.3/5.0 not meeting 3.5/5.0		

Legend	A - Assessed				
Course/Event	Exit Interview				
Standard/Outcome	CIVE.BS4 An ability to explain the role of the leader, leadership principles, and attitudes conducive to effective professional practice of civil engineering. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Exit Interviews	Has the criterion 80% of the students will rate their own achievement at graduation at a level of 3.5 or higher on a 5 point scale. been met yet? Met	4.0/5.0 rated as achieved		

Legend	A - Assessed				
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Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.1 > an ability to apply knowledge of mathematics, science, and engineering				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.10 > a knowledge of contemporary issues				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.11 > an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				

Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.2 > an ability to design and conduct experiments, as well as to analyze and interpret data				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				
Assessment Measures					

	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed														
Course/Event	Employer Survey														
Standard/Outcome	ABET-EAC.1.3.4 > an ability to function on multi-disciplinary teams														
Assessment Measures	<table border="1"> <thead> <tr> <th data-bbox="344 846 590 919">Assessment Measure</th> <th data-bbox="590 846 1272 919">Criterion</th> <th data-bbox="1272 846 1499 919">Summary</th> <th data-bbox="1499 846 1768 919">Attachments of the Assessments</th> <th data-bbox="1768 846 2003 919">Improvement Narratives</th> </tr> </thead> <tbody> <tr> <td data-bbox="344 919 590 1049">Indirect - Survey - employer</td> <td data-bbox="590 919 1272 1049">Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?</td> <td data-bbox="1272 919 1499 1049">Employers survey not conducted</td> <td data-bbox="1499 919 1768 1049"></td> <td data-bbox="1768 919 2003 1049"></td> </tr> </tbody> </table>					Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		
Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives											
Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted													

Legend	A - Assessed														
Course/Event	Employer Survey														
Standard/Outcome	ABET-EAC.1.3.5 > an ability to identify, formulate, and solve engineering problems														
Assessment Measures	<table border="1"> <thead> <tr> <th data-bbox="344 1421 590 1481">Assessment Measure</th> <th data-bbox="590 1421 1272 1481">Criterion</th> <th data-bbox="1272 1421 1499 1481">Summary</th> <th data-bbox="1499 1421 1768 1481">Attachments of the Assessments</th> <th data-bbox="1768 1421 2003 1481">Improvement Narratives</th> </tr> </thead> <tbody> <tr> <td data-bbox="344 1421 590 1481"></td> <td data-bbox="590 1421 1272 1481"></td> <td data-bbox="1272 1421 1499 1481"></td> <td data-bbox="1499 1421 1768 1481"></td> <td data-bbox="1768 1421 2003 1481"></td> </tr> </tbody> </table>					Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives					
Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives											

	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		
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Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.7 > an ability to communicate effectively				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

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Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.8 > the broad education necessary to understand the impact of engineering solutions in a global and societal context				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	ABET-EAC.1.3.9 > a recognition of the need for, and an ability to engage in life-long learning				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

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Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	CIVE.BS1 An ability to explain key concepts and problem-solving processes used in management. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	CIVE.BS2 An ability to explain key concepts and problem-solving processes used in business. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	CIVE.BS3 An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Employer Survey				
Standard/Outcome	CIVE.BS4 An ability to explain the role of the leader, leadership principles, and attitudes conducive to effective professional practice of civil engineering. (Level 2)				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - employer	Has the criterion The employers surveyed will rate the achievement of 80 %the graduates they have hired at a level of 3.5 or higher on a 5 point scale. been met yet?	Employers survey not conducted		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.1 > an ability to apply knowledge of mathematics, science, and engineering				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.10 > a knowledge of contemporary issues				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.11 > an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.2 > an ability to design and conduct experiments, as well as to analyze and interpret data				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				

Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.4 > an ability to function on multi-disciplinary teams				
Assessment Measures					
	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.5 > an ability to identify, formulate, and solve engineering problems				
Assessment					

Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.6 > an understanding of professional and ethical responsibility				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.7 > an ability to communicate effectively				
Assessment Measures	Assessment	Criterion	Summary	Attachments of the	Improvement

	Measure			Assessments	Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.8 > the broad education necessary to understand the impact of engineering solutions in a global and societal context				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	ABET-EAC.1.3.9 > a recognition of the need for, and an ability to engage in life-long learning				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives

	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		
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Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	CIVE.BS1 An ability to explain key concepts and problem-solving processes used in management. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	CIVE.BS2 An ability to explain key concepts and problem-solving processes used in business. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

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Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	CIVE.BS3 An ability to explain key concepts and problem-solving processes used in public policy, and public administration. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

Legend	A - Assessed				
Course/Event	Alumni Survey TEST				
Standard/Outcome	CIVE.BS4 An ability to explain the role of the leader, leadership principles, and attitudes conducive to effective professional practice of civil engineering. (Level 2)				
Assessment Measures	Assessment Measure	Criterion	Summary	Attachments of the Assessments	Improvement Narratives
	Indirect - Survey - alumni	Has the criterion 80% of the alumni surveyed will rate their own ability at a level of 3.5 or higher on a 5 point scale. been met yet?	Alumni survey not conducted in this cycle		

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Summary of Improvement Narratives

Improvement Narrative List

Assessment Findings for the Assessment Measure level

Standard/Outcome	ABET-EAC.1.3.1 > an ability to apply knowledge of mathematics, science, and engineering	
Legend	A	
Course/Event	FE Exam	
Assessment Measure	Direct - Standardized Test	
Assessment Findings	Not met	
Improvement Narrative	Improvement Type	Summary
	Assessment Process: Continuous monitoring	Performance varies from year to year. With the exception of the fluid mechanics, the performance of those taking the FE in this cycle did not succeed in achieving the "comparator" performance. However, a 100% pass rate was achieved for the students taking the FE Exam. The performance over a number of years provides better direction. Thus, this FE Exam outcome performance will be further monitored. In the past, students have done well, however, most, if not all students to the mechanics courses with one instructor that emphasized repetition in the solution of problems. Currently there are several instructors with various approaches to teaching these subjects.

Standard/Outcome	ABET-EAC.1.3.3 > an ability to design a system, component, or process to meet desired needs	
Legend	A	
Course/Event	FE Exam	

Assessment Measure	Direct - Standardized Test	
Assessment Findings	Met	
Improvement Narrative		
	Improvement Type	Summary
	Assessment Process: Continuous monitoring	The FE Exam must be review over several testing cycles to identify definitive problems. Although 100% of the examinees
	Assessment Process: Continuous monitoring	

Reflection

Reflection

The primary purpose of assessment is to use data to inform decisions and improve programs and operations; this is an on-going process of defining goals and expectations, collecting results, analyzing data, comparing current and past results and initiatives, and making decisions based on these reflections. Recalling this purpose, respond to the questions below.

1) How were assessment results shared in the unit?

Please select all that apply; if "other", please use the text box to elaborate.

Distributed via email (selected)

Presented formally at staff/department/committee meeting

Discussed informally

Other (explain in text box below)

2) How frequently were assessment results shared in the unit?

Frequently (>4 times per cycle)
 Periodically (2-4 times per cycle)
 Once per cycle (selected)
 Results were not shared this cycle

3) With whom were assessment results shared?

Please select all that apply.

Department Head (selected)
 Dean / Asst. or Assoc. Dean
 Departmental assessment committee (selected)
 Other faculty / staff (selected)
 Other (please explain in text box below)

4) Consider the impact of prior applied changes. Specifically, compare current results to previous results to evaluate the impact of a previously reported change. Demonstrate how the use of results improved student learning and/or operations.

There is some variation between the current and the previous, but not significant. There are on-going discussions regarding pre-requisites, etc and the curriculum design for semester loads and course sequence.

5) Over the past three assessment cycles, what has been the overall impact of "closing the loop"? Provide examples of improvements in student learning, program quality, or department operations that are directly linked to assessment data and follow-up analysis.

The perception of the faculty, in general, is that student performance has improved in the class. This attributed to improved advising and enforcement of prerequisites/. Also individual faculty have made modifications to instructional materials and presentation that seems to improve student performance.

Attachments (optional)

Upload any documents which support the assessment process.