

Construction Management Alumni Survey Results 2017-2018

36 Respondent's

NOTE: Not all respondents answered every question

1	The year you received your degree in the CMGT program from CSU Chico	2013	2014	2015	2016	2017	Did Not Respond
		0	0	0	19	0	17
		0.0%	0.0%	0.0%	52.8%	0.0%	47.2%

2	What was your academic status upon entering CSU, Chico	Freshman	Community College Transfer	4-Year College Transfer	Other
		22	12	1	1
		61.1%	33.3%	2.8%	2.8%

3	How many total years of college did it take for your to attain your degree in Construction Management?	4	5	6	>6
		13	12	8	3
		36.1%	33.3%	22.2%	8.3%

4	How many years have your worked with your current title and job description?	0	1	2	3	4	>4
		3	7	22	3	0	1
		8.3%	19.4%	61.1%	8.3%	0.0%	2.8%

5	How many promotions have your received since graduation?	0	1	2	3	4	>4
		14	12	7	1	1	1
		38.9%	33.3%	19.4%	2.8%	2.8%	2.8%

6	How many pay raises have you received since graduation?	0	1	2	3	4	>4
		1	9	16	3	5	2
		2.8%	25.0%	44.4%	8.3%	13.9%	5.6%

7	What is your current annual income	< \$41K	\$41-\$60K	\$61-\$80K	\$81-\$100K	>\$100K
		1	0	12	13	10
		2.8%	0.0%	33.3%	36.1%	27.8%

8	In what sector of the industry are you employed?	Commercial Building	Industrial	Heavy Civil	Residential / Multi-Family	Specialty (Sub-contractor)	Other
		11	0	10	4	5	6
		30.6%	0.0%	27.8%	11.1%	13.9%	16.7%
	Other Includes: Public Utility, Public Municipality, Armed Forces						

9	Have you completed additional education and/or trainings?	Conferences	Workshops	Short Courses	Graduate Studies	Other
		18	10	10	0	7
		40.0%	22.2%	22.2%	0.0%	15.6%
	Other Includes: QSP, PMP, AACE, DBIA					

10	How many professionally-related educational opportunities do you attend annually	0	1	2	3	4	>4
		11	10	8	4	2	1
		30.6%	27.8%	22.2%	11.1%	5.6%	2.8%

11	Please indicate how many professionally-related and / or community groups do you currently participate in?	0	1	2	3	4	>4
		17	10	2	5	0	1
		48.6%	28.6%	5.7%	14.3%	0.0%	2.9%

12	How often do you present information to upper management, clients (potential and current), investors?	Daily	Weekly	Monthly	Annually	Seldom	Never
		12	8	8	1	6	1
		33.3%	22.2%	22.2%	2.8%	16.7%	2.8%

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Student Learning Outcomes

In order to help us understand the level of student preparedness you felt entering the workforce, please respond to the following Student Learning Outcomes (SLO) mandated by our accrediting body, the American Council for Construction Education (ACCE)		Strongly Disagree (1)	Disagree (2)	Neutral (3)	Agree (4)	Strongly Agree (5)	Average Score 1-5 Scale
13	1. Create written communications appropriate to the construction discipline.	0	2	1	7	17	4.44
		0.0%	7.4%	3.7%	25.9%	63.0%	
14	2. Create oral presentations appropriate to the construction discipline.	0	3	6	7	11	3.96
		0.0%	11.1%	22.2%	25.9%	40.7%	
15	3. Create a construction project safety plan.	0	5	8	7	7	3.59
		0.0%	18.5%	29.6%	25.9%	25.9%	
16	4. Create construction project cost estimates.	0	2	3	7	15	4.30
		0.0%	7.4%	11.1%	25.9%	55.6%	
17	5. Create construction project schedules.	1	1	2	12	11	4.15
		3.7%	3.7%	7.4%	44.4%	40.7%	
18	6. Analyze professional decisions based on ethical principles.	0	2	0	15	10	4.22
		0.0%	7.4%	0.0%	55.6%	37.0%	
19	7. Analyze construction documents for planning management of construction processes.	0	1	2	9	15	4.41
		0.0%	3.7%	7.4%	33.3%	55.6%	
20	8. Analyze methods, materials, and equipment used to construct projects.	0	1	1	12	13	4.37
		0.0%	3.7%	3.7%	44.4%	48.1%	
21	9. Apply construction management skills as a member of a multidisciplinary team.	0	1	1	11	14	4.41
		0.0%	3.7%	3.7%	40.7%	51.9%	
22	10. Apply electronic based technology to manage the construction process.	0	1	0	13	13	4.41
		0.0%	3.7%	0.0%	48.1%	48.1%	
23	11. Apply basic surveying techniques for construction layout and control.	1	5	9	8	4	3.33
		3.7%	18.5%	33.3%	29.6%	14.8%	
24	12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	0	2	3	13	9	4.07
		0.0%	7.4%	11.1%	48.1%	33.3%	
25	13. Understand construction risk management.	1	2	3	10	11	4.04
		3.7%	7.4%	11.1%	37.0%	40.7%	
26	14. Understand construction accounting and cost control.	0	3	3	13	8	3.96
		0.0%	11.1%	11.1%	48.1%	29.6%	
27	15. Understand construction quality assurance and control.	0	1	3	13	10	4.19
		0.0%	3.7%	11.1%	48.1%	37.0%	
28	16. Understand construction project control processes.	0	1	5	12	9	4.07
		0.0%	3.7%	18.5%	44.4%	33.3%	
29	17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.	0	1	4	8	14	4.30
		0.0%	3.7%	14.8%	29.6%	51.9%	
30	18. Understand the basic principles of sustainable construction.	0	3	5	13	6	3.81
		0.0%	11.1%	18.5%	48.1%	22.2%	
31	19. Understand the basic principles of structural behavior.	0	1	4	13	8	4.08
		0.0%	3.8%	15.4%	50.0%	30.8%	
32	20. Understand the basic principles of mechanical, electrical and piping systems.	1	5	3	13	5	3.59
		3.7%	18.5%	11.1%	48.1%	18.5%	

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Curriculum Content

	Below are Construction Management specific subject areas that you took while enrolled in the CMGT program. Please rate the value of each of the following courses as it relates to the value of your educational experiences?	Not Valuable At All (1)	Seldom Valuable (2)	Somewhat Valuable (3)	Valuable (4)	Highly Valuable (5)	Average Score 1-5 Scale
33	CMGT 100 - Concepts of Construction	1 3.4%	1 3.4%	10 34.5%	8 27.6%	9 31.0%	3.79
34	CMGT 101 - Construction Career Prep (elective)	1 3.7%	3 11.1%	7 25.9%	9 33.3%	7 25.9%	3.67
35	CMGT 110 - Construction Graphics	2 6.9%	6 20.7%	7 24.1%	9 31.0%	5 17.2%	3.31
36	CMGT 135 - Construction Materials and Systems	0 0.0%	0 0.0%	5 17.9%	10 35.7%	13 46.4%	4.29
37	CMGT 210 - Analysis of Construction Drawings and Specifications	0 0.0%	0 0.0%	2 6.9%	5 17.2%	22 75.9%	4.69
38	CMGT 235 - Electrical and Mechanical Systems	2 6.9%	4 13.8%	9 31.0%	7 24.1%	7 24.1%	3.45
39	CMGT 270 - Building Information Modeling (elective)	4 13.8%	6 20.7%	6 20.7%	9 31.0%	4 13.8%	3.10
40	CMGT 275 - Architectural History (elective)	16 55.2%	7 24.1%	3 10.3%	1 3.4%	2 6.9%	1.83
41	CMGT 330 - Principles of Soil Mechanics and Foundations	1 3.4%	5 17.2%	10 34.5%	9 31.0%	4 13.8%	3.34
42	CMGT 332 - Construction Methods Analysis	2 6.9%	1 3.4%	10 34.5%	11 37.9%	5 17.2%	3.55
43	CMGT 335 - Construction Equipment	0 0.0%	1 3.4%	8 27.6%	9 31.0%	11 37.9%	4.03
44	CMGT 340 - Principles of Statics	1 3.4%	3 10.3%	10 34.5%	10 34.5%	5 17.2%	3.52
45	CMGT 345 - Mechanics of Materials	1 3.4%	5 17.2%	10 34.5%	7 24.1%	6 20.7%	3.41
46	CMGT 360 - Construction Project Management	0 0.0%	2 6.9%	5 17.2%	13 44.8%	9 31.0%	4.00
47	CMGT 380 - Green Building Practices and LEED Certification (elective)	5 17.2%	5 17.2%	9 31.0%	6 20.7%	4 13.8%	2.97
48	CMGT 440 - Temporary Structures	0 0.0%	4 13.8%	5 17.2%	11 37.9%	9 31.0%	3.86
49	CMGT 450 - Building Estimating	1 3.4%	0 0.0%	3 10.3%	9 31.0%	16 55.2%	4.34
50	CMGT 455 - Construction Cost Management	1 3.4%	1 3.4%	2 6.9%	10 34.5%	15 51.7%	4.28
51	CMGT 457 - Project Control and Scheduling	0 0.0%	0 0.0%	1 3.4%	7 24.1%	21 72.4%	4.69
52	CMGT 458 - Heavy Construction Estimating	0 0.0%	1 3.4%	6 20.7%	5 17.2%	17 58.6%	4.31
53	CMGT 460 - Legal Aspects of Construction	0 0.0%	0 0.0%	2 6.9%	10 34.5%	17 58.6%	4.52
54	CMGT 462 - Construction Contracts	0 0.0%	2 7.1%	1 3.6%	15 53.6%	10 35.7%	4.18

55	Please indicate your level of preparedness, as a result of your education at CSU, Chico, to enter the construction industry upon graduation?	Not at all prepared (1)	A little prepared (2)	Somewhat prepared (3)	Quite a bit prepared (4)	Very much prepared (5)	Average Score 1-5 Scale
		0 0.0%	0 0.0%	3 10.3%	20 69.0%	6 20.7%	4.10

56	Please indicate your overall rating of the program curriculum relevance to the construction industry?	Not relevant at all (1)	A little relevant (2)	Somewhat relevant (3)	Quite a bit relevant (4)	Very relevant (5)	Average Score 1-5 Scale
		0 0.0%	0 0.0%	5 17.2%	13 44.8%	11 37.9%	4.21

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57	Please list the strengths of the Construction Management Program:
	Choco does a great job of bringing industry and students together. Continues to push internships and the ASC competition.
	Preparing me for the language of construction
	Professors that care about giving the students a good learning experience
	Instructors were all very knowledgeable. They taught relevant information that is currently used in the industry today.
	Teaching us about basics, and how to get in the door with companies to get needed field experience
	Instructors having field experience and connection to industry
	Estimating, scheduling and project controls and CM Contracts I was able to use these skills while working in different industry customer service
	Contract and Management related classes. Industry involvement/ internships
	The core building classes, plan reading, estimating and schedule. Great professors/ transferable skills and knowledge
	Basic principals of scheduling and estimating.
	I use my presentation skills often. I think I have good communication skills from the department.
	The estimating, equipment, scheduling and cost classes are the strong points of the program. They are very relevant.
	All if not most courses are taught by faculty that has field experience so they use real life examples and it is very helpful
	Professor experience in real world situations and student access to speak with professors outside of class
	Hands on, Leadership opportunity, Well rounded, Company pre-sessions, on campus job interviews
	Learn communication skills with other classmates. The curriculum is based off real world experience.
	Alan Bond was a crucial factor in my preparedness. Estimating, reading plans and ASC with Alan helped me immensely.
	Great staff. Alan Bonds classes were the most preparing for what we deal with on a day to day basis. Souder's classes too
	Plan reading, take offs, construction planning, legal, led, spec reading

58	Please list any areas needing improvement in the Construction Management Program:
	Biggest weaknesses in the program- XXXXXXXX, XXXXXXXX, XXXXXXXX.
	More focus on the literature of paperwork
	Push faculty to keep the material current
	Increase instruction of estimating software like Hard Dollar. Teach more Auto CAD or Trimble Business Center programs.
	More class options focused on Heavy Civil
	Be more flexible with the Prerequisite and make the students decide their classes enrollment after consulting the department time management
	Some professor do not provide proper structure or transferable knowledge to industry. Need more professors like Bond and Souder
	More focus on how a building actually goes together. Some students come out not knowing basic things like framing members
	Certain teachers and staff were extremely effective, some weren't. Move the ones that aren't effective out of major courses.
	Anything not listed above is not very relevant. Most other classes are specialties once with a construction firm.
	MEPF trade emphasis
	Updated information relevant to the real world and teacher effort in a few classes
	Updated material (to much focus on the past), More paths into heavy civil, residential, industrial and MEP, not just commercial
	Update classroom facilities.
	Hands on building in classes, not just community service projects.
	Get rid of XXXXXXXX and XXXXXXXX. We need young teachers fresh from industry with the knowhow of today's industry leaders.
	Excel, BIM, accounting, contract analysis, MEP class

59	Please list any specific feedback you have on the Construction Management curriculum:
	some professors do the bare minimum which isn't helpful, especially since students are paying to be there
	This program prepared me extremely well for entering the industry. Great instructors who know what is important to teach.
	Good to get an overall understanding of the Construction Management Industry
	Sophomore year students are only able to enroll in 1 major class each semester which I feel that they can take 1+ major class
	good staff
	Contracts class is a must. Engineering type classes are not directly relevant.
	Overall great curriculum. Would have liked more classes taught for someone going into a Superintendent role.
	Get rid of the architectural classes. They are not relevant... update the soils classes. Include concrete items.
	More classes focused in scheduling, estimating/change orders, and written and oral communication
	The curriculum for 300 and 400 classes need to be more updated to current industry standards
	Its great all the opportunities to gain experience outside of the classroom.
	Overall, it was a great experience with the professors that had experience in the construction industry.
	Great program. Might even consider teaching someday to make it better.
	More focus on MEP trades, excel sheets, change orders, and writing RFIs

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60	Please share any other comments/feedback you have regarding the Construction Management program:
	The program as a whole has amazing opportunities if you're willing to do the work and take advantage of them
	Great program to get people into the industry
	Great staff and amazing departments that creates a good environment for the CM students
	How to lead people effectively is not addressed in college. Its odd because it is the number one priority in industry.
	Loved my time there. Some really great professor who will be lifetime friends/resources as I progress in my career.
	Great program and proud to be a Chico CM Alumni.
	Each class solely depends on the professor. Just because they have tenure doesn't mean they are good professors
	The recruitment program is excellent. The blitz builds were awesome.