

# 2023-2024 CM Program Goal & Objective Assessment Report

## CM Program Goals

In pursuit of the two-fold program vision, the CM program plans to make continuous commitments to achieve the following four goals:

**Vision I.** Become an academic incubator nurturing the next-generation believers to become essential assets to the community and serve the world.

**Goal 1. Program stability:** The program will maintain and improve program enrollment in collaboration with the CoE leadership and the CBU Career Center.

**Goal 2. Industry and community engagement:** The program will create and maintain partnerships with the peer institutions, local industry, and community to benefit student learning and career development.

**Vision II.** Provide a unique learning environment where students enjoy their time with the faculty and find their learning fun and fruitful.

**Goal 3. Scholarly Activities:** The program will provide an atmosphere where faculty can be committed to quality education, research, and professional development and offer students with guidance to become life-long learners in construction management fields.

**Goal 4. Continuous quality education:** The program will maintain quality education in construction management and help students understand Christian's role in fulfilling the Great Commission in the built environment.

## Goal 1. Program stability

The program will maintain and improve program enrollment in collaboration with the CoE leadership and the CBU Career Center\*.

Strategy	Target	Objective Achieved	Response/ Action
1. Collaborate with the CM programs at regional community colleges for recruiting.	Three new transfers from regional community colleges in 2021 and one additional per year	Yes	To continue to collaborate with community colleges for recruiting.
2. Visit local high schools by CM program alumni.	Two new recruits through alumni high school visits in 2021 and one additional per year	No	CM student ambassador program will be launched in 2024.
3. Develop alternate delivery of courses through online or hybrid delivery.	Two new courses per year until all CM courses can become available for remote instruction	Yes	To continue to update course contents for remote learning.
4. Provide and improve placement services for employment and career opportunities for students.	Placement of 70% of graduating seniors through the CoE placement services in 2021 and 5% increase per year	Yes	No action required.

### • Achievement Data

Strategies	2020	2021		2022		2023		2024		2025	
	Benchmark	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual
1	2	3	6	4	7	5	9	6	6		
2	COVID	2	COVID	3	None	4	None	5	None		
3	8	2 new	All CM courses are available for remote instruction since COVID pandemic.								
4	43%***	70%	100%	75%	100%	80%	100%	85%	100%		

### • Analysis & Discussion

- Strategy #1: Collaborate with the CM programs at regional community colleges for recruiting.
  - The number of transfer students from community colleges has increased from 2020 and six transfer students were recruited in 2023-24.
  - This objective was achieved in 2023-24.
- Strategy #2: Visit local high schools by CM program alumni.
  - No CM student has been sent to their high school for recruiting since the COVID 2020.
  - This objective was NOT achieved in 2023-24.
  - CM student ambassador program will be launched in 2024 to assist high school student recruiting .
- Strategy #3: Develop alternate delivery of courses through online or hybrid delivery.
  - All CM courses are available for remote instruction since the COVID pandemic.
  - This objective was achieved in 2023-24.

- Strategy #4: Provide and improve placement services for employment and career opportunities for students.
  - All the eight CM graduates in 2023-24 secured permanent jobs (100%).
  - The career fair for the CoE was held in Fall 2023 to provide placement services.
  - Several ‘info sessions’ in which construction companies (employers) come to CBU campus and introduce job opportunities were organized through Architecture, Engineering, and Construction (AEC) club events.
  - This objective was achieved in 2023-24.

## Goal 2. Industry and community engagement

The program will create and maintain partnerships with the peer institutions, local industry, and community to benefit student learning and career development.

Strategy	Target	Objective Achieved	Response/ Action
1. Increase K-12 outreach efforts through the partnership with Christian schools.	One activity in 2021 and one additional per year in the following years	No	To seek for collaboration opportunities with K-12 schools.
2. Increase partnership with industries and businesses for training and other professional development activities of their employees.	One activity** in 2021 and one additional per year in the following years	No	CM faculty was encouraged to provide training/ educational sessions for industry partners.
3. Visit project sites through field trip to regional companies or project sites.	At least one field trip per semester	Yes	No action required.

### • Achievement Data

Strategies	2020	2021		2022		2023		2024		2025	
	Benchmark	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual
1	COVID	1	1	2	3	3	2	4	1		
2	COVID	1	COVID	2	None	3	None	4	None		
3	COVID	2	COVID	2	1	2	1	2	2		

### • Analysis & Discussion

- Strategy #1: Increase K-12 outreach efforts through the partnership with Christian schools.
  - Only one K-12 outreach activity was completed in 2023-24: the CECM Summer Camp.
  - This objective was NOT achieved in 2023-24.
  - The CM director will seek for collaboration/ connection with K-12 schools along with the CoE office of strategic Initiatives.

- Strategy #2: Increase partnership with industries and businesses for training and other professional development activities of their employees.
  - No activities for training/ professional development for industry partners was performed in 2023-24.
  - This objective was NOT achieved in 2023-24.
  - CM faculty was encouraged to provide education/ training session for industry partners.
  
- Strategy #3: Visit project sites through field trip to regional companies or project sites.
  - Two construction job sites were visited by CM students in 2023-24.
  - This objective was achieved in 2023-24.

### Goal 3. Scholarly activities

The program will provide an atmosphere where faculty can be committed to quality education, research, and professional development and offer students with guidance to become life-long learners in construction management fields.

Strategy	Target	Objective Achieved	Response/ Action
1. Maintain faculty participation in research publication in its respective field of study.	Minimum two publications per faculty member per year	No	CM faculty is encouraged to participated in research through collaboration.
2. Maintain the level of faculty participation in professional societies.	Minimum three activities** per faculty member per year	No	CM faculty is encouraged to get involved in or participate in professional activities and look for professional development opportunities.
3. Maintain the number of scholarly activities by faculty and undergraduate students.	Minimum One scholarly activity advising per faculty member per year	No	<u>CM faculty is encouraged to promote students' academic activity and advise them.</u>

#### • Achievement Data

Strategies	2020	2021		2022		2023		2024		2025	
	Benchmark	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual
1	3	4	0	4	0	4	0	4	0		
2	5	6	5	6	6	6	5	6	1		
3	1	2	1	2	3	2	3	2	0		

#### • Analysis & Discussion

- Strategy #1: Maintain faculty participation in research publication in its respective field of study.
  - No faculty research was published in 2023-24.
  - This objective was NOT achieved in 2023-24.

- The CM faculty members are encouraged to participate in applied research through collaboration.
- Strategy #2: Maintain the level of faculty participation in professional societies.
  - CM faculty attended only one professional event in 2023-24.
  - This objective was NOT achieved in 2023-24.
  - CM faculty is encouraged to get involved in or participate in professional activities and look for professional development opportunities.
- Strategy #3: Maintain the number of scholarly activities by faculty and undergraduate students.
  - CM faculty did not advise any student’s scholarly activities in 2023-24.
  - This objective was NOT achieved in 2023-24.
  - Two construction job sites were visited by CM students in 2023-24.
  - CM faculty is encouraged to promote students’ academic activity and advise them.

#### Goal 4. Continuous quality education

The program will maintain quality education in construction management and help students understand Christian’s role in fulfilling the Great Commission in the built environment.

Strategy	Target	Objective Achieved	Response/ Action
1. Increase student participation in extra-curricular activities, e.g. student academic competitions or community service projects in program related fields.	Two extra-curricular events in 2021 and one additional per year	No	CM faculty will promote participation in new student competition (NAHB) and service projects (Habitat for Humanity).
2. Increase the opportunities for student engagement with professional society events.	10% increase per year in the number of students	No	No action required.
3. Host an on-campus open forum, either in-person or online, with the program students.	At least one open forum per semester	No	<u>CM faculty will start open forum meetings to communicate and update CM students regarding changes in the CM program and learning environment</u>

#### • Achievement Data

Strategies	2020	2021		2022		2023		2024		2025	
	Benchmark	Target	Actual	Target	Actual	Target	Actual	Target	Actual	Target	Actual
1	1	2	2	3	2	4	2	5	3		
2	None**	7	14	8	14	9	29	10	29		
3	None	2	COVID	2	None	2	None	2	None		

- **Analysis & Discussion**

- Strategy #1: Increase student participation in extra-curricular activities, e.g. student academic competitions or community service projects in program related fields.
  - Three teams (design-build, preconstruction and heavy-civil) participated in 2024 Reno student competition in 2023-24.
  - This objective was NOT achieved in 2023-24.
  - The CM faculty will promote CM students to participate in student competitions and consider participation in new types of competitions such as NAHB competition.
  - The CM faculty will promote CM students to involved in service projects/opportunities such as Habitat for Humanity.
- Strategy #2: Increase the opportunities for student engagement with professional society events.
  - 29 students participated in two professional events: 2024 ASC regional conference and competition and 2024 AGC of California Conference.
  - This objective was achieved in 2023-24.
- Strategy #3: Host an on-campus open forum, either in-person or online, with the program students.
  - CM faculty did not host any formal meetings with CM students to promote communication between CM faculty and students since the COVID Pandemic. Instead, informal meetings and communication were hosted through email and club meetings to update CM programs (curriculum change, scholarship and job information, faculty hire updates, career guidance, etc.)
  - This objective was NOT achieved in 2023-24.
  - CM faculty will start open forum meetings to communicate and update CM students regarding changes in the CM program and learning environment.