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:

Ε.

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)