

CM SLO Assessment Annual Report: 2024-2025

		Direct Assessment ¹			Indirect Assessment						Reponse/Actions
		In CM Courses			Employer Survey ²		Senior Exit Survey ³		CBU Alum Survey ³		
ACCE/CM Student Learning Outcomes		CM Course	Number of data	Score	# of Responses	Score	# of Responses	Score	# of Responses	Score	
SLO1	Create written communications appropriate to the construction discipline	EGR401	16	93.8	8	100	11	4.58	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO2	Create oral presentations appropriate to the construction discipline	EGR401	10	100	6	85.7	11	4.75	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO3	Create a construction project safety plan	CON330	24	90.9	5	100	11	4	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO4	Create construction project cost estimates	CON430	18	91.7	2	100	11	4.42	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO5	Create construction project schedules	CON460	18	93.1	2	100	11	4.33	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO6	Analyze professional decisions based on ethical principles	CON105	39	94.5	8	100	11	4.75	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO7	Analyze methods, materials, and equipment used to construct projects	CON310	26	88.7	8	100	11	4.67	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO8	Apply electronic-based technology to manage the construction process	CON460	18	95.3	8	100	11	4.67	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO9	Apply basic surveying techniques for construction layout and control	EGR251	38	85.4	2	100	11	3.92	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO10	Understand different methods of project delivery and the roles of and responsibilities of all constituencies involved in the design and construction process	CON350	24	88.5	8	100	11	4.67	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO11	Understand construction accounting and cost control	CON325	14	83.7	3	100	11	4.42	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO12	Understand construction quality assurance and control	CON105	35	73.4	7	100	11	4.33	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO13	Understand construction project control processes	CON460	18	84.8	7	100	11	4.33	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO14	Understand the legal implications of contract, common, and regulatory law to manage a construction project	CON350	24	85.3	3	100	11	4.33	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO15	Understand basic principles of sustainable construction	CON105	29	91.7	5	100	11	4.5	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO16	Understand the basic principles of structural behavior	CON340	26	84.2	6	100	11	4.42	n/a	n/a	No action at this time. Direct and indirect measures are all positive.
SLO17	Understand the basic principles of HVAC, electrical and plumbing systems.	CON470	24	92.8	8	100	11	4.25	n/a	n/a	No action at this time. Direct and indirect measures are all positive.

Note

1 Benchmark: >70%

2 Benchmark for Action for Survey Data < 70%

3 Benchmark for Action for Survey Data < 3.5 on 5-pt. scale

1. SLO 01 Written Communication

Create written communications appropriate to the construction discipline.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: ethics essay assignment
- Semester: Fall 2024
- Instructor: Dr. Humberto Gallegos

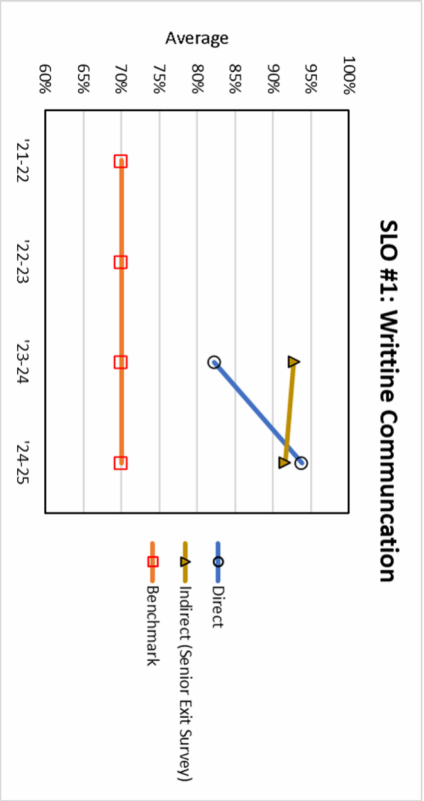
Course	2023-2024		2024-2025	
	Number of students	Average score	Number of students	Average score
EGR401 Capstone Design	25	82.3%	16	93.8%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025				
Students' Perception		Employer Survey		Senior Exit Survey		
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors	Average
25	92.8	8	11	100%	11	4.58

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2024-2025 and in 2023-2024.
- No action is required.

2. SLO 02 Oral Presentation

Create oral presentations appropriate to the construction discipline.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: oral presentation on Lessons Learned assignment
- Semester: Fall 2024
- Instructor: Dr. Humberto Gallegos

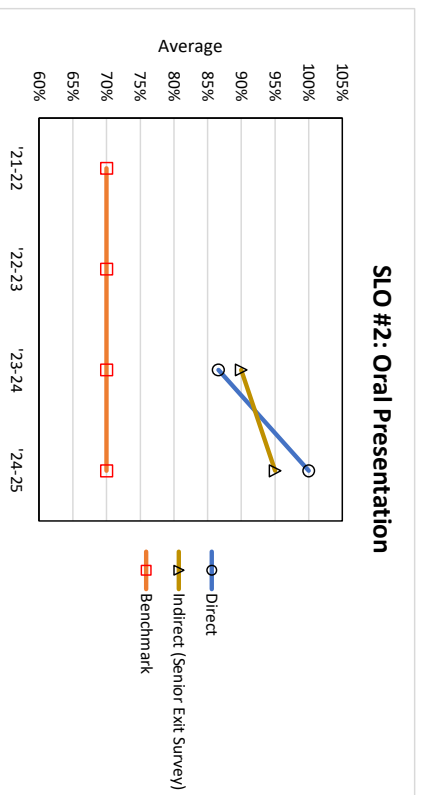
Course	2023-2024		2024-2025	
	Number of students	Average score	Number of students	Average score
EGR401 Capstone Design	25	86.6%	10	100%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
25	90.0	6	9	85.7%	11
					4.75

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2024-2025 and in 2023-2024.
- No action is required.

3. SLO 03 Safety

Create a construction project safety plan.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: project site specific safety plan assignment
- Semester: Spring 2025
- Instructor: Dr. Jiliang Li

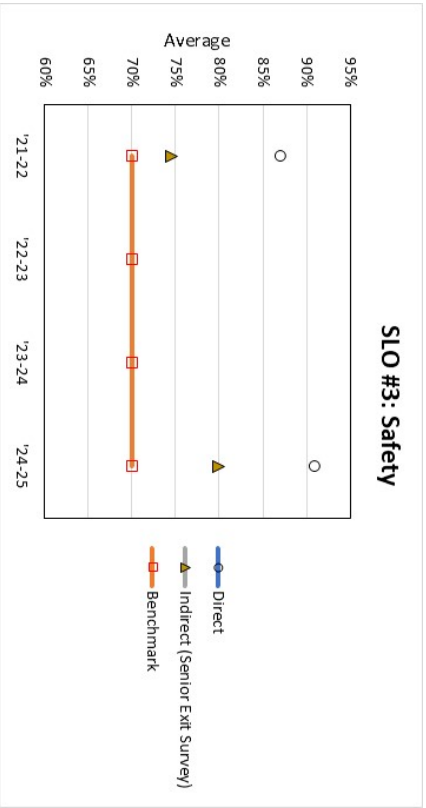
Course	2021-2022		2024-2025	
	Number of students	Average score	Number of students	Average score
CON330 Construction Safety	22	87.0%	24	90.9%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2021-2022		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
22	74.5	5	8	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2021-2022 and in 2024-2025.
- No action is required.

4. SLO 04 Cost Estimates

Create construction project cost estimates.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: class project for estimating costs for a building project
- Semester: Fall 2024
- Instructor: Dr. Jay Lee

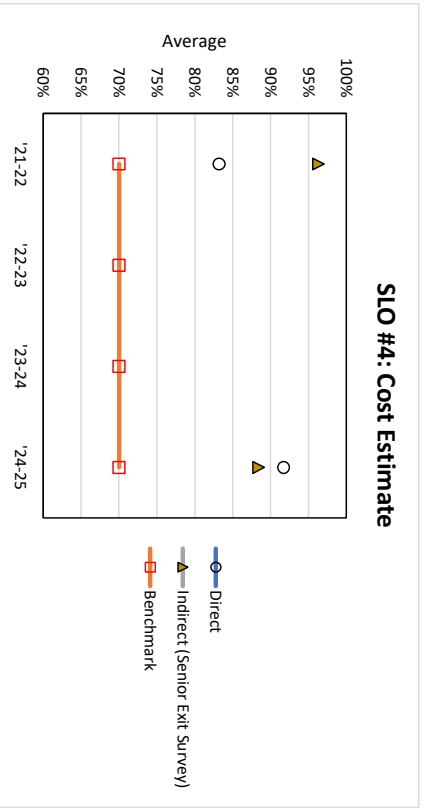
Course	2021-2022		2024-2025	
	Number of students	Average score	Number of students	Average score
CON430 Advanced Estimating	10	83.2%	18	91.7%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2021-2022		2024-2025			
Students' Perception		Employer Survey		Senior Exit Survey	
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
10	96.3	2	5	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2021-2022 and in 2024-2025.
- No action is required.

5. SLO 05 Project Schedule

Create construction project schedules.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: homework assignments and a class project
- Semester: Spring 2025
- Instructor: Dr. Jay Lee

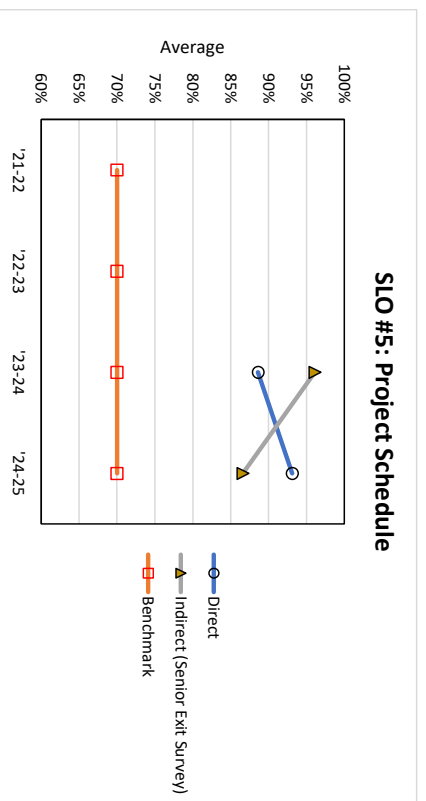
Course	2023-2024		2024-2025	
	Number of students	Average score	Number of students	Average score
CON460 Planning and Scheduling	14	88.6%	18	93.1%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
14	96.1	2	4	100%	11
					4.33

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2024-2025 and in 2023-2024.
- No action is required.

6. SLO 06 Construction Ethics

Analyze professional decisions based on ethical principles.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: Blackboard quiz
- Semester: Fall 2024
- Instructor: Dr. Euysep Shim

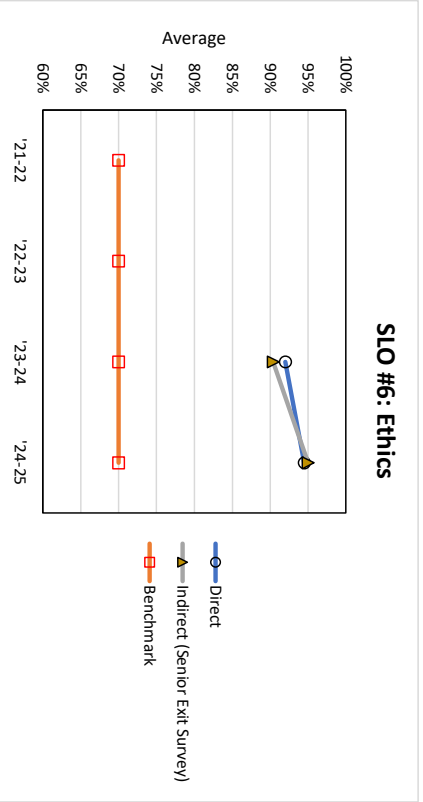
2023-2024			2024-2025		
Course	Number of students	Average score	Course	Number of students	Average score
EGR451 Project and Construction Management	25	92.0%	CON105 Introduction to Construction Management	39	94.5%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025				
Students' Perception		Employer Survey		Senior Exit Survey		
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors	Average
25	90.4	8	11	100%	11	4.75

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2024-2025 and in 2023-2024.
- No action is required.

7. SLO 07 Materials and Methods

Analyze methods, materials, and equipment used to construct projects.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: Final exam
- Semester: Fall 2024
- Instructor: Dr. Yesock Kim

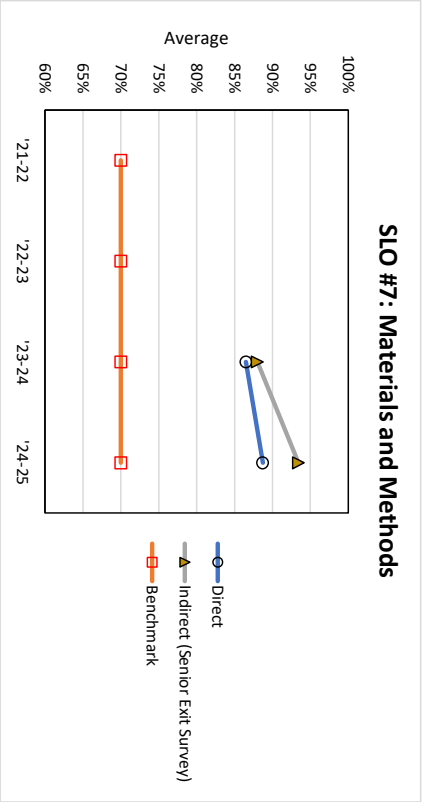
Course	2023-2024		2024-2025	
	Number of students	Average score	Number of students	Average score
CON310 Materials and Methods	13	86.5%	26	88.7%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
13	88.0	8	11	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2024-2025 and in 2023-2024.
- No action is required.

8. SLO 08 Electronic-based Technology

Apply electronic-based technology to manage the construction process.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: a class term project
- Semester: Spring 2025
- Instructor: Dr. Jay Lee

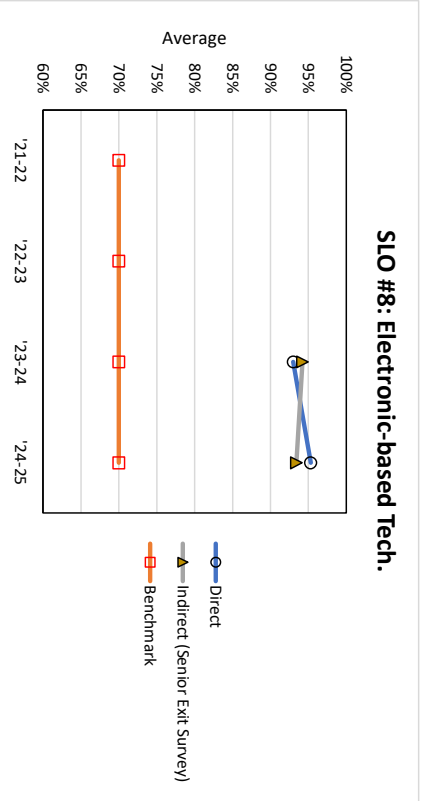
Course	2023-2024		2024-2025	
	Number of students	Average score	Number of students	Average score
CON460 Planning and Scheduling	14	93.0%	18	95.03%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
14	94.2	8	11	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2024-2025 and in 2023-2024.
- No action is required.

9. SLO 09 Surveying Tech.

Apply basic surveying techniques for construction layout and control.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: a class term project and a lab assignment
- Semester: Fall 2024
- Instructor: Drs. Humberto Gallegos and Jiliang Li

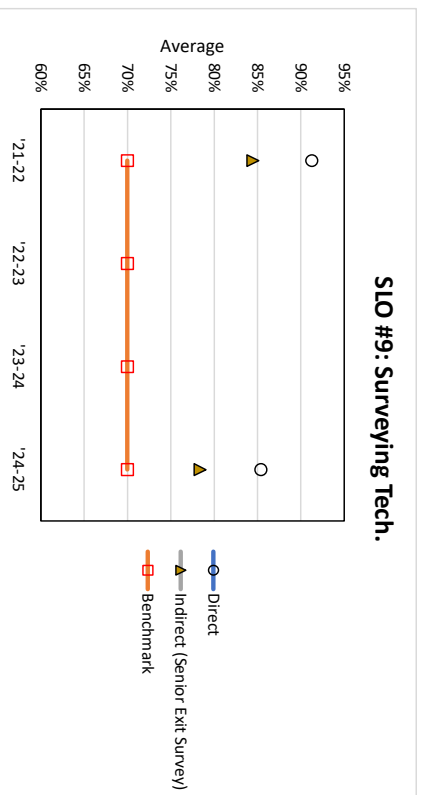
Course	2021-2022		2024-2025	
	Number of students	Average score	Number of students	Average score
EGR251 Surveying	29	91.3%	38	85.4%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2021-2022		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
13	84.5	2	3	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2021-2022 and in 2024-2025.
- No action is required.

10. SLO 10 Project Delivery Methods

Understand different methods of project delivery and the roles of and responsibilities of all constituencies involved in the design and construction process.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: midterm exam
- Semester: Spring 2025
- Instructor: Dr. Jay Lee

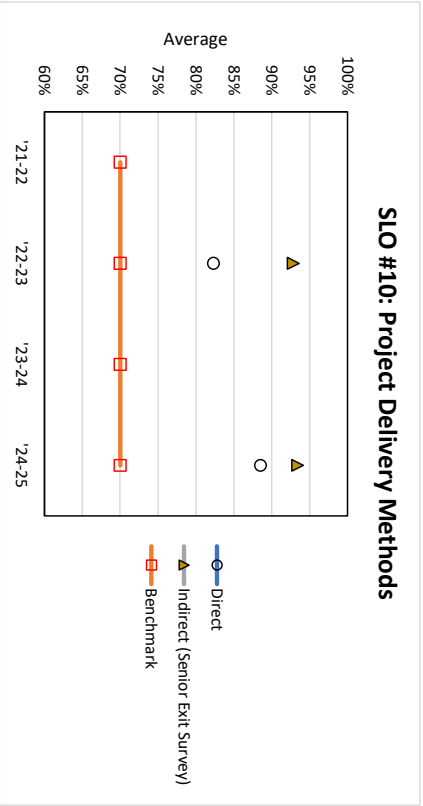
Course	2022-2023		2024-2025	
	Number of students	Average score	Number of students	Average score
CON350 Delivery, Law and Contracts	21	82.3%	24	88.5%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2022-2023		2024-2025				
Students' Perception		Employer Survey		Senior Exit Survey		
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors	Average
21	92.8	8	11	100%	11	4.67

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2022-2023 and in 2024-2025.
- No action is required.

11. SLO 11 Construction Accounting and Cost Control

Understand construction accounting and cost control.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: midterm exam
- Semester: Spring 2025
- Instructor: Dr. Jay Lee

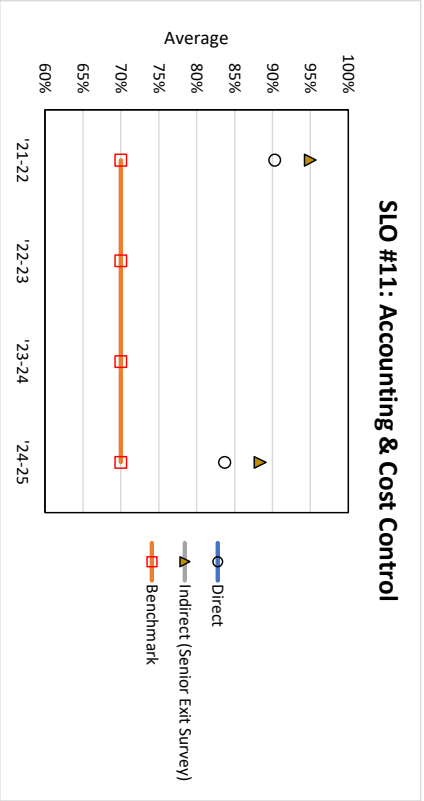
Course	2021-2022		2024-2025	
	Number of students	Average score	Number of students	Average score
CON325 Construction Financial Management	4	90.3%	14	83.7%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2021-2022		2024-2025			
Students' Perception		Employer Survey			Senior Exit Survey
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
4	95.0	3	4	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2021-2022 and in 2024-2025.
- No action is required.

12. SLO 12 Quality

Understand construction quality assurance and control.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: Blackboard quiz
- Semester: Fall 2024
- Instructor: Dr. Euysep Shim

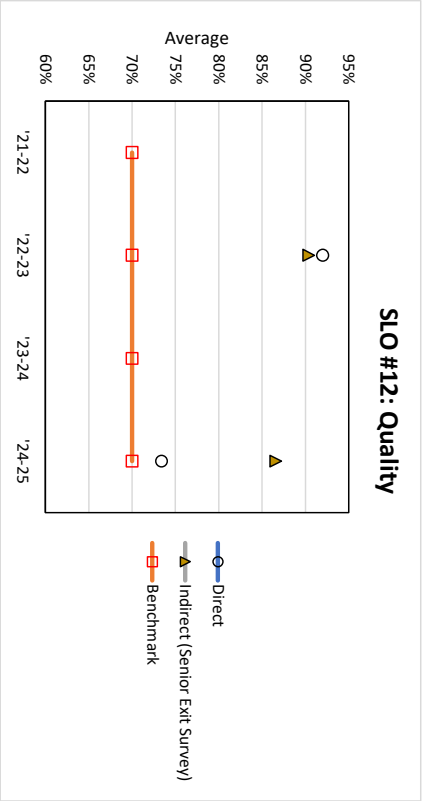
2022-2023			2024-2025		
Course	Number of students	Average score	Course	Number of students	Average score
EGR451 Project and Construction Management	25	92.0%	CON105 Introduction to Construction Management	35	73.4%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2022-2023		2024-2025				
Students' Perception		Employer Survey		Senior Exit Survey		
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors	Average
25	90.4	7	10	100%	11	4.33

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2022-2023 and in 2024-2025.
- No action is required.

13. SLO 13 Project Control

Understand construction project control processes.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: Final exam
- Semester: Spring 2025
- Instructor: Dr. Jay Lee

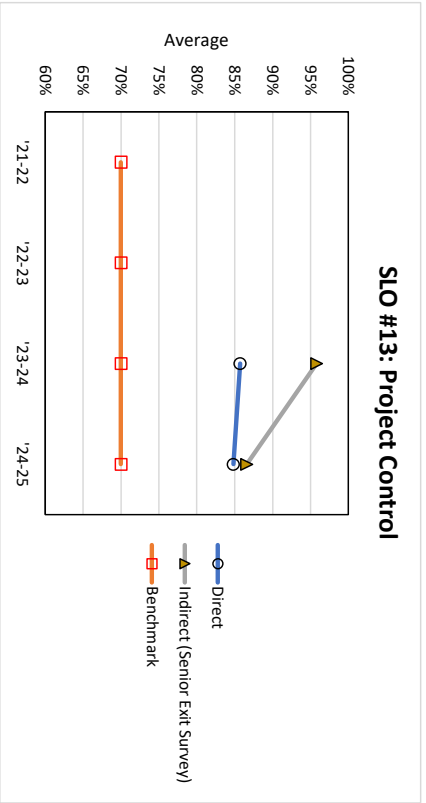
Course	2023-2024		2024-2025	
	Number of students	Average score	Number of students	Average score
CON460 Planning and Scheduling	14	85.7%	18	84.8%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2023-2024		2024-2025			
Students' Perception		Employer Survey		Senior Exit Survey	
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
14	95.8	7	8	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2023-2024 and in 2024-2025.
- No action is required.

14. SLO 14 Construction Law & Contract

Understand the legal implications of contract, common, and regulatory law to manage a construction project.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: Final exam
- Semester: Spring 2025
- Instructor: Dr. Jay Lee

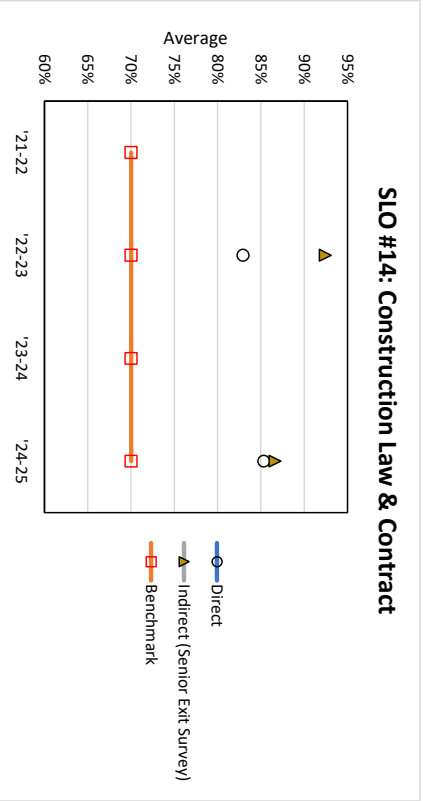
Course	2022-2023		2024-2025	
	Number of students	Average score	Number of students	Average score
CON350 Delivery, Law and Contracts	21	82.9%	24	85.3%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2022-2023		2024-2025				
Students' Perception		Employer Survey		Senior Exit Survey		
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors	Average
21	92.4	3	4	100%	11	4.33

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2022-2023 and in 2024-2025.
- No action is required.

15. SLO 15 Sustainable Construction

Understand basic principles of sustainable construction.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher
- Assessment tool: Blackboard quiz
- Semester: Fall 2024
- Instructor: Dr. Euysep Shim

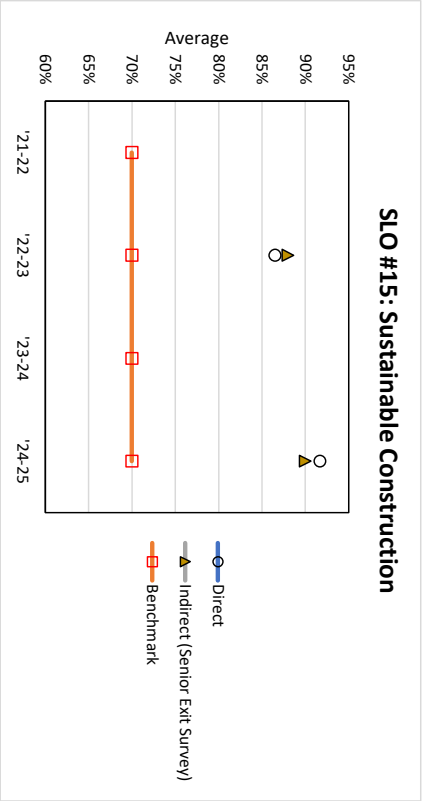
2022-2023			2024-2025		
Course	Number of students	Average score	Course	Number of students	Average score
EGR451 Project and Construction Management	25	86.5%	CON105 Introduction to Construction Management	29	91.7%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2022-2023		2024-2025				
Students' Perception		Employer Survey		Senior Exit Survey		
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors	Average
25	88.0	5	6	100%	11	4.50

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2022-2023 and in 2024-2025.
- No action is required.

16. SLO 16 Building Structure

Understand the basic principles of structural behavior.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70 or higher

	Number of students	Average score
CON340 Building Structures	26	84.2%

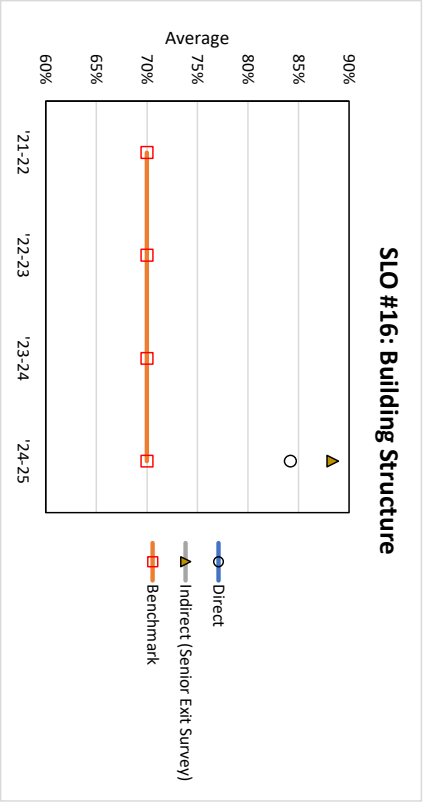
- Assessment tool: Final exam
- Semester: Spring 2025
- Instructor: Dr. Yeeseok Kim
- This SLO was planned to be assessed in 2022-2023, but the assessment was not conducted.

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

Employer Survey		Senior Exit Survey		
Number of Employers	Number of graduates	Average	Number of seniors	Average
6	8	100%	11	4.42

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved in 2024-2025.
- No action is required.

17. SLO 17 MEP

Understand the basic principles of HVAC, electrical and plumbing systems.

1) Analysis of SLO Measure Results: Direct Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Assessment tool: Two exams
- Semester: Fall 2024
- Instructor: Dr. Yeeseok Kim

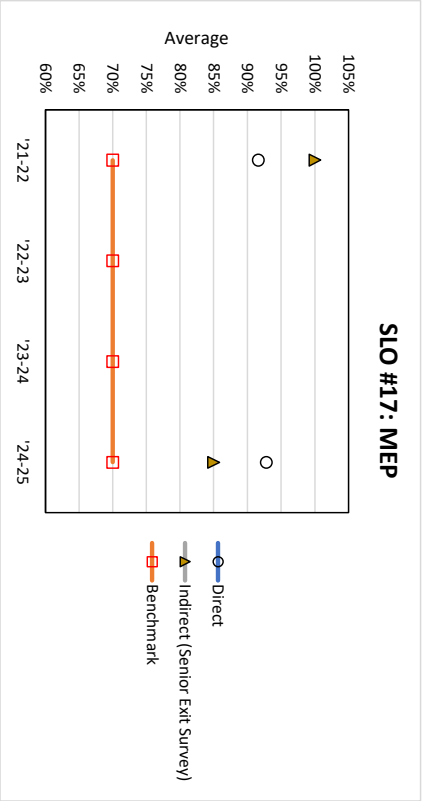
Course	2021-2022		2024-2025	
	Number of students	Average score	Number of students	Average score
CON470 Mechanical, Electrical, Piping Construction	4	91.6%	24	92.8%

2) Analysis of SLO Measure Results: Indirect Measure

- Completed every year according to the CM Assessment Plan. This plan was changed from 2024-2025 academic year. It used to be assessed once per three years.
- Benchmark: average score to be 70% or higher for Employer Survey and 3.5 or higher for Senior Exit Survey
- Semester: Fall 2024 and Spring 2025

2021-2022		2024-2025			
Students' Perception		Employer Survey		Senior Exit Survey	
Number of responses	Average	Number of employers	Number of graduates	Average	Number of seniors
4	100.0	8	10	100%	11

3) Trends of the SLO Measure Results in the Past 4 Years



4) Results & Action Plan

- The student learning outcome was achieved both in 2021-2022 and in 2024-2025.
- No action is required.