

Assessment: Assessment Plan

Degree Program - ENG - Civil Engineering (BSCE)

CIP Code: 14.0801.00

Disciplinary Accrediting Body: ABET

Next Accrediting Agency Review: 16-17

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Program Purpose Statement: The mission of the department has three elements:

To provide excellent instructions and design experiences essential for graduates to enter the practice of civil engineering and pursue lifelong professional development.

To provide research opportunities for students that generate, communicate, and apply new knowledge for the betterment of society.

To foster a spirit of service and leadership among students and faculty and assist the public in addressing issues concerning using our resources, protecting our environment and developing our infrastructure.

Modality: Face-to-Face

Student Learning Outcome: ABET Criterion 3.1

An ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 3305, CE 4330 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey

Student Learning Outcome: ABET Criterion 3.2

An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 3341, CE 4330 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

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Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey

Student Learning Outcome: ABET Criterion 3.3

An ability to communicate effectively with a range of audiences.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 3309, CE 4330 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey

Student Learning Outcome: ABET Criterion 3.4

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.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 1130, CE 4200 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey

Student Learning Outcome: ABET Criterion 3.5

An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 3354, CE 4330 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

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Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey

Student Learning Outcome: ABET Criterion 3.6

An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 2201, CE 3105 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey

Student Learning Outcome: ABET Criterion 3.7

An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Outcome Status: Active

Outcome Type: Student Learning

Start Date: 08/23/2018

Assessment Methods

Course Level Assessment - CE 3354, CE 3372 (Active)

Criterion: 4.0 or higher class attainment on 1-5 scale

Survey - Student - Senior Exit Survey (Active)

Criterion: 4.0 or higher on question querying this issue on exit survey