

Report : Assessment Cycle Details for : Construction Management Program (BS)

Report Generated by Taskstream

Workspace : Academic Program Assessment Workspace

Assessment Plan: 2018-19 Assessment Cycle: Assessment Plan and Assessment Findings

Assessment Plan Template: Academic Program Assessment Plan Template

Report Generated : Monday, April 12, 2021

Measures and Findings

Construction Management Program (BS) Outcome Set

Outcome

1. Create written communications appropriate to the construction discipline.(W)

Mapped to:

- **General Education:** GE Outcome #1: Written Communication

Measure

AC Exam #1 Written Communications

PROGRAM LEVEL; DIRECT - EXAM

Details/Description:

AC Exam #1 Written Communications Results

Acceptable Target:

70% of students score 70% or better

Ideal Target:

80% of students score 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for AC Exam #1 Written Communications

Summary of Findings:

Students scored 78% and national average was 75%

Acceptable Target Achievement:


Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

 NY004-Learning-Outcomes-Report-April-2019.pdf (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All measures above target,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect 2019-
2020

Supporting Attachments:

Measure

CIVL 6212 Construction Safety Manual

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

CIVL 6212 Construction Safety Manual

Acceptable Target:

EGMU /EPAN= 1.5

Ideal Target:

EGMU /EPAN= 2.0

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 6212 Construction Safety Manual

Summary of Findings:

EGMU = 1.9

Acceptable Target Achievement:








Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

-  A grade (Word Document (Open XML))
-  A grading sheet (Adobe Acrobat Document)
-  CIVL 6212 FCAR S2019.pdf (Adobe Acrobat Document)
-  Column Statistics – Company Safety Plan Life Long Learning.pdf (Adobe Acrobat Document)
-  F Grade (Adobe Acrobat Document)
-  F grading sheet (Adobe Acrobat Document)
-  Safety Booklet Instructions.pdf (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All measures above target,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect 2019-
2020

Supporting Attachments:

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

70% of students will agree or strongly agree that the program prepared them to meet this outcome.

Ideal Target:

80% of students will agree or strongly agree that the program prepared them to meet this outcome.

Implementation Plan (timeline):

Spring, 2019

Key/Responsible Personnel:

Faculty

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

75% chose 4 or better on 5 pt Likert scale

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

[📎 Survey Statistics_ ACCE Senior Survey 2019 – CIVL_8123_...pdf](#) (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All measures above target, continue current plan

Implementation Plan

(timeline):
2019-2020

Key/Responsible

Personnel:
CM faculty

Measures:
direct and indirect 2019-2020

Supporting Attachments:

2. Create oral presentations appropriate to the construction discipline. (O)

Mapped to:

- **General Education:** GE Outcome #2: Oral Communication

Measure

AC Exam #2 Create Oral Presentations

PROGRAM LEVEL; DIRECT - EXAM

Details/Description:

AC Exam #2 Create Oral Presentations Results

Acceptable Target:

70% of students score 70% or better

Ideal Target:

80% of students score 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for AC Exam #2 Create Oral Presentations

Summary of Findings:

Students scored 71%, the national average was 71%

Acceptable Target Achievement:


Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

 NY004-Learning-Outcomes-Report-April-2019.pdf (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met -
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect
measures

Supporting Attachments:

Measure

CIVL 6212 OSHA Standard Presentation

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

CIVL 6212 OSHA Standard Presentation - oral presentation rubric results

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2018

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 6212 OSHA Standard Presentation

Summary of Findings:

EGMU = 2.7

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

- ④ A grade (Adobe Acrobat Document)
- ④ A grade presentation (Adobe Acrobat Document)
- ④ B grade (Adobe Acrobat Document)
- ④ Oral Presentation Instruction S2019.pdf (Adobe Acrobat Document)
- ④ Statistics – Oral Presentations on Safety.pdf (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met -
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect
measures

Supporting Attachments:

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

70% of students will agree or strongly agree that the program prepared them to meet this outcome.

Ideal Target:

80% of students will agree or strongly agree that the program prepared them to meet this outcome.

Implementation Plan (timeline):

Spring, 2019

Key/Responsible Personnel:

Faculty

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

100% chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

[Survey Statistics_ ACCE Senior Survey 2019 – CIVL_8123_...pdf](#) (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met - continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect measures

Supporting Attachments:

3. Create a construction project safety plan.(IL)

Mapped to:

- **General Education: GE Outcome #8: Information Literacy**

Measure

AC Exam #3 Create Construction Project Safety Plan

PROGRAM LEVEL; DIRECT - EXAM

Details/Description:

AC Exam #3 Create Construction Project Safety Plan Results

Acceptable Target:

70% of students earn 70% or better

Ideal Target:

80% of students earn 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for AC Exam #3 Create Construction Project Safety Plan

Summary of Findings:

Students scored 78%, national average was 73%

Acceptable Target Achievement:


Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

 NY004-Learning-Outcomes-Report-April-2019.pdf (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

Tim Piotrowski

Measures:

direct and indirect
measures

Supporting Attachments:

Measure

CIVL 6212 Construction Safety Manual

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

CIVL 6212 Construction Safety Manual

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 6212 Construction Safety Manual

Summary of Findings:

EGMU = 1.9

Acceptable Target Achievement:







Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

-  A grade safety plan (Word Document (Open XML))
-  A grading sheet (Adobe Acrobat Document)
-  CIVL 6212 FCAR S2019.pdf (Adobe Acrobat Document)
-  Column Statistics – Company Safety Plan.pdf (Adobe Acrobat Document)
-  F Grade safety plan (Adobe Acrobat Document)
-  Safety Booklet Instructions.pdf (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

Tim Piotrowski

Measures:

direct and indirect
measures

Supporting Attachments:

Measure

CIVL 6212 CSLO #1

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CIVL 6212 CSLO #1 Results

Acceptable Target:

70% choose 4 or better

Ideal Target:

80% choose 4 or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:***Findings****for CIVL 6212 CSLO #1***Summary of Findings:**

95% chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:**Substantiating Evidence:**

[Survey Statistics_ Course Student Learning Outcomes Spring ...pdf](#) (Adobe Acrobat Document)

Action*in 2018-19 Assessment Cycle - Continuous Improvement Action****Continue****No Status Added to Continue***Action details:**

All objectives were met, continue current plan

Implementation Plan**(timeline):**

2019-2020

Key/Responsible**Personnel:**

Tim Piotrowski

Measures:

direct and indirect measures

Supporting Attachments:

4. Create construction project cost estimates.

Mapped to:

No Mapping

Measure

AC Exam #4 Create Cost Estimates

PROGRAM LEVEL; DIRECT - EXAM

Details/Description:

AC Exam #4 Create Cost Estimates Results

Acceptable Target:

70% of students earn 70% or better

Ideal Target:

80% of students earn 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for AC Exam #4 Create Cost Estimates

Summary of Findings:

Students score 71%, national average 71.6%

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

[NY004-Learning-Outcomes-Report-April-2019.pdf](#) (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

Piotrowski, Vitale

Measures:

direct and indirect

Supporting Attachments:

Measure

CIVL 6214 CSLO #1

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CIVL 6214 CSLO #1 Results

Acceptable Target:

70% of students choose 4 or better on 5 pt Likert scale

Ideal Target:

80% of students choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Erin Vitale

Supporting Attachments:

Findings

for CIVL 6214 CSLO #1

Summary of Findings:

94% chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

Piotrowski, Vitale

Measures:

direct and indirect

Supporting Attachments:

Measure

CIVL 6214 Schematic Estimate

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

CIVL 6214 Schematic Estimate

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Erin Vitale

Supporting Attachments:

Findings

for CIVL 6214 Schematic Estimate

Summary of Findings:

EGMU = 1.83

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

Piotrowski, Vitale

Measures:

direct and indirect

Supporting Attachments:

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

70% of students will strongly agree or agree that the program prepared them to meet this outcome.

Ideal Target:

80% of students will strongly agree or agree that the program prepared them to meet this outcome.

Implementation Plan (timeline):

Spring, 2019

Key/Responsible Personnel:

Faculty

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

87.5% chose 4 or better

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Exceeded

Reflections/Notes:**Substantiating Evidence:**

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

All objectives were met,
continue current plan

Implementation Plan**(timeline):**

2019-2020

Key/Responsible**Personnel:**

Piotrowski, Vitale

Measures:

direct and indirect

Supporting Attachments:

5. Create construction project schedules.

Mapped to:

No Mapping

Measure

AC Exam #5 Create Construction Project Schedules

PROGRAM LEVEL; DIRECT - EXAM

Details/Description:

AC Exam #5 Create Construction Project Schedules Results

Acceptable Target:

70% of students score 70% or better

Ideal Target:

80% of students score 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for AC Exam #5 Create Construction Project Schedules

Summary of Findings:

Students scored 76%, national average was 74%

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

Measure

CIVL 7223 - Assignment A4

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Fall 2018

Key/Responsible Personnel:

Reza Yadollahi

Supporting Attachments:

Findings

for CIVL 7223 - Assignment A4

Summary of Findings:

EGMU = 2.8

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Project Selection

No Status Added to Project Selection

Action details:

Choose new project

Implementation Plan

(timeline):

Fall 2019

Key/Responsible

Personnel:

Reza Yadollahi

Measures:

New project selected

Supporting Attachments:

Measure

CIVL 7223 CSLO #1

COURSE LEVEL; INDIRECT - SURVEY

Details/Description:

CIVL 7223 CSLO #1 Results

Acceptable Target:

70% of students choose 4 or better on 5 pt Likert scale

Ideal Target:

80% of students choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Fall 2018

Key/Responsible Personnel:

Reza Yadollahi

Supporting Attachments:

Findings

for CIVL 7223 CSLO #1

Summary of Findings:

75% chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

- [📎 Create Network Schedule - Assignment No.4 \(Adobe Acrobat Document\)](#)
- [📎 Survey Result \(Adobe Acrobat Document\)](#)

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

70% of students will strongly agree or agree that the program prepared them to meet this outcome.

Ideal Target:

80% of students will strongly agree or agree that the program prepared them to meet this outcome.

Implementation Plan (timeline):

Spring, 2019

Key/Responsible Personnel:

Faculty

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

87.5 % chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:**Substantiating Evidence:**

[Survey Statistics_ACCE Senior Survey 2019 – CIVL_8123_..._.pdf](#) (Adobe Acrobat Document)

6. Analyze professional decisions based on ethical principles.

Mapped to:

No Mapping

Measure

AC Exam #6 Analyze decisions based on ethical principles

PROGRAM LEVEL; DIRECT - EXAM**Details/Description:**

AC Exam #6 Analyze decisions based on ethical principles

Acceptable Target:

70% of students score 70% or better

Ideal Target:

80% of students score 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for AC Exam #6 Analyze decisions based on ethical principles

Summary of Findings:

Students scored 75%, national average 73%

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

[NY004-Learning-Outcomes-Report-April-2019.pdf](#) (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

all objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect

Supporting Attachments:

Measure

CIVL 4043 CSLO #3

COURSE LEVEL; INDIRECT - SURVEY

Details/Description:

CIVL 4043 CSLO #3 Results

Acceptable Target:

70% of students choose 70% or better

Ideal Target:

80% of students choose 70% or better

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for CIVL 4043 CSLO #3

Summary of Findings:

90% chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

all objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect

Supporting Attachments:

Measure

CIVL 4043 Quiz

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

CIVL 4043 Case Study

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2019

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for CIVL 4043 Quiz

Summary of Findings:

EPAN = 1.85

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

all objectives were met,

continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect

Supporting Attachments:

Measure

Program Exit Survey

INDIRECT - SURVEY

Details/Description:

Acceptable Target:

70% of students will strongly agree or agree that the program prepared them to meet this outcome.

Ideal Target:

80% of students will strongly agree or agree that the program prepared them to meet this outcome.

Implementation Plan (timeline):

Spring, 2019

Key/Responsible Personnel:

Faculty

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

94% chose 4 or better

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

[Survey Statistics_ ACCE Senior Survey 2019 – CIVL_8123_..._.pdf](#) (Adobe Acrobat Document)

Action

in 2018-19 Assessment Cycle - Continuous Improvement Action

Continue

No Status Added to Continue

Action details:

all objectives were met,
continue current plan

Implementation Plan

(timeline):

2019-2020

Key/Responsible

Personnel:

CM faculty

Measures:

direct and indirect

Supporting Attachments:

Report : Assessment Cycle Details for : Construction Management Program (BS)

Report Generated by Taskstream

Workspace : Academic Program Assessment Workspace

Assessment Plan: 2019-20 Assessment Cycle: Assessment Plan and Assessment Findings

Assessment Plan Template : Academic Program Assessment Plan Template

Report Generated : Monday, April 12, 2021

Measures and Findings

Construction Management Program (BS) Outcome Set

Outcome

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

Mapped to:

No Mapping

Measure

CIVL 7223 - Assignment

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Fall 2019

Key/Responsible Personnel:

Reza Yadollahi

Supporting Attachments:

Findings

for CIVL 7223 - Assignment

Summary of Findings:

EMGU = 2.65

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

After discussion with Chair in assessment department meeting (1/13/2020), new method of assessment was proposed for next semester assessing students based on their network crashing method of acceleration in their commercial building project.

Substantiating Evidence:

Measure

CIVL 7223 - CSLO

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CSLO Survey

Acceptable Target:

70% Choose 4 or better on 5pt Likert

Ideal Target:

80% Choose 4 or better on 5pt Likert

Implementation Plan (timeline):

Fall 2019

Key/Responsible Personnel:

Reza Yadollahi

Supporting Attachments:

Findings

for CIVL 7223 - CSLO

Summary of Findings:

70% chose 4 or better.

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

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

Measure

CIVL 7213

(CT)

PROGRAM LEVEL; INDIRECT - SURVEY

Mapped to:

- **General Education:** GE Outcome #4: Critical Thinking

Details/Description:

CSLO Survey

Acceptable Target:

70% choose 4 or better on 5 pt Likert scale

Ideal Target:

80% choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Fall 2019

Key/Responsible Personnel:

Reza Yadollahi

Supporting Attachments:

Findings

for CIVL 7213

Summary of Findings:

66% chose 4 or better.

Acceptable Target Achievement:

Not Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

This learning outcome needs to be modified in future semester; there is no similar definition in the textbook. The term "labor" should be removed.

Substantiating Evidence:

Measure

CIVL 7213 - Assignment

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Fall 2019

Key/Responsible Personnel:

Reza Yadollahi

Supporting Attachments:

Findings

for CIVL 7213 - Assignment

Summary of Findings:

EGMU = 2.66

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

9. Apply construction management skills as a member of a multi-disciplinary team.

Mapped to:

No Mapping

Measure

CIVL 8123

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CSLO Survey

Acceptable Target:

70% choose 4 or better on 5 pt Likert scale

Ideal Target:

80% choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Spring 2020

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 8123

Summary of Findings:

70% Chose 4 or better

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Met department benchmark and approaching ideal target

Substantiating Evidence:***Measure***

CIVL 8123 - Assignment

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT**Details/Description:****Acceptable Target:**

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2020

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:***Findings***

for CIVL 8123 - Assignment

Summary of Findings:

EGMU = 1.8

The best students did outstanding work on the multi-disciplinary software project. Project components were done very well and students displayed a good understanding of the software and its capabilities when working as part of a team. The students who typically struggled showed little enthusiasm for even completing the work.

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Assign the project earlier in the semester and monitor progress more closely.

Substantiating Evidence:

10. Apply electronic-based technology to manage the construction process.

Mapped to:

- **General Education:** GE Outcome #7: Values, Ethics, Diversity and Global Awareness

Measure

CIVL 8123

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CSLO Survey

Acceptable Target:

70% choose 4 or better on 5 pt Likert scale

Ideal Target:

80% choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Spring 2020

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 8123

Summary of Findings:

70% Chose 4 or better on 5 pt Liker scale meeting department benchmark.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Assign the project earlier in the semester and monitor more closely

Substantiating Evidence:

Measure

CIVL 8123 - Assignment

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2020

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 8123 - Assignment

Summary of Findings:

EGMU of 1.8 met the department benchmark.

Multi-Disciplinary Software Project where students played project manager, construction manager and design professional roles on a new construction project using industry software.

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Assign project earlier in the semester and monitor more closely

Substantiating Evidence:

11. Apply basic surveying techniques for construction layout and control.

Mapped to:

No Mapping

Measure

CIVL 1204

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CSLO Survey

Acceptable Target:

70% choose 4 or better on 5 pt Likert scale

Ideal Target:

80% choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Fall 2019

Key/Responsible Personnel:

Kera Mariotti

Supporting Attachments:***Findings***

for CIVL 1204

Summary of Findings:

Perform construction layout and control in a laboratory setting.

86% chose 4 or better

Avg. 4.06

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:**Substantiating Evidence:**

 CIVL 1204 FCAR Fall2019.docx (Word Document (Open XML))

Measure

CIVL 1204 - Assignment

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:**Acceptable Target:**

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Fall 2019

Key/Responsible Personnel:

Kera Mariotti

Supporting Attachments:

Findings

for CIVL 1204 - Assignment

Summary of Findings:

Perform construction layout and control in a laboratory setting.
Source of Assessment: House Stakeout Lab
Avg. 2.00 EGMU(18,10,10,4)

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

 CIVL 1204 FCAR Fall2019.docx (Word Document (Open XML))

12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved.

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

Mapped to:

No Mapping

Measure

CIVL 4043

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

CSLO Survey

Acceptable Target:

70% choose 4 or better on 5 pt Likert scale

Ideal Target:

80% choose 4 or better on 5 pt Likert scale

Implementation Plan (timeline):

Spring 2020

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for CIVL 4043

Summary of Findings:

95% of students felt that the highly or well achieved different methods of project

delivery etc.. This was thru student questionnaire.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

The course book/topics well suit the student to feel they have achieved a good understanding.

Substantiating Evidence:

Measure

CIVL 4043 - Assignment

PROGRAM LEVEL; DIRECT - STUDENT ARTIFACT

Details/Description:

Acceptable Target:

EGMU = 1.5

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Spring 2020

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for CIVL 4043 - Assignment

Summary of Findings:

Exam #1 Questions 1,15,36,37 all have to do with project delivery methods. EPAN score was 2.67. Students are understanding different delivery methods.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

This topic is introduced and covered thoroughly early in the course. Next assessment should assess a different aspect of the outcome since it is so

broad.

Substantiating Evidence:

Report : Assessment Cycle Details for : Construction Management Program (BS)

Report Generated by Taskstream

Workspace : Academic Program Assessment Workspace

Assessment Plan: 2017-18 Assessment Cycle: Assessment Plan and Assessment Findings

Assessment Plan Template: Academic Program Assessment Plan Template

Report Generated : Monday, April 12, 2021

Measures and Findings

Construction Management Program (BS) Outcome Set

Outcome

15. Understand construction quality assurance and control.

Mapped to:

No Mapping

Measure

CIVL 1013 Portland Cement: Quiz, Inspecting Concrete After it Arrives On Site.

PROGRAM LEVEL; DIRECT - OTHER

Details/Description:

Tim to enter specific CSLO

Acceptable Target:

EGMU of 1.5

Ideal Target:

EGMU of 2.0

Implementation Plan (timeline):

Work collected during the course
Assessment completed by May 2018

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for CIVL 1013 Portland Cement: Quiz, Inspecting Concrete After it Arrives On Site.

Summary of Findings:

Source of Assessment: Quiz, Inspecting Concrete After it Arrives On Site.
EGMU = 2.2

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

This was covered by CSLO number 1 - Explain how the construction industry operates through the vehicle of material testing

Substantiating Evidence:

 CSLO1 Quiz After Concrete Arrives.docx (Word Document (Open XML))

 Lab 1 Assmt & 3 Samples.docx (Word Document (Open XML))

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

At least 70% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Ideal Target:

At least 90% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Implementation Plan (timeline):

End of semester

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

23 student responses:

12 strongly agree

10 agree

1 neutral

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

Action

in 2017-18 Assessment Cycle - Continuous Improvement Action

No action needed

No Status Added to No action needed

Action details:

**Implementation Plan
(timeline):**

Key/Responsible

Personnel:

Measures:

Supporting Attachments:

16. Understand construction project control processes.

Mapped to:

No Mapping

Measure

CIVL 7223 - Scheduling Project

PROGRAM LEVEL; DIRECT - OTHER

Details/Description:

Updating a construction schedule will demonstrate the understanding of schedule control.

Acceptable Target:

EGMU = 1.5

The EGMU data based on rubric scores for the Vaughn College of Aeronautics and technology are developed as

follow to close the loop on the FCAR assessment process (NYIT, 2006) and (Vaughn College, 2007).

"E = 3" Demonstrates an excellent understanding of the course materials – Excellent. E can be used for a grade of

B+ and A.

"G = 2" Demonstrates a good understanding of the course materials with no significant errors – Good.

G can be used for a grade of C+ and B.

"M = 1" Demonstrates an incomplete understanding of the course materials – Minimal M can be used for a grade of D and C.

"U = 0" Demonstrates unsatisfactory. U can be used for a grade of F.

The EGMU score of 1.5 is a C, average, represents what a student would need in order to satisfy the requirement for graduation.

Ideal Target:

EGMU = 2.0

Implementation Plan (timeline):

Work collected in the semester
Reported by May 2018

Key/Responsible Personnel:

Erin Vitale

Supporting Attachments:

Findings

for CIVL 7223 - Scheduling Project

Summary of Findings:

Course Objective #3 Master scheduling software to proficiently produce logic diagrams, bar charts and commonly required reports.

Source of Assessment: Firehall

AVG 2.68 EGMU (29, 7, 1, 1)

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Students updated schedules many times in the semester. The reporting on the final Fire Hall Project was good except for a few students did not have software print out project % complete. Next year I will emphasize the need to put appropriate information on headers and footers.

Substantiating Evidence:

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY**Details/Description:****Acceptable Target:**

At least 70% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Ideal Target:

At least 90% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Implementation Plan (timeline):

End of semester

Key/Responsible Personnel:

Erin Vitale

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

23 student responses:
11 strongly agree
11 agree
1 neutral

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Substantiating Evidence:

Action

in 2017-18 Assessment Cycle - Continuous Improvement Action

No action needed

No Status Added to No action needed

Action details:

**Implementation Plan
(timeline):**

Key/Responsible

Personnel:

Measures:

Supporting Attachments:

17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.

Measure

CIVL 8123 - Construction Project Administration: Cumulative exam covering this topic and others related

PROGRAM LEVEL; DIRECT - OTHER

Mapped to:

No Mapping

Details/Description:**Acceptable Target:**

EGMU 1.5

Ideal Target:

EGMU 2.0

Implementation Plan (timeline):

Work collected in the semester
Report complete by May 2018

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:***Findings***

for CIVL 8123 - Construction Project Administration: Cumulative exam covering this topic and others related

Summary of Findings:

Cumulative exam covering this topic and others related resulted in a CSLO 1 EGMU of 1.6

Acceptable Target Achievement:

Met

Ideal Target Achievement:


Exceeded


Reflections/Notes:


In the future will try and segregate data pertinent to this specific topic. The topic is well covered by the textbook, lecture notes and in the 16 quizzes as well as the exam.


Substantiating Evidence:

 CIVL 8123 CSLO 1 SPRING 2018.docx (Word Document (Open XML))

 CIVL 8123 CSLO PSLO4 SPRING 2018.docx (Word Document (Open XML))

 CIVL 8123 STUDENT WORK 72% Exam.docx (Word Document (Open XML))

 CIVL 8123 STUDENT WORK 81% Exam.docx (Word Document (Open XML))

 CIVL 8123 STUDENT WORK 87% Exam.docx (Word Document (Open XML))

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:**Acceptable Target:**

At least 70% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Ideal Target:

At least 90% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Implementation Plan (timeline):

End of semester

Key/Responsible Personnel:

Tim Piotrowski

Supporting Attachments:

Findings
for Program Exit Survey

Summary of Findings:

23 student responses:
8 strongly agree
11 agree
2 disagree

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence:

Action
in 2017-18 Assessment Cycle - Continuous Improvement Action

No action needed

No Status Added to No action needed

Action details:

**Implementation Plan
(timeline):**

**Key/Responsible
Personnel:**

Measures:

Supporting Attachments:

18. Understand the basic principles of sustainable construction.

Mapped to:

No Mapping

Measure

CIVL 3553 Commercial Building- Sustainability homework

PROGRAM LEVEL; DIRECT - OTHER

Details/Description:

Sustainability

For each area below you will give a 2 but no more than 3 minute presentation on your topic as well as submit 1 multiple choice question and one multiple choice or true false question on your topic.

1. Concrete 3.2
2. Precast 3.17
3. Steel frame/light gauge 4.8 & 4.10
4. Wood frame 5.18
5. Roof construction 7.2
6. Painting/coating 8.3 & 8.5
7. Exterior walls 8.6
8. Alum cladding 9.6
9. Glass 10.2
10. Plastic 10.6
11. Interior finish 11.2
12. Gypsum 11.6
13. Insulation 12.1
14. Ceilings and floors 12.6

Acceptable Target:

EGMU 1.5

Ideal Target:

EGMU 2.0

Implementation Plan (timeline):

Work collected in the semester
Reporting complete May 2018

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for CIVL 3553 Commercial Building- Sustainability homework

Summary of Findings:

Each group presented and submitted questions that could be used for exam or quizzes in the future. This assignment covered many topics and made the students aware of sustainability across the entire building. Since all successfully presented and submitted questions the score was a 3.0.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

The assignment being interactive made for enhanced student learning.

Substantiating Evidence:

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Course survey

Acceptable Target:

The average Likert Score will be at least 3.0

Ideal Target:

The average Likert Score will be a 3.5

Implementation Plan (timeline):

End of semester

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

The average was a 4.52 so clearly the students felt they understood the principles of sustainable construction.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Teach sustainability as a separate topic as well as integrating within building components.

Substantiating Evidence:

Action

in 2017-18 Assessment Cycle - Continuous Improvement Action

No action needed

No Status Added to No action needed

Action details:

**Implementation Plan
(timeline):**

**Key/Responsible
Personnel:**

Measures:

Supporting Attachments:

19. Understand the basic principles of structural behavior.

Mapped to:

No Mapping

Measure

CIVL 5213 Exam question on reinforced concrete design

COURSE LEVEL; DIRECT - EXAM

Details/Description:

Exam question on reinforced concrete design

Acceptable Target:

EGMU 1.5

Ideal Target:

EGMU 2.0

Implementation Plan (timeline):

Work collected in the semester
Reporting complete May 2018

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for CIVL 5213 Exam question on reinforced concrete design

Summary of Findings:

Exam question was a 6 part question on designing a beam with tension steel that was worth 12 points. The average score was a 10 out of 12. This was a EMGU of

2.21.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

The majority of students 31 of 38 had high scores yet 4 students still got below 50%. A math heavy course exposes this. I would continue to emphasis math and understanding.

Substantiating Evidence:

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

The average Likert score will be at least a 3.0

Ideal Target:

The average Likert score will be at least a 3.5

Implementation Plan (timeline):

End of semester

Key/Responsible Personnel:

Jeff Marshall

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

The Likert score was a 3.76/5. Most students felt they had an understanding.

Acceptable Target Achievement:

Exceeded

Ideal Target Achievement:

Exceeded

Reflections/Notes:

Again there was a spread from those who thought they understood to those who felt they did not.

Substantiating Evidence:

Action

in 2017-18 Assessment Cycle - Continuous Improvement Action

No action needed

No Status Added to No action needed

Action details:

**Implementation Plan
(timeline):**

**Key/Responsible
Personnel:**

Measures:

Supporting Attachments:

20. Understand the basic principles of mechanical, electrical and piping systems.

Mapped to:

No Mapping

Measure

CIVL 6123 Mechanical Systems: Averaging Homework #1 and #3

PROGRAM LEVEL; DIRECT - OTHER

Details/Description:

Acceptable Target:

EGMU 1.5

Ideal Target:

EGMU 2.0

Implementation Plan (timeline):

Work collected in the semester
Reporting complete May 2018

Key/Responsible Personnel:

TBD

Supporting Attachments:

Findings

for CIVL 6123 Mechanical Systems: Averaging Homework #1 and #3

Summary of Findings:

Averaging Homework #1 and #3

EGMU = 2.37

Acceptable Target Achievement:

Met







Ideal Target Achievement:

Exceeded

Reflections/Notes:

Target was met

Substantiating Evidence:

-  CIVL 6123 Homework #1 Results.docx (Word Document (Open XML))
-  CIVL 6123 Homework #3 Results.docx (Word Document (Open XML))
-  CIVL 6123 Homework 1 Assignment.docx (Word Document (Open XML))
-  CIVL 6123 Homework 3 Assignment.docx (Word Document (Open XML))
-  homework 1 Mechanical Systems A grade.pdf (Adobe Acrobat Document)
-  homework 1 Mechanical Systems B grade.pdf (Adobe Acrobat Document)

Measure

Program Exit Survey

PROGRAM LEVEL; INDIRECT - SURVEY

Details/Description:

Acceptable Target:

At least 70% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Ideal Target:

At least 90% of students will strongly agree or agree that their program of study has prepared them to meet this outcome.

Implementation Plan (timeline):

End of semester

Key/Responsible Personnel:

Faculty

Supporting Attachments:

Findings

for Program Exit Survey

Summary of Findings:

23 student responses:
8 strongly agree
8 agree
5 neutral

2 disagree

Acceptable Target Achievement:

Met

Ideal Target Achievement:

Approaching

Reflections/Notes:

Substantiating Evidence: