Assessment Plan

Program Information	
Program:	Civil and Construction Engineering
College or Administrative Division:	College of Engineering
Subunit(s):	Architectural Engineering

How will you communicate program level student learning or student success-related outcomes to the students and the public?
To be determined (TBD)

Program Learning Outcomes, Benchmarks and Measures							
***Outcomes:* List your program level student learning (SLO) outcome(s) .**	(1) An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.	(2) An ability to apply the engineering design process to produce solutions that meet specified needs with consideration for public health and safety, and global, cultural, social, environmental, economic, and other factors as appropriate to the discipline.	(3) An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.	(4) An ability to communicate effectively with a range of audiences.	(5) An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.	(6) An ability to recognize the ongoing need to acquire new knowledge, to choose appropriate learning strategies, and to apply this knowledge.	(7) An ability to function effectively as a member or leader of a team that establishes goals, plans tasks, meets deadlines, and creates a collaborative and inclusive environment.
What year was this outcome developed or most recently changed?	2017	2017	2017	2017	2017	2017	2017
What year will you be reporting on this outcome?	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Assessment Method: List the measures/methods /instruments used to assess the outcome. How do students demonstrate their attainment of this outcome and how is their learning evaluated?	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)	Course Summaries (D), Junior Seminar Survey (I) Surveys of Seniors (I), FE Exam (D)
Assessment Method: Are the measure(s)/methods/instruments direct (D) or indirect (I)?	See above	See above	See above	See above	See above	See above	See above
Assessment Method: What benchmarks or indicators of success are you using to determine if the outcome has been satisfactorily met by the students?	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam	Course Summary: > 70% passing; > 4.0 on surveys; > 60% and OSU/national > 1.1 on FE exam

Process	
How will your unit reflect on the data you are reporting and who was involved? How are the results of your assessment efforts related to strategic planning and overall program review?	*(Example for Civil Engineering provided here.)* In 2014, the ABET review was conducted for Civil Engineering. A continuing evaluation of assessments is performed by Assistant School Head for CE and reviewed by CCE curriculum committee and Industrial Advisory Board as needed. Strategic planning and overall program review are performed by the School Head, with knowledge of the ABET process and ongoing improvement efforts. The ABET visit was successful with just one weakness identified, with follow-up action described above.
What data are you archiving? Where and how? How long do you expect to archive the data?	Archived in CCE Office Drive: ABET self-study reports and basic data from courses, surveys, FE exam, etc.