
Construction and Architecture Course Assessment

Survey response 1

Response ID
27

Course Information

Course Prefix:
BCT
Course #:
386
Course Title:
Project Control
Delivery Format:
Both Online and F-to-F
Pre-Requisite:
AEC 258 – Construction Planning and Scheduling
Instructor:
Arlys Silva Payne
Semester:
Spring
Year:
2018
Academic Partner Name:
None
Academic Partner Title:
None
Academic Partner Contact Info:
None
Industry Partner Name:
None
Industry Partner Title:
None
Industry Partner Contact Info:
None
Course guest Speaker (1) - Name, Title, Company
N/A
Course Guest Speaker (1): Topic Covered
N/A

Course guest Speaker (2) - Name, Title, Company

N/A

Course Guest Speaker (2): Topic Covered

N/A

ACCE - SLO

1. ACCE SLO

14. Understand construction accounting and cost control.
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2. ACCE SLO

16. Understand construction project control processes.
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ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

CET-PC-AS-c. utilize measuring methods, hardware, and software that are appropriate for field, laboratory, and office processes related to construction;
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2. ETAC ABET AET (GC/PC):

CET-PC-BS-f. perform economic analyses and cost estimates related to design, construction, and maintenance of systems associated with construction engineering;

Student Enrollment

Number of Students Enrolled:

58

Number of CET students:

58

Number of AET Students:

0

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:
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Test

ACCE SLO (1) Assessment Instrument Used: [Other]
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ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

CET Hattiesburg Campus: 88% achieved 70% or higher, Avg 84%, High 99% Low 63%, SD = 7.86
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CET online separately: 95% achieved 70% or higher, Avg 89%, High 100%, Low 63%, SD = 7.75

If ACCE SLO (1) Target not met identify action plan to improve outcomes:
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N/A

ACCE SLO (2) Assessment Instrument Used:
Quiz

ACCE SLO (2) Assessment Instrument Used: [Other]

ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
CET Hattiesburg Campus: 94% achieved 70% or higher, Avg 84%, High 91% Low 68%, SD = 7.25
CET online separately: 93% achieved 70% or higher, Avg 86%, High 97 %, Low 44%, SD = 13.22

If ACCE SLO (2) Target not met identify action plan to improve outcomes:
N/A

ETAC-ABET (1) Assessment Instrument Used:
Quiz

ETAC-ABET (1) Assessment Instrument Used: [Other]

ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
CET Hattiesburg Campus: 94% achieved 70% or higher, Avg 84%, High 91% Low 68%, SD = 7.25
CET online separately: 93% achieved 70% or higher, Avg 86%, High 97 %, Low 44%, SD = 13.22

If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
N/A

ETAC-ABET (2) Assessment Instrument Used:
Assignment

ETAC-ABET (2) Assessment Instrument Used: [Other]

ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
CET Hattiesburg Campus: 100% achieved 70% or higher, Avg 85%, High 100% Low 74%, SD = 6.13
CET online separately: 92% achieved 70% or higher, Avg 88%, High 100%, Low 38%, SD = 10.24

If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
N/A

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
I believe increasing on-campus enrollment is a good goal

Employers are satisfied with Construction Engineering Technology interns performance.
N/A

Survey response 2

Response ID

28

Course Information

Course Prefix:

ACT

Course #:

322

Course Title:

Architectural History 2

Delivery Format:

Face-to-Face

Pre-Requisite:

None

Instructor:

Doris Kemp

Semester:

Spring

Year:

2018

Academic Partner Name:

None-1st time to teach course

Academic Partner Title:

N/A

Academic Partner Contact Info:

N/A

Industry Partner Name:

None- 1st time to teach course

Industry Partner Title:

N/A

Industry Partner Contact Info:

N/A

Course guest Speaker (1) - Name, Title, Company

USM Writing Center Gene 'O Gordon Coordinator, The Writing Center

Course Guest Speaker (1): Topic Covered

How to develop an outline and quality research paper
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Course guest Speaker (2) - Name, Title, Company

USM Speaking Center Steve Young, Speaking Center Co-Coordinator Karen Boger, Graduate Assistant

Course Guest Speaker (2): Topic Covered

How to develop an effective speech; methods to control speech anxiety

ACCE - SLO

1. ACCE SLO

N/A

2. ACCE SLO

N/A

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

GC-g. an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature;

2. ETAC ABET AET (GC/PC):

GC-g. an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature;

Student Enrollment

Number of Students Enrolled:

35

Number of CET students:

0

Number of AET Students:

30

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:
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N/A

ACCE SLO (1) Assessment Instrument Used: [Other]
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ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

N/A

If ACCE SLO (1) Target not met identify action plan to improve outcomes:
N/A
ACCE SLO (2) Assessment Instrument Used:
N/A
ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
N/A
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
N/A
ETAC-ABET (1) Assessment Instrument Used:
Assignment
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
Research Paper where students select an architect and structure and develop a 4 page minimum paper addressing criteria established by the course instructor. 86.7% (26/30) students achieved a 70 or better
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
Target met
ETAC-ABET (2) Assessment Instrument Used:
Assignment
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
Students select either an architect or structure from chapters 15-16 (20th Century and Modernism) and research, develop, and deliver a timed oral presentation to the class. 76.6% (23/30) students achieved a 70 or better.
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
Five (5) of seven (7) students counted in the group of students not achieving the 70 on the Final Presentation did not submit the assignment or present. This impacted the finding.

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
N/A
Employers are satisfied with Construction Engineering Technology interns performance.
N/A

Survey response 3

Response ID

31

Course Information

Course Prefix:

AEC

Course #:

380

Course Title:

Specifications & Contract Documents

Delivery Format:

Both Online and F-to-F

Pre-Requisite:

AEC 204

Instructor:

Doris Kemp

Semester:

Spring

Year:

2018

Academic Partner Name:

Paul Baggett, AGC, LEED-Green Associate, CDT, CCCA
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Academic Partner Title:

Lecturer, Engr. Mgt. & Tech. Dept., University of Tennessee at Chattanooga
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Academic Partner Contact Info:

Paul-Baggett@utc.edu

Industry Partner Name:

Tom Clarke

Industry Partner Title:

Certified Construction Specifier

Industry Partner Contact Info:

tclarke@mdot.ms.gov

Course guest Speaker (1) - Name, Title, Company

Tom Clarke, Certified Construction Specifier, Mississippi Department of Transportation
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Course Guest Speaker (1): Topic Covered

February 20, 2018- Why are specifications important to contractors & designers, legal issues with specifications, how to best prepare for taking the CDT (Construction Documents Technologist) exam

Course guest Speaker (2) - Name, Title, Company

Eric Gunn, Pre-Construction Manager, Brasfield and Gorrie James Meyers, Superintendent, Brasfield and Gorrie

Course Guest Speaker (2): Topic Covered

Overview of Brasfield & Gorrie, contract documents they use, sample projects

ACCE - SLO

1. ACCE SLO

7. Analyze construction documents for planning and management of construction processes.

2. ACCE SLO

12. Understand different methods of project delivery and the roles and responsibilities of all consistencies involved in the design and construction process.

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

CET-PC-AS-a. utilize techniques that are appropriate to administer and evaluate construction contracts, documents, and codes;

2. ETAC ABET AET (GC/PC):

N/A

Student Enrollment

Number of Students Enrolled:

90 - (20 on-campus in H001; 70 online in H002)

Number of CET students:

80- (15 on-campus in H001; 65 online in H002)

Number of AET Students:

10- (5 on-campus in H001; 5 online in H002)

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:

Test

ACCE SLO (1) Assessment Instrument Used: [Other]

ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

11/15 (73.3%) of on-campus BCT students scored 70 or higher

61/65 (93.8%) of online BCT students scored 70 or higher

4/5 (80%) of ACT on-campus students scored 70 or higher

4/5 (80%) of ACT online students scored 70 or higher

If ACCE SLO (1) Target not met identify action plan to improve outcomes:

The on-campus BCT students did not meet the 80% target (only 73.3%). The instructor will spend additional time in class to review the AIA A201 document to ensure students grasp the key content.

ACCE SLO (2) Assessment Instrument Used:
Quiz

ACCE SLO (2) Assessment Instrument Used: [Other]

ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
12/15 (80%) of on-campus BCT students scored 70 or higher
60/65 (92.3%) of online BCT students scored 70 or higher

2/5 (40%) of ACT on-campus students scored 70 or higher--NOTE: 3 students did not take the quiz
5/5 (100%) of ACT online students scored 70 or higher

If ACCE SLO (2) Target not met identify action plan to improve outcomes:
Target met for BCT on-campus and online students

ETAC-ABET (1) Assessment Instrument Used:
Test

ETAC-ABET (1) Assessment Instrument Used: [Other]

ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
11/15 (73.3%) of on-campus BCT students scored 70 or higher--Target not met
61/65 (93.8%) of online BCT students scored 70 or higher

4/5 (80%) of ACT on-campus students scored 70 or higher
4/5 (80%) of ACT online students scored 70 or higher

If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
The on-campus BCT students did not meet the 80% target (only 73.3%). The instructor will spend additional time in class to review the AIA A201 document to ensure students grasp the key content.

ETAC-ABET (2) Assessment Instrument Used:
N/A

ETAC-ABET (2) Assessment Instrument Used: [Other]

ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A

If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
N/A

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
N/A

Employers are satisfied with Construction Engineering Technology interns performance.
N/A

Survey response 4

Response ID

32

Course Information

Course Prefix:

AEC

Course #:

204

Course Title:

Materials and Methods of Construction

Delivery Format:

Both Online and F-to-F

Pre-Requisite:

None

Instructor:

Leffi Cewe-Malloy

Semester:

Spring

Year:

2018

Academic Partner Name:

John Hannon

Academic Partner Title:

Associate Professor

Academic Partner Contact Info:

School of Constructon + Design, USM

Industry Partner Name:

Anna Thames

Industry Partner Title:

Director of Education and Research

Industry Partner Contact Info:

Mississippi Forestry Association, athames@msforestry.net (601) 354-4936

Course guest Speaker (1) - Name, Title, Company

John Hannon USM, SoC+D

Course Guest Speaker (1): Topic Covered

Concrete Methods.

Course guest Speaker (2) - Name, Title, Company

Dr. Erich Connell USM SoC+D

Course Guest Speaker (2): Topic Covered

Load bearing CMU walls.
Loadbearing metal stud walls.

ACCE - SLO

1. ACCE SLO

8. Analyze methods, materials, and equipment used to construct projects.

2. ACCE SLO

18. Understand the basic principles of sustainable construction.

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

N/A

2. ETAC ABET AET (GC/PC):

N/A

Student Enrollment

Number of Students Enrolled:

133

Number of CET students:

103

Number of AET Students:

21

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:

Test

ACCE SLO (1) Assessment Instrument Used: [Other]

ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

Final exam was used for this SLO assessment.

Hattiesburg Campus students: 38 out of 44 students (86.4%) received a 70 or above on this test.

Online students: 83 out of 89 students (93.2%) received a 70 or above on this test

If ACCE SLO (1) Target not met identify action plan to improve outcomes:

Target was met.

ACCE SLO (2) Assessment Instrument Used:

Assignment

ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
A written paper was used for assessment of this SLO. Hattiesburg Campus students: 40 out of 44 students (90.9 %) received a 70 or above on this test. Online students: 77 out of 89 students (86.5%) received a 70 or above on this test
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
Target was met.
ETAC-ABET (1) Assessment Instrument Used:
N/A
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
N/A
ETAC-ABET (2) Assessment Instrument Used:
N/A
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
N/A

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
Yes..
Employers are satisfied with Construction Engineering Technology interns performance.
Yes..

Survey response 5

Response ID

33

Course Information

Course Prefix:

BCT

Course #:

400

Course Title:

Senior Project

Delivery Format:

Both Online and F-to-F

Pre-Requisite:

senior standing

Instructor:

Hannon

Semester:

Spring

Year:

2018

Academic Partner Name:

none

Academic Partner Title:

none

Academic Partner Contact Info:

none

Industry Partner Name:

none

Industry Partner Title:

none

Industry Partner Contact Info:

none

Course guest Speaker (1) - Name, Title, Company

N/A

Course Guest Speaker (1): Topic Covered

N/A

Course guest Speaker (2) - Name, Title, Company

N/A

Course Guest Speaker (2): Topic Covered

N/A

ACCE - SLO

1. ACCE SLO

1. Create written communications appropriate to the construction discipline.

2. ACCE SLO

2. Create oral presentations appropriate to the construction discipline.

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

GC-g. an ability to apply written, oral, and graphical communication in both technical and non-technical environments; and an ability to identify and use appropriate technical literature;

2. ETAC ABET AET (GC/PC):

CET-PC-AS-b. estimate costs, estimate quantities, and evaluate materials for construction projects;

Student Enrollment

Number of Students Enrolled:

48

Number of CET students:

48

Number of AET Students:

0

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:

Assignment

ACCE SLO (1) Assessment Instrument Used: [Other]

ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

On-Campus 58% (7/12)

Online 97% (35/36)

If ACCE SLO (1) Target not met identify action plan to improve outcomes:

Greater emphasis on Univ Writing Center

ACCE SLO (2) Assessment Instrument Used:

Assignment

ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
Campus 72% > 70% Online 94% > 70%
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
N/A
ETAC-ABET (1) Assessment Instrument Used:
Assignment
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
Campus 54%>70% Online 97% >70%
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
Greater emphasis on Univ Writing Center
ETAC-ABET (2) Assessment Instrument Used:
Project
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
Campus 25% > 70% Online 71% > 70%
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
Force prerequisites

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
?
Employers are satisfied with Construction Engineering Technology interns performance.
?

Survey response 6

Response ID

34

Course Information

Course Prefix:

BCT

Course #:

205

Course Title:

Surveying

Delivery Format:

Face-to-Face

Pre-Requisite:

MAT 103

Instructor:

Hannon

Semester:

Spring

Year:

2018

Academic Partner Name:

Matthew Reyes

Academic Partner Title:

Assistant Professor

Academic Partner Contact Info:

(405) 325-4926 mdreyes@ou.edu

Industry Partner Name:

Benjamin Crosby

Industry Partner Title:

Director of BIM/VDC

Industry Partner Contact Info:

601-383-8359

Course guest Speaker (1) - Name, Title, Company

N/A

Course Guest Speaker (1): Topic Covered

N/A

Course guest Speaker (2) - Name, Title, Company

N/A

Course Guest Speaker (2): Topic Covered

N/A

ACCE - SLO

1. ACCE SLO

11. Apply basic surveying techniques for construction.

2. ACCE SLO

N/A

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

N/A

2. ETAC ABET AET (GC/PC):

N/A

Student Enrollment

Number of Students Enrolled:

8

Number of CET students:

8

Number of AET Students:

0

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:

Other

ACCE SLO (1) Assessment Instrument Used: [Other]

NCCER Performance Verification

ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

CET 100% performed greater than 70%

If ACCE SLO (1) Target not met identify action plan to improve outcomes:

Target Met. Online students from the course will take the Performance Verification at a future date. (9 ea additional)

ACCE SLO (2) Assessment Instrument Used:

N/A

ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
N/A
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
N/A
ETAC-ABET (1) Assessment Instrument Used:
N/A
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
N/A
ETAC-ABET (2) Assessment Instrument Used:
N/A
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
N/A

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
OK
Employers are satisfied with Construction Engineering Technology interns performance.
OK

Survey response 7

Response ID

35

Course Information

Course Prefix:

AEC

Course #:

258

Course Title:

Construction Planning and Scheduling

Delivery Format:

Both Online and F-to-F

Pre-Requisite:

AEC 254 Estimating I

Instructor:

Fan Zhang

Semester:

Spring

Year:

2018

Academic Partner Name:

John Hannon

Academic Partner Title:

Associate Professor

Academic Partner Contact Info:

John.Hannon@usm.edu

Industry Partner Name:

NA

Industry Partner Title:

NA

Industry Partner Contact Info:

NA

Course guest Speaker (1) - Name, Title, Company

The recruit team from Brassfield & Gorrie

Course Guest Speaker (1): Topic Covered

Employment opportunities at Brassfield & Gorrie.
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Course guest Speaker (2) - Name, Title, Company

John Hannon, Associate Professor, USM

Course Guest Speaker (2): Topic Covered

Work Breakdown Structure; Schedule review.
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ACCE - SLO

1. ACCE SLO

5. Create construction project schedules.

2. ACCE SLO

9. Apply construction management skills as a member of a multi-disciplinary.
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ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

N/A

2. ETAC ABET AET (GC/PC):

N/A

Student Enrollment

Number of Students Enrolled:

119

Number of CET students:

105

Number of AET Students:

14

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:
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Project

ACCE SLO (1) Assessment Instrument Used: [Other]
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ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

CET Hattiesburg Campus: 25 students, 100% get 70% or higher;
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CET online: 80 students, 100% get 70% or higher;
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This assessment is the second part of the group project which is creating a schedule based on drawings and specifications of a fast food restaurant. Students from the same group get the same score on this part of the project.

If ACCE SLO (1) Target not met identify action plan to improve outcomes:
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Target is met.

ACCE SLO (2) Assessment Instrument Used:
Project
ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
CET Hattiesburg Campus: 25 students, 76% get 70% or higher; CET online: 80 students, 83% get 70% or higher; This assessment is the fourth part of the group project which is peer review on team member's participation. Students from the same group get different scores based on the review he/she gets.
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
The target is met for online but not for Hattiesburg Campus students. The communication among team members are conducted mainly through emails and group discussion online, so the on-campus students are not as active as online students. Putting on-campus students in the same group may improve the outcomes.
ETAC-ABET (1) Assessment Instrument Used:
N/A
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
N/A
ETAC-ABET (2) Assessment Instrument Used:
N/A
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
N/A
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
N/A

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
N/A
Employers are satisfied with Construction Engineering Technology interns performance.
N/A

Survey response 8

Response ID
36

Course Information

Course Prefix:
AEC

Course #:
344

Course Title:
Structural Design

Delivery Format:
Both Online and F-to-F

Pre-Requisite:
AEC 270

Instructor:
Firas Shalabi

Semester:
Spring

Year:
2018

Academic Partner Name:
Beth Hartmann

Academic Partner Title:
Senior Lecturer

Academic Partner Contact Info:
bhartmann@iastate.edu

Industry Partner Name:
Nick Mills

Industry Partner Title:
V.P of Operations

Industry Partner Contact Info:
nmills@woodwarddesignbuild.com

Course guest Speaker (1) - Name, Title, Company
DR. Barbara Jackson, Director Franklin L. Burns School of Real Estate and Construction Management

Course Guest Speaker (1): Topic Covered
Construction Management and Design Build

Course guest Speaker (2) - Name, Title, Company
NA

Course Guest Speaker (2): Topic Covered

NA

ACCE - SLO

1. ACCE SLO

19. Understand the basic principles of structural behavior.

2. ACCE SLO

19. Understand the basic principles of structural behavior.

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

GC-b. an ability to select and apply a knowledge of mathematics, science, engineering, and technology to engineering technology problems that require the application of principles and applied procedures or methodologies;

2. ETAC ABET AET (GC/PC):

CET-PC-BS-i. perform standard analysis and design in at least one sub-discipline related to construction engineering.

Student Enrollment

Number of Students Enrolled:

69

Number of CET students:

61

Number of AET Students:

8

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:

Test

ACCE SLO (1) Assessment Instrument Used: [Other]

ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

on Campus = 90% of the students achieved the target

online = 85.7% of the students achieved the target

If ACCE SLO (1) Target not met identify action plan to improve outcomes:

NA

ACCE SLO (2) Assessment Instrument Used:

N/A

ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
NA
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
NA
ETAC-ABET (1) Assessment Instrument Used:
Test
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
on Campus = 90% of the students achieved the target
#nline = 85.7% of the students achieved the target
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
NA
ETAC-ABET (2) Assessment Instrument Used:
Test
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
on Campus = 90% of the students achieved the target
#nline = 85.7% of the students achieved the target
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
N/A

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
I agree
Employers are satisfied with Construction Engineering Technology interns performance.
I agree

Survey response 9

Response ID

38

Course Information

Course Prefix:

AEC

Course #:

300

Course Title:

Seminar

Delivery Format:

Both Online and F-to-F

Pre-Requisite:

None

Instructor:

Jessica Lee

Semester:

Spring

Year:

2018

Academic Partner Name:

Barbara Jackson

Academic Partner Title:

Director, Burns School of Real Estate and Construction Management

Academic Partner Contact Info:

303.720.7886

Industry Partner Name:

Nick Mills

Industry Partner Title:

VICE PRESIDENT, BUSINESS UNIT MANAGER

Industry Partner Contact Info:

504.822.6443

Course guest Speaker (1) - Name, Title, Company

Barbara Jackson

Course Guest Speaker (1): Topic Covered

Trends in Design-Build

Course guest Speaker (2) - Name, Title, Company

NA

Course Guest Speaker (2): Topic Covered

NA

ACCE - SLO

1. ACCE SLO

12. Understand different methods of project delivery and the roles and responsibilities of all consistencies involved in the design and construction process.

2. ACCE SLO

18. Understand the basic principles of sustainable construction.

ETAC ABET (GC)

1. ETAC ABET AET (GC/PC):

N/A

2. ETAC ABET AET (GC/PC):

N/A

Student Enrollment

Number of Students Enrolled:

F2F 34, OL 77

Number of CET students:

F2F 24, OL 66

Number of AET Students:

F2F 9, OL 3

Data Collection

Target: 80% of students achieve a 70% or higher on the assessment

ACCE SLO (1) Assessment Instrument Used:

Assignment

ACCE SLO (1) Assessment Instrument Used: [Other]

ACCE SLO (1) Findings (please report CET Hattiesburg Campus, and CET online separately)

F2F (ACT) 89% of students achieved a 70% or higher, n=9 / 1

OL (ACT) 100% of students achieved a 70% or higher, n=3 / 0

F2F (BCT) 92% of students achieved a 70% or higher, n=24 / 2

OL (BCT) 92% of students achieved a 70% or higher, n=61 / 5

If ACCE SLO (1) Target not met identify action plan to improve outcomes:

NA

ACCE SLO (2) Assessment Instrument Used:
Test
ACCE SLO (2) Assessment Instrument Used: [Other]
ACCE SLO (2) Findings (please report CET Hattiesburg Campus, and CET online separately)
F2F (ACT) 89% of students achieved a 70% or higher, n=9 / 1 OL (ACT) 100% of students achieved a 70% or higher, n=3 / 0 F2F (BCT) 92% of students achieved a 70% or higher, n=24 / 2 OL (BCT) 95% of students achieved a 70% or higher, n=61 / 3
If ACCE SLO (2) Target not met identify action plan to improve outcomes:
NA
ETAC-ABET (1) Assessment Instrument Used:
N/A
ETAC-ABET (1) Assessment Instrument Used: [Other]
ETAC-ABET (1) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
NA
If ETAC-ABET (1) Target not met identify action plan to improve outcomes:
NA
ETAC-ABET (2) Assessment Instrument Used:
N/A
ETAC-ABET (2) Assessment Instrument Used: [Other]
ETAC-ABET (2) Findings (please report AET/CET Hattiesburg Campus, and AET/CET online separately)
NA
If ETAC-ABET (2) Target not met identify action plan to improve outcomes:
NA

Program Objectives

Increase Hattiesburg On-campus enrollment in Construction Engineering Technology program.
NA
Employers are satisfied with Construction Engineering Technology interns performance.
NA