

Assessment: Assessment Plan

Degree Program - ENG - Construction Engineering (BS)

CIP Code: 14.3301.00

Disciplinary Accrediting Body: EAC of ABET

Next Accrediting Agency Review: 12-13

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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 - CONE 4100, CONE 4220, CONE 4310, CONE 4312, CONE 4320, CONE 4322, CE 2101 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 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 - CONE 4100, CONE 4220, CONE 4300, CONE 4310, CONE 4312, CONE 4320, CONE 4322 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 or higher on question querying this issue on exit survey

Degree Program - ENG - Construction Engineering (BS)

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 - CONE 4100, CONE 4220, CONE 4300, CONE 4320, CONE 4322, CE 3121 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 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 - CONE 4100, CONE 4220, CONE 4300, CONE 4312, CONE 4320, CONE 4322 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 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 - CONE 4100, CONE 4220, CONE 4300, CONE 4320, CONE 4322, CE 3121 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 or higher on question querying this issue on exit survey

Degree Program - ENG - Construction Engineering (BS)

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 - CONE 4100, CONE 4220, CONE 4300, CONE 4320, CONE 4322, CE 3121 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 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 - CONE 4100, CONE 4220, CONE 4300, CONE 4320, CONE 4322, CE 3121 (Active)

Criterion: 3.5 or higher for aggregated scores of class attainment across the listed courses

Survey - Student - Senior Exit Survey (Active)

Criterion: 3.5 or higher on question querying this issue on exit survey