

**PROGRAM ASSESSMENT DASHBOARD (FALL 2020)**

ITEM(S) ASSESSED	ASSESSMENT INSTRUMENT	FREQUENCY/ LAST ASSESSMENT DATE/ EVIDENCE	EXPECTED OUTCOME	ACTUAL OUTCOME	OBJECTIVE SATISFIED?	RESPONSE- ACTION TAKEN/ RECOMMENDED (DATE)	FOLLOW-UP ON ACTION TAKEN/ RECOMMENDED LOOP CLOSED? (DATE)		
Review of SCMT Mission, Vision, Strategic Plan (Core Values)	SCMT Faculty Annual Review	Annual/ Special School Meeting (May 15, 2020)/ Meeting Minutes	Statements/ documents are still relevant.	Statements/ documents still provide a good roadmap for fulfilling our mission.	YES	No further action required.	NA		
Review of SCMT Goals	SCMT Faculty Annual Review	Annual/ Special School Meeting (May 15, 2020)/ Meeting Minutes	Goals are still relevant.	Five strategic goals are still relevant and provide a good roadmap for fulfilling our mission.	YES	No further action required.	NA		
Review of Undergraduate Program Goals	SCMT Faculty Annual Review	Annual/ Special School Meeting (May 15, 2020)/ Meeting Minutes	Goals are still relevant.	Undergraduate Program Goals are still relevant and provide a good roadmap for fulfilling our mission.	YES	No further action required.	NA		
<b>NOTE: Assessment of the two Program Objectives (Serve the Students and Serve the Industry) is operationalized by assessing the progress on the the following 3 Goals:</b>									
GOAL 1	Assessment of <b>Goal 1:</b> Maintain a high-quality curriculum content and learning environment that will graduate the most sought-after entry-level construction management professionals.	1.1 Tracking the number of companies attending construction management career fairs	Every semester	The number of companies attending the fall and spring career fairs is greater than the number of students graduating that academic year.	Goal is met. (348/123 AY 18-19; 342/136 AY 19-20)	YES	No further action required.	NA	
		1.2 Placement/ Salary Survey (Tracking the job placement statistics) for May graduates	Every semester	Job placement rate is greater than 90%.	Goal is met (98% - May 2018; 97% - May 2019; 76%** - May 2020 - unusually low response received)	YES	No further action required.	NA	
		1.3 Retention rate	Every semester (Fall 2020)	90% retention rate.	Goal is met (90.2% Fall 2020)	YES	No further action required.	NA	
GOAL 2	Assessment of <b>Goal 2:</b> Provide a unique learning environment based on the Polytechnic's 10 Elements of Transformation.	Multiple tools are used to measure progress on the 10 Elements of Transformation.		<b>NOTE:</b> for full information see the Report					
		<a href="#">THEORY-BASED APPLIED LEARNING</a>	% of courses using these methods		90%	Goal is met (91% Spring 2019)	YES	No further action required.	NA
		<a href="#">TEAM PROJECT-BASED LEARNING</a>	% of courses using these methods		70%	Goal is met (80% Spring 2019)	YES	No further action required.	NA
		<a href="#">MODERNIZED TEACHING METHODS</a>	% of faculty completing IMPACT training Students evaluations/ Senior exit surveys		75%	Goal is met (80% Spring 2019)	YES	No further action required.	NA
		<a href="#">INTEGRATED LEARNING-IN-CONTEXT CURRICULUM</a>	Industry panel feedback in CM 200, CM 250, BCM 487, CM 450, ETC...				YES	No further action required.	NA
		<a href="#">INTEGRATED HUMANITIES STUDIES</a>	Plan of Study (POS) includes 21 Credit Hours of humanities and social sciences				YES	No further action required.	NA
		<a href="#">COMPETENCY CREDENTIALING</a>	-			CMT does not offer a competency-based credentials or program.	NO	The dean recommended work in this area be suspended.	NA
		<a href="#">SENIOR CAPSTONE PROJECTS</a>	Industry panels/ Exit surveys/				YES	No further action required.	NA
		<a href="#">INTERNSHIPS</a>	CAC engagement/ Employer feedback/ Students feedback				YES	No further action required.	NA
		<a href="#">GLOBAL/CULTURAL IMMERSIONS</a>	Pre-Post IDI Participation/ Rates in Study Abroad				YES	No further action required.	NA
	<a href="#">FACULTY-TO-STUDENT MENTORSHIP</a>	Student Feedback and % of Faculty involved			YES	No further action required.	NA		
GOAL 3	Assessment of <b>Goal 3:</b> Maintain ACCE accreditation of the BS program.			Receive accreditation.	YES	No further action required.	NA		
<b>NOTE: The Program has one Learning Outcome: Meet all 20 ACCE Student Learning Outcomes (SLOs)</b>									
SLOs	SLOs (Direct Measures)	CM 21000	Every semester (Fall 2020)	70% pass rate of combined "developing", "proficiency", and "emerging" scores	SLOs 5, 10, 13, 17, and 19 are "underperforming".	NO	We discussed these SLOs in our Special Faculty/Staff School meeting held on November 13, 2020. It was decided that we conduct a deep-dive analysis in one of our 3 half-day retreats that are scheduled in December (December 4, 8, and 10, 2020).	NA	
	SLOs (Direct Measures)	CM 41000	Every Semester/ Spring 2021	Every semester (Fall 2020)	We will start measuring SLOs in CM 410 starting Spring 2021.	-		NA	
	SLOs (Indirect Measures)	CM 21000	Every semester (Fall 2020)	70% pass rate of combined "strongly agree", "agree", and "somewhat agree" responses		YES	No further action required.	NA	
	SLOs (Indirect Measures)	CM 41000	Every Semester/ Spring 2021	80% pass rate of combined "strongly agree", and "agree" responses	We will start measuring SLOs in CM 410 starting Spring 2021.	-		NA	
	SLOs (Indirect Measures)	Seniors Exit Survey	Every semester (Fall 2020)	>80% of "strongly agree" and "agree" responses	SLOs 11, 14, 19, and 20 are "underperforming".	NO	More data to be collected before we can decide about specific changes.	NA	
	Various	Senior Exit Survey	Every Semester/ Fall 2020			YES	No further action required.	NA	
Various	Employer Survey	3-year Surveys/ Starting Spring 2024					NA		
Various	Alumni Survey	3-year Surveys/ Starting Spring 2024					NA		
Various	Town Halls	Every semester (October 23, 2020)/ Meeting Minutes			YES	Many recommendations discussed and implemented (see Meeting Minutes for specific information)	NA		
Various	Student Course Evaluations	Every semester			YES	No further action required.	NA		
Various	Survey of PEER Institutions	Annual (2020)			YES	No further action required.	NA		

GOAL 1.1

**GOAL 1.1 TARGET:** The number of companies attending the fall and spring career fairs is greater than the number of students graduating that academic year (B/A >

ACADEMIC YEAR (AY)	AY 2018-19	AY 2019-20	AY 2020-21
A: BS DEGREES AWARDED	123	136	

SEMESTER	Fall 2018	Fall 2019	Fall 2020
No. of Companies Attending CM Career Fair	189	198	128
	Spring 2019	Spring 2020	Spring 2021
	159	144	
B: TOTAL for Academic Year:	348	342	128

	2018-2019	2019-2020	OBJECTIVE SATISFIED?	RESPONSES/ ACTION(S) TAKEN
ACTUAL RESULT FOR GOAL 1.1 (B/A):	2.8	2.5	YES	No further action required.

GOAL 1.2

**GOAL 1.2 TARGET: Job placement rate is greater than 90%.**

	2015	2016	2017	2018	2019	OBJECTIVE SATISFIED?	RESPONSES/ ACTION(S) TAKEN
<b>JOB PLACEMENT (%)</b>	96.88%	100%	92.96%	96.97%	91.57%	YES	No further action required.
<b>AVERAGE SALARY (\$)</b>	\$56,158	\$57,962	\$58,191	\$61,683	\$63,312		

Data maintained by CCO

GOAL 1.3

**GOAL 1.3 TARGET: Retention rate is greater than 90%.**

SEMESTER	Fall 2018	Fall 2019	Fall 2020	OBJECTIVE SATISFIED?	RESPONSES/ ACTION(S) TAKEN
RETENTION (%)	92.2	91.3	90.2	YES	No further action required.

CM 210: SLO - DIRECT MEASURES				OBJECTIVE SATISFIED?	RESPONSE/ ACTION TAKEN?
	FALL 2019	SP 2020	FALL 2020		
SLO 1: Create written communications appropriate to the construction discipline	97%	74%	89%	YES	No further action required.
SLO 2: Create oral presentations appropriate to the construction discipline	100%	90%	100%	YES	No further action required.
SLO 3: Create a construction project safety plan	100%	90%	49%	YES	No further action required.
SLO 4: Create construction project cost estimates	77%	86%	84%	YES	No further action required.
SLO 5: Create construction project schedules	63%	50%	74%	NO	We discussed this SLO in our Special Faculty/Staff School meeting held on November 13, 2020. It was decided that we conduct a deep-dive analysis in one of our 3 half-day retreats that are scheduled in December (December 4, 8, and 10, 2020).
SLO 6: Analyze professional decisions based on ethical principles	63%	95%	69%	YES	No further action required.
SLO 7: Analyze construction documents for planning and management of construction processes	97%	100%	100%	YES	No further action required.
SLO 8: Analyze methods, materials, and equipment used to construct project	97%	83%	86%	YES	No further action required.
SLO 9: Apply construction management skills as a member of a multi-disciplinary team	97%	90%	95%	YES	No further action required.
SLO 10: Apply electronic-based technology to manage the construction process	43%	24%	16%	NO	We discussed this SLO in our Special Faculty/Staff School meeting held on November 13, 2020. It was decided that we conduct a deep-dive analysis in one of our 3 half-day retreats that are scheduled in December (December 4, 8, and 10, 2020).
SLO 11: Apply basic surveying techniques for construction layout and control	93%	90%	97%	YES	No further action required.
SLO 12: Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process	97%	93%	89%	YES	No further action required.
SLO 13: Understand construction risk management	70%	55%	68%	NO	We discussed this SLO in our Special Faculty/Staff School meeting held on November 13, 2020. It was decided that we conduct a deep-dive analysis in one of our 3 half-day retreats that are scheduled in December (December 4, 8, and 10, 2020).
SLO 14: Understand construction accounting and cost control	97%	90%	92%	YES	No further action required.
SLO 15: Understand construction quality assurance and control	83%	76%	74%	YES	No further action required.
SLO 16: Understand construction project control processes	83%	86%	74%	YES	No further action required.
SLO 17: Understand the legal implications of contract, common, and regulatory law to manage a construction project	53%	60%	58%	NO	We discussed this SLO in our Special Faculty/Staff School meeting held on November 13, 2020. It was decided that we conduct a deep-dive analysis in one of our 3 half-day retreats that are scheduled in December (December 4, 8, and 10, 2020).
SLO 18: Understand the basic principles of sustainable construction	77%	98%	92%	YES	No further action required.
SLO 19: Understand the basic principles of structural behavior	43%	64%	50%	NO	We discussed this SLO in our Special Faculty/Staff School meeting held on November 13, 2020. It was decided that we conduct a deep-dive analysis in one of our 3 half-day retreats that are scheduled in December (December 4, 8, and 10, 2020).
SLO 20: Understand the basic principles of mechanical, electrical and piping systems	83%	93%	87%	YES	No further action required.

CM 210: SLO - INDIRECT MEASURES				OBJECTIVE SATISFIED?	RESPONSE/ ACTION TAKEN?
	FALL 2019	SP 2020	FALL 2020		
SLO 1: Create written communications appropriate to the construction discipline	87%	95%	97%	YES	No further action required.
SLO 2: Create oral presentations appropriate to the construction discipline	87%	86%	97%	YES	No further action required.
SLO 3: Create a construction project safety plan	57%	76%	90%	YES	No further action required.
SLO 4: Create construction project cost estimates	73%	62%	77%	YES	No further action required.
SLO 5: Create construction project schedules	77%	79%	85%	YES	No further action required.
SLO 6: Analyze professional decisions based on ethical principles	90%	100%	95%	YES	No further action required.
SLO 7: Analyze construction documents for planning and management of construction processes	93%	79%	87%	YES	No further action required.
SLO 8: Analyze methods, materials, and equipment used to construct project	93%	83%	90%	YES	No further action required.
SLO 9: Apply construction management skills as a member of a multi-disciplinary team	93%	95%	97%	YES	No further action required.
SLO 10: Apply electronic-based technology to manage the construction process	87%	93%	92%	YES	No further action required.
SLO 11: Apply basic surveying techniques for construction layout and control	90%	79%	85%	YES	No further action required.
SLO 12: Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process	90%	83%	87%	YES	No further action required.
SLO 13: Understand construction risk management	87%	81%	92%	YES	No further action required.
SLO 14: Understand construction accounting and cost control	63%	62%	85%	YES	No further action required.
SLO 15: Understand construction quality assurance and control	90%	81%	92%	YES	No further action required.
SLO 16: Understand construction project control processes	83%	81%	95%	YES	No further action required.
SLO 17: Understand the legal implications of contract, common, and regulatory law to manage a construction project	73%	74%	82%	YES	No further action required.
SLO 18: Understand the basic principles of sustainable construction	90%	95%	97%	YES	No further action required.
SLO 19: Understand the basic principles of structural behavior	87%	83%	92%	YES	No further action required.
SLO 20: Understand the basic principles of mechanical, electrical and piping systems	77%	83%	72%	YES	No further action required.

SLOs: SENIORS EXIT SURVEY

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

**How do you feel CM prepared you for the related Student Learning Outcome (SLO)?**

**Expected Outcome: (Strongly Agree + Agree) > 80%?**

<b>FALL 2020</b>	94%	100%	94%	94%	88%	100%	100%	82%	94%	94%	71%	94%	94%	65%	94%	94%	88%	100%	76%	76%
<b>Objective Satisfied?</b>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES	YES	NO	NO
<b>Response/ Action Taken</b>	None.	None.	None.	None.	None.	None.	None.	None.	None.	None.	See Note 1	None.	None.	See Note 1	None.	None.	None.	None.	See Note 1	See Note 1

**Note 1:** It was decided that we need more data to collect in order to suggest specific changes.

SENIOR EXIT SURVEY

	TARGET	ACTUAL		OBJECTIVE SATISFIED?	RESPONSE/ ACTION TAKEN
		FALL 2020	SPRING 2021		
Number of Students Graduating:	-	26			
Number Participating in Survey:	-	25			
Response Rate:	-	96%			
% of Students Rating their Experience "Highly Valuable" or "Valuable":	>80%	84%		YES	No further action required.
% of Students Rating their Internship Experience as "Great" or "Good":	>70%	83%		YES	No further action required.
% of Students Rating the 800-hour Work Experience "Very Valuable":	>80%	92%		YES	No further action required.
Average % of Faculty Who Are Considered "Very Effective" or "Most Times Effective":	>70%	76%		YES	No further action required.
Average % of Courses That Are Considered of "High Quality" or "Average Quality":	>80%	84%		YES	No further action required.
Average % of Facilities That Are Considered "Very Effective" or "Most Times Effective":	>70%	76%		YES	No further action required.
% of Students that Belonged to CMT Student Organizations/ Clubs:	>40%	46%		YES	No further action required.
% of Students Participating in Study Abroad Program:	>10%	13%		YES	No further action required.
% of Students Rating Their Study Abroad Experience as "Excellent" or "Great":	>70%	100%		YES	No further action required.