

## CM Program Student Learning Objectives (SLO) Assessment Summary Report

**Academic Year: 2023-2024**

**Program/Academic Major: Construction Management**

**Date: August 13, 2024**

**Note: CM program uses Direct Measures and Indirect Measures to assess student learning outcomes directed by American Council for Construction Education (ACCE) accreditation guideline.** Direct Measure is based on student's performance on coursework in each class such as homework assignments, quizzes, projects, and exams. Indirect Measure is based on student's course objective evaluation which is student's self-evaluation conducted at the end of semester. The minimum criteria for CM program is set 70% on both Direct and Indirect Measures. Attached are the course assessment sheet for each class indicated in the following table.

SLO #	Student Learning Outcomes	Assessment Methods	Direct Measure (%)	Indirect Measure (%)	Actions Needed
SLO 1	Create written communications appropriate to the construction discipline	Course-Embedded Assessment Direct/Indirect Measures	EGR401(82.3)	EGR401(92.8)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
SLO 2	Create oral presentations appropriate to the construction discipline	Course-Embedded Assessment Direct/Indirect Measures	EGR401 (86.6)	EGR401 (90.0)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
SLO 6	Analyze professional decisions based on ethical principles	Course-Embedded Assessment Direct/Indirect Measures	EGR401 (92.0)	EGR401 (90.4)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
SLO 8	Analyze methods, materials, and equipment used to construct project	Course-Embedded Assessment	CON310 (86.5)	CON310 (88.0)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than

SLO #	Student Learning Outcomes	Assessment Methods	Direct Measure (%)	Indirect Measure (%)	Actions Needed
		Direct/Indirect Measures			continuous course improvement by instructor
<b>SLO 9</b>	Apply construction management skills as a member of a multi-disciplinary team	Course-Embedded Assessment Direct/Indirect Measures	EGR401 (82.9)	EGR401 (92.4)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
<b>SLO 5</b>	Create construction project schedule	Course-Embedded Assessment Direct/Indirect Measures	CON460 (88.6)	CON460 (96.1)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
<b>SLO 7</b>	Analyze construction documents for planning and management of construction process	Course-Embedded Assessment Direct/Indirect Measures	CON460 (89.9)	CON460 (95.0)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
<b>SLO 10</b>	Apply electronic-based technology to manage the construction process	Course-Embedded Assessment Direct/Indirect Measures	CON460 (93.0)	CON460 (94.2)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor
<b>SLO 16</b>	Understand construction project control processes	Course-Embedded Assessment Direct/Indirect Measures	CON460 (85.7)	CON460 (95.8)	Minimum criteria (70%) met in course assessments; No immediate actions needed other than continuous course improvement by instructor