SCHOOL OF THE BUILT ENVIRONMENT

DEPARTMENT OF CONSTRUCTION MANAGEMENT

'Faculty - Course Self Evaluation' Assessment Report
Spring 2022

Dated: June 10, 2022

BOWLING GREEN STATE UNIVERSITY

ASSESSMENT PARTICULARS:

No. of Surveys Distributed:	Eleven (11) Surveys
No. of Surveys Returned:	Eleven (11) Surveys
No. of Courses Evaluated:	Eleven (11) Courses
List of Courses Evaluated:	CONS 2350 - Introduction to Construction CONS 2590 - Construction Document Reading CONS 3350 - Construction Materials and Testing CONS 3360 - Structural Design CONS 3370 - Mechanical, Electrical and Plumbing Systems in Buildings CONS 4350 - Construction Methods and Practices CONS 4400 - Construction Contracting CONS 4590 - Construction Estimating Computer Applications CONS 4700 - Construction Capstone CONS 6410 - Contracts and Disputes Resolution TECH 6030 - Data Analysis and Decision Making
Assessment Criteria:	Overall level of preparation of students in the course related with ACCE student learning outcomes (SLO): - Very High (Assigned Score = 5.00) - High (Assigned Score =4.00) - Average (Assigned Score = 3.00) - Low (Assigned Score = 2.00) - Very Low (Assigned Score = 1.00)
ACCE SLO Reference:	See Appendix for SLO descriptions
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CONS 2350 - Introduction to Construction
Instructor: Lisa Schaller

ACCE SLO	SLO 18
Rating	Very High
Score	5

Improvements/recommendations (self-reflection) for next offering of course:

1. I would redesign the lab sections, since the lab component will be removed and translate all lab assignments to feasible in class lecture assignments

CONS 2590 - Construction Document Reading
Instructor: Joseph Lavalette

ACCE SLO	SLO 7
Rating	Average
Score	3

Improvements/recommendations (self-reflection) for next offering of course:

1. Classroom of adequate size with accommodations for reading standard sized prints.
2. Availability of standard size prints for student in class use - large class size requires more sets.

CONS 3350 - Construction Materials and Testing
Instructor: Joseph Lavalette

ACCE SLO	SLO 15
Rating	High
Score	4

Improvements/recommendations (self-reflection) for next offering of course:

1. Either eliminate the hands-on lab portion of the course OR outfit the lab with working quality equipment the students could effectively use during lab exercises.
2. If lab is outfitted properly – assign a TA who has material testing exposure.

CONS 3360 - Structural Design
Instructor: Joseph Lavalette

ACCE SLO	SLO 19
Rating	High
Score	4

Improvements/recommendations (self-reflection) for next offering of course:

1. Reduction of class size – more one on one interaction with students.
2. Remove the “Zoom” option - students who attend face to face perform much better in the course.

CONS 3370 - Mechanical, Electrical and Plumbing Systems in Buildings
Instructor: Lisa Schaller

ACCE SLO	SLO 20
Rating	High
Score	4

Improvements/recommendations (self-reflection) for next offering of course:

1. Bring more hands-on learning into the course.
2. Bring more industry professionals into the classroom.
3. More site visits.

CONS 4350 - Construction Methods and Practices
Instructor: Alan Atalah

ACCE SLO	SLO 8	SLO 10
Rating	High	Very High
Score	4	5

Improvements/recommendations (self-reflection) for next offering of course:

None Provided

CONS 4400 - Construction Contracting
Instructor: Alan Atalah

ACCE SLO	SLO 6	SLO 12	SLO 13	SLO 17
Rating	Average	High	High	High
Score	3	4	4	4

Improvements/recommendations (self-reflection) for next offering of course:

None Provided

CONS 4590 - Construction Estimating Computer Applications
Instructor: Scott Gross

ACCE SLO	SLO 10
Rating	High
Score	4

Improvements/recommendations (self-reflection) for next offering of course:

1. This course is acceptable for evaluating this SLO. However, Dr. Atalah had discussed a better place to review this SLO would be in CONS 4350 using ProCore project management software. I highly suggest this SLO be switched to that course and software.

CONS 4700 - Construction Capstone
Instructor: Scott Gross

ACCE SLO	SLO 2	SLO 9
Rating	High	Very High
Score	4	5

Improvements/recommendations (self-reflection) for next offering of course:
None Provided

CONS 6410 - Contracts and Disputes Resolution
Instructor: Alan Atalah

ACCE SLO	**SLO** - Demonstrate the critical skills necessary in project management and leadership (MTM-CM)
Rating	Very High
Score	5

Improvements/recommendations (self-reflection) for next offering of course:
None Provided

TECH 6030 - Data Analysis and Decision Making
Instructor: Jaki Chowdhury

ACCE SLO	**SLO -** Perform data analysis and synthesis (MTM-CM)
Rating	Low
Score	2

Improvements/recommendations (self-reflection) for next offering of course:
1. I want to introduce other types of assessments. In particular, I would like to incorporate three group projects (first on organization, second on analysis, and the third on inference) if I were to teach it again.
2. This was the first time I taught a 7-weeks course. I plan to more efficiently group the lessons and due dates to work well with a half-semester course.

SUMMARY OF SCORE / AVERAGE PER ACCE SLO:

ACCE SLO	AVERAGE
1	-
2	4.0
3	-
4	-
5	-
6	3.0
7	3.0
8	4.0
9	5.0
10	4.5
11	-
12	4.0
13	4.0
14	-
15	4.0
16	-
17	4.0
18	5.0
19	4.0
20	4.0

APPENDIX:

ACCE - STUDENT LEARNING OUTCOMES

1. Create written communications appropriate to the construction discipline.
2. Create oral presentations appropriate to the construction discipline.
3. Create a construction project safety plan.
4. Create construction project cost estimates.
5. Create construction project schedules.
6. Analyze professional decisions based on ethical principles.
7. Analyze construction documents for planning and management of construction processes.
8. Analyze methods, materials, and equipment used in construction processes.
9. Apply construction management skills as a member of a multidisciplinary team.
10. Apply electronic-based technology to manage the construction process.
11. Apply basic surveying techniques for construction layout and control.
12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.
13. Understand construction risk management.
14. Understand construction accounting and cost control.
15. Understand construction quality assurance and control.
16. Understand construction project control processes.
17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.
18. Understand the basic principles of sustainable construction.
19. Understand the basic principles of structural behavior.
20. Understand the basic principles of mechanical, electrical and plumbing systems.