| Student Learning Outcome | Assessment/IA | Annual Meeting | Assessment Instrument | CONN | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG |
|--------------------------|--------------|---------------|----------------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| I = Introduced            |              |               |                      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| IA = Indirect Assessment |              |               |                      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| DA = Direct Assessment   |              |               |                      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

- Understand the basic principles of mechanical, electrical and piping systems.
- Understand the basic principles of structural behavior.
- Understand the basic principles of sustainable construction.
- Understand the legal implications of contract, common, and regulatory law to manage a construction project.
- Understand construction accounting and cost control.
- Understand construction risk management.
- Understand project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.
- Apply construction management skills as a member of a multidisciplinary team.
- Analyze methods, materials, and equipment used in construction processes.
- Analyze construction documents for planning and management of construction processes.
- Analyze professional decisions based on ethical principles.
- Create construction project cost estimates.
- Create a construction project safety plan.
- Create oral presentations appropriate to the construction discipline.
- Create written communications appropriate to the construction discipline.

SLO Course Assessment Matrix

| Year | Assessment | Review Year (Cycle) | Annual Meeting | Assessment/IA | Assessment Instrument | CONN | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG | ENG |
|------|------------|---------------------|---------------|--------------|----------------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 2021-2022 | Final Exam | 2022 (2) | Final Exam | IA | I |
| 2020-2021 | Final Exam | 2021(1) | Final Exam | IA | I |
| 2022-2023 | Final Exam | 2023(3) | Final Exam | IA | I |

**Cons/CH Courses:**
- CONS 1010 will be changed to 3 CR course.
- Currently 50 credit hours - 50 are the minimum for ACCE.
- CONS 4000 LEED and Lean Fundamentals will be added to the core curriculum.
- CONS 2350 will be removed from core curriculum and will be offered as an elective.

**Changes will result in 51 credit hours in core curriculum classes.**

**Topics in Construction**

2590 (3 CONS CH)
- Topics in Construction

**Introduction to Construction**

3590 (3 CONS CH)
- Introduction to Construction

**Mechanical, Electrical and Plumbing Systems in Building**

3360 (3 CONS CH)
- Mechanical, Electrical and Plumbing Systems in Building

**Construction Surveying**

3350 (3 CONS CH)
- Construction Surveying

**Computer Aided Design**

3180 (3 CONS CH)
- Computer Aided Design

**Construction Materials and Testing**

3370 (3 CONS CH)
- Construction Materials and Testing

**Construction Document Reading**

2780 (4 CONS CH)
- Construction Document Reading

**Construction Estimating Computer Applications**

4400 (3 CONS CH)
- Construction Estimating Computer Applications

**Construction Contracting**

4420 (3 CONS CH)
- Construction Contracting

**Construction Scheduling**

4700 (3 CONS CH)
- Construction Scheduling

**Construction Capstone**

4650 (3 CONS CH)
- Construction Capstone

**Construction Contracting**

4400 (3 CONS CH)
- Construction Contracting

**Construction Scheduling**

4700 (3 CONS CH)
- Construction Scheduling

**Construction Capstone**

4650 (3 CONS CH)
- Construction Capstone

**Construction Estimating Computer Applications**

4400 (3 CONS CH)
- Construction Estimating Computer Applications

**Construction Contracting**

4420 (3 CONS CH)
- Construction Contracting

**Construction Scheduling**

4700 (3 CONS CH)
- Construction Scheduling

**Construction Capstone**

4650 (3 CONS CH)
- Construction Capstone