Degree Program Assessment - CMGT - BSCM for 2020

Degree code: CMGT
Degree type: BSCM
Degree title: Construction Management
Assessment year: 2020-21

Matrix (Enter 3 or 4 rows):
Student Learning Outcome #1-5:
Of the first 5 ACCE Student Learning Outcomes, all 5 outcomes were assessed this year (full 3-year rotation schedule of all outcomes measured per year available in notes field at end of form):
1. Create written communications
2. Create oral presentations appropriate to the construction disciplines.
3. Create construction project safety plan.
4. Create construction project cost estimates.
5. Create

G. Complete the Unbalanced Bid Form

H. Complete the bid forms correctly and submit at a simulated public bid opening

Student Learning Outcome 5 as measured in CONS 4005/4006

Course Learning Outcomes aligned with ACCE Student Learning Outcome 5:

A. Develop a logic network with design, procurement and construction activities along with a crew utilization chart

B. Develop an activity listing and corresponding durations for a construction project.

C. Create a Time Scaled logic Network

D. Calculate the activity event times and durations and determine the event times for a project

E. Recognize resource requirements and allocate these requirements to the schedule

Student Learning Outcome 5 as measured in CONS 4047/4048 Advanced Construction

Projects Course Learning Outcomes aligned with ACCE Student Learning Outcome 5:

E.

Student Learning Outcome 9 as measured in CONS 4047/4048 Advanced Construction Projects

Course Learning Outcome aligned with ACCE Student Learning Outcome 9

D. Each team

Elasticity, behavior under load, and strength of bolted connections.

F. Describe the properties of wood, including terminology, wood products, grading of lumber and preservation.

Target(s):
For each measure embedded in courses, the target for student performance is that 70% of the students will attain a 70% or higher score on the evaluation of the assignment.

Student Learning Outcome #4:
Of ACCE Student learning Outcomes 16-20, outcome 18 was assessed this year (full 3-year rotation schedule of all outcomes measured per year available in notes field at end of form):

18. Understand the principles of sustainable construction.

Measure(s):
Student Learning Outcome 18 as measured in CONS 1020/1021

Course Learning Outcome aligned with ACCE Student Learning Outcome 18:

G. Identify sustainability, reuse and recycling principles

Target(s):
For each measure embedded in courses, the target for student performance is that 70% of the students will attain a 70% or higher score on the evaluation of the assignment.

Does this degree program have an online version?:
No

Notes (optional):
Course Evaluations Schedule (with ACCE aligned Student Learning Outcomes)

Spring/Summer 2018

CONS 1020 & 1021 Materials (ACCE SLOs 8,15,18)

CONS 1040/1041 Practices (ACCE SLOs 8,9)

CONS 3018/3019 Quantity Estimating (ACCE SLOs 4,6)

CONS 4030 Safety (ACCE SLOs 1,2,3,13)

CONS 4005/4006 Scheduling (ACCE SLOs 5,10)

CONS 4047/4048 Advanced Construction Projects (3D Model) (ACCE SLOs 2,5,7,9,10)

Spring/Summer 2019

CONS 1003 & 1004 Construction Graphics (ACCE SLO 8)

CONS 2015 Structures (ACCE SLO 19)

CONS 2008/2009 Construction Docs Plan Reading (ACCE SLO 8)

CONS 3030 Construction Admin (ACCE SLOs 6,16,17)

CONS 4045/4046 Digital Site (ACCE SLOs 2,10)

CONS 4008/4009 Cost Estimating (ACCE SLOs 4,6,8,14) CONS

3020 Mechanical and Electrical Systems (ACCE SLO 20)

Spring/Summer 2020

CONS 3015 Temporary Structures (Formwork & Rigging) (ACCE SLOs 8,19)

CONS 2011/2012 Surveying (ACCE SLOs 9,11)

CONS

CONS 2026.2027 Mechanical, Electrical Plumbing Plan Reading (ACCE SLO 20)

CONS 2030/2031 Soils & Test (ACCE SLOs 15,19)