

**ECC Graduating Senior Exit Survey
Results AY 2018-2019**

College of ECC Questions - 76 Respondents

Educational Satisfaction		
	At Chico State, how satisfied were you with the . . .	Average Score 1-5 Scale
1	Quality of teaching by faculty in your department	4.39
2	Quality of teaching by other faculty	4.04
3	Access to faculty in your department	4.57
4	Availability of courses in your department	4.50
5	Quality of courses in your department	4.20
6	Access to lab facilities and equipment	4.51
7	Quality of laboratories and equipment	4.18
8	Access to computer facilities	4.54
9	Quality of computer facilities	4.21
10	Academic advising from your major advisor	4.30
11	Academic advising from the Advising Office	4.08
12	Career information from your department	4.67
13	Availability of GE courses	4.07
14	Quality of GE courses	3.82
15	Overall quality of your education	4.37
16	Your overall experience at Chico State	4.62

Educational Outcomes		
	Based on your educational experience here at Chico State, how well prepared are you to ...	Average Score 1-5 Scale
17	Apply knowledge of math, science, engineering, or technology to solve problems	4.36
18	Design and conduct experiments	4.23
19	Analyze and interpret data	4.32
20	Design a component or system to meet desired needs	4.25
21	Function on a multidisciplinary team	4.53
22	Identify, formulate, and solve technical problems	4.41
23	Communicate technical matters in writing	4.36
24	Communicate technical matters orally	4.34
25	Understand & apply professional & ethical principles	4.53
26	Understand contemporary issues facing society	4.42
27	Use modern tools and technology	4.50
28	Enter the workplace	4.47
29	Continue learning	4.53
30	I would recommend my major at CSU, Chico to others	4.84

Responses to questions 31-38 have been excluded from this report.

39	How many job offers have you received?	None	One	Two	Three	Four +	
		5	19	22	15	10	
		7.0%	26.8%	31.0%	21.1%	14.1%	

40	Do you currently have a job offer that you are likely to accept?	Yes	No				
		82.2%	17.8%				
	What will be your starting annual salary?	< \$50,000	\$50-60,000	\$61-70,000	\$71-80,000	\$81-90,000	>\$91,000
		0	3	16	34	6	2
		0.0%	4.9%	26.2%	55.7%	9.8%	3.3%

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Department of Construction Management Questions - 76 Respondents

CMGT-Specific Survey Questionnaire

1	How many companies have you interned with?	One	Two	Three	Four/more		
		31	21	11	11		
		41.9%	28.4%	14.9%	14.9%		

2	If you have accepted a job, what sector of the Construction Industry will you be working in?	Commercial Building	Industrial	Heavy Civil	Mixed Use / Residential	Specialty (Sub-contractor)	Other
		48	3	14	9	10	2
		55.8%	3.5%	16.3%	10.5%	11.6%	2.3%

3	Where you involved in student activities or clubs?	Yes	No				
		50	26				
		65.8%	34.2%				
	If yes, what activities or clubs were you involved in?	AGC	DBIA	MCAA	Sigma Lambda Chi	Other	
		32	12	4	8	11	
		47.8%	17.9%	6.0%	11.9%	16.4%	

4	Did you compete, or volunteer, at the ASC Competition in Sparks, NV?	Yes	No				
		41	35				
		53.9%	46.1%				
	If yes, what team(s) did you compete on?	Volunteer	Commercial Building	Mixed use	Heavy Civil	Mechanical	Risk
		13	3	2	4	2	0
		40.6%	9.4%	6.3%	12.5%	6.3%	0.0%
			Design Build	Electrical	Other		
			1	5	2		
			3.1%	15.6%	6.3%		

5	Did you participate in any community service projects sponsored by the Department of Construction Management	Yes	No				
		27	49				
		35.5%	64.5%				
	If yes, what project(s) did you work on?	Caper Acres	Patrick Ranch	Children's Museum	Camp Lassen	Child Development	Other
		9	4	5	7	3	4
		28.1%	12.5%	15.6%	21.9%	9.4%	12.5%

6	How well do you believe that your degree in Construction Management has prepared you for your career in the industry? (note: same question is asked in the Alumni Survey)	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	11	35	28	4.23
		0.0%	0.0%	14.9%	47.3%	37.8%	

7	Regarding your majors academic curriculum rigor, how were your expectations met?	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	1	14	24	34	4.25
		0.0%	1.4%	19.2%	32.9%	46.6%	

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CMGT-Specific Survey Questionnaire

8	Below are the names of the Department faculty; please rate the overall effectiveness of each person you have had for one or more courses	Not effective at All (1)	Seldom Effective (2)	Somewhat Effective (3)	Usually Effective (4)	Very Effective (5)	Average Score 1-5 Scale
	Joel Arthur - 16 Raters	0 0.0%	3 18.8%	2 12.5%	4 25.0%	7 43.8%	3.94
	Alan Bond - 71 Raters	0 0.0%	0 0.0%	2 2.8%	3 4.2%	66 93.0%	4.90
	Patrick Brittle - 70 Raters	0 0.0%	1 1.4%	3 4.3%	20 28.6%	46 65.7%	4.59
	Mike Borzage - 67 Raters	5 7.5%	6 9.0%	16 23.9%	21 31.3%	19 28.4%	3.64
	Lori Brown - 63 Raters	0 0.0%	2 3.2%	7 11.1%	14 22.2%	40 63.5%	4.46
	Brendan Coakley - 40 Raters	0 0.0%	1 2.5%	4 10.0%	17 42.5%	18 45.0%	4.30
	Denny Gier - 59 Raters	3 5.1%	10 16.9%	12 20.3%	16 27.1%	18 30.5%	3.61
	Rich Holman - 72 Raters	0 0.0%	0 0.0%	3 4.2%	9 12.5%	60 83.3%	4.79
	Williem Kymmell - 62 Raters	2 3.2%	11 17.7%	19 30.6%	13 21.0%	17 27.4%	3.52
	Scott McCutcheon - 18 Raters	0 0.0%	0 0.0%	0 0.0%	2 11.1%	16 88.9%	4.89
	John Schwarz - 73 Raters	0 0.0%	0 0.0%	1 1.4%	6 8.2%	66 90.4%	4.89
	Chris Souder - 73 Raters	8 11.0%	8 11.0%	14 19.2%	25 34.2%	18 24.7%	3.51
	Rovane Younger - 69 Raters	14 20.3%	19 27.5%	15 21.7%	8 11.6%	13 18.8%	2.81
	Marie Patterson - 15 Raters	0 0.0%	0 0.0%	1 6.7%	4 26.7%	10 66.7%	4.60
	Tyler Spangler - 12 Raters	2 16.7%	1 8.3%	6 50.0%	1 8.3%	2 16.7%	3.00
	Brian Old - 70 Raters	0 0.0%	0 0.0%	3 4.3%	23 32.9%	44 62.9%	4.59
	Jamie Cochran - 22 Raters	0 0.0%	1 4.5%	9 40.9%	6 27.3%	6 27.3%	3.77
	Michael Guzzi - 68 Raters	0 0.0%	0 0.0%	1 1.5%	8 11.8%	59 86.8%	4.85

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CMGT-Specific Survey Questionnaire

9	Below are Construction Management specific subject areas that you took while enrolled in the CMGT program. Please rate the value of each course as it relates to the value of your educational experience	Not Valuable At All (1)	Seldom Valuable (2)	Somewhat Valuable (3)	Valuable (4)	Highly Valuable (5)	Average Score 1-5 Scale
	CMGT 100 - Concepts of Construction	0 0.0%	1 1.6%	5 7.9%	24 38.1%	33 52.4%	4.41
	CMGT 101 - Construction Career Prep (elective)	2 4.8%	1 2.4%	9 21.4%	12 28.6%	18 42.9%	4.02
	CMGT 110 - Construction Graphics	2 3.3%	7 11.5%	18 29.5%	16 26.2%	18 29.5%	3.67
	CMGT 135 - Construction Materials and Systems	2 3.0%	0 0.0%	21 31.8%	18 27.3%	25 37.9%	3.97
	CMGT 210 - Analysis of Construction Drawings and Specifications	0 0.0%	0 0.0%	2 2.8%	5 7.0%	64 90.1%	4.87
	CMGT 235 - Electrical and Mechanical Systems	0 0.0%	2 2.8%	12 16.7%	27 37.5%	31 43.1%	4.21
	CMGT 270 - Building Information Modeling (elective)	0 0.0%	2 8.0%	4 16.0%	5 20.0%	14 56.0%	4.24
	CMGT 275 - Architectural History (elective)	1 4.2%	3 12.5%	5 20.8%	4 16.7%	11 45.8%	3.88
	CMGT 330 - Principles of Soil Mechanics and Foundations	1 1.4%	10 14.1%	8 11.3%	29 40.8%	23 32.4%	3.89
	CMGT 332 - Construction Methods Analysis	2 2.8%	3 4.2%	4 5.6%	25 35.2%	37 52.1%	4.30
	CMGT 335 - Construction Equipment	0 0.0%	2 2.8%	3 4.2%	22 30.6%	45 62.5%	4.53
	CMGT 340 - Principles of Statics	1 1.4%	4 5.6%	7 9.7%	27 37.5%	33 45.8%	4.21
	CMGT 345 - Mechanics of Materials	1 1.4%	5 6.9%	6 8.3%	29 40.3%	31 43.1%	4.17
	CMGT 360 - Construction Project Management	1 1.4%	2 2.8%	8 11.1%	28 38.9%	33 45.8%	4.25
	CMGT 380 - Green Building Practices and LEED Certification (elective)	1 2.6%	1 2.6%	3 7.9%	13 34.2%	20 52.6%	4.32
	CMGT 440 - Temporary Structures	5 7.1%	7 10.0%	11 15.7%	27 38.6%	20 28.6%	3.71
	CMGT 450 - Building Estimating	0 0.0%	0 0.0%	4 5.3%	13 17.3%	58 77.3%	4.72
	CMGT 455 - Construction Cost Management	0 0.0%	1 1.4%	6 8.5%	22 31.0%	42 59.2%	4.48
	CMGT 457 - Project Control and Scheduling	0 0.0%	0 0.0%	4 5.6%	17 23.6%	51 70.8%	4.65
	CMGT 458 - Heavy Construction Estimating	1 1.4%	1 1.4%	5 7.1%	16 22.9%	47 67.1%	4.53
	CMGT 460 - Legal Aspects of Construction	0 0.0%	1 1.4%	1 1.4%	10 14.1%	59 83.1%	4.79
	CMGT 462 - Construction Contracts	9 12.9%	10 14.3%	22 31.4%	7 10.0%	22 31.4%	3.33

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10	Our accreditation agency, The American Council for Construction Education, has established Student Learning Outcomes (SLO) that set out what skills and knowledge you should have attained upon graduation. Rate how strongly you agree or disagree that you have achieved the following outcomes	Strongly Disagree (1)	Disagree (2)	Neutral Valuable (3)	Agree (4)	Strongly Agree (5)	Average Score 1-5 Scale
	1. Create written communications appropriate to the construction discipline.	0 0.0%	1 1.4%	3 4.2%	29 40.3%	39 54.2%	4.47
	2. Create oral presentations appropriate to the construction discipline.	0 0.0%	0 0.0%	6 8.3%	27 37.5%	39 54.2%	4.46
	3. Create a construction project safety plan.	0 0.0%	0 0.0%	7 9.7%	25 34.7%	40 55.6%	4.46
	4. Create construction project cost estimates.	0 0.0%	0 0.0%	4 5.6%	26 36.1%	42 58.3%	4.53
	5. Create construction project schedules.	0 0.0%	0 0.0%	4 5.6%	30 41.7%	38 52.8%	4.47
	6. Analyze professional decisions based on ethical principles.	0 0.0%	0 0.0%	4 5.6%	26 36.1%	42 58.3%	4.53
	7. Analyze construction documents for planning management of construction processes.	0 0.0%	0 0.0%	4 5.6%	28 38.9%	40 55.6%	4.50
	8. Analyze methods, materials, and equipment used to construct projects.	0 0.0%	0 0.0%	3 4.2%	33 45.8%	36 50.0%	4.46
	9. Apply construction management skills as a member of a multidisciplinary team.	0 0.0%	0 0.0%	4 5.6%	29 40.3%	39 54.2%	4.49
	10. Apply electronic based technology to manage the construction process.	0 0.0%	0 0.0%	5 6.9%	34 47.2%	33 45.8%	4.39
	11. Apply basic surveying techniques for construction layout and control.	0 0.0%	1 1.4%	11 15.3%	32 44.4%	28 38.9%	4.21
	12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.	0 0.0%	0 0.0%	3 4.2%	38 52.8%	31 43.1%	4.39
	13. Understand construction risk management.	0 0.0%	0 0.0%	4 5.6%	32 44.4%	36 50.0%	4.44
	14. Understand construction accounting and cost control.	0 0.0%	0 0.0%	3 4.2%	35 48.6%	34 47.2%	4.43
	15. Understand construction quality assurance and control.	0 0.0%	0 0.0%	4 5.6%	30 41.7%	38 52.8%	4.47
	16. Understand construction project control processes.	0 0.0%	0 0.0%	4 5.6%	38 52.8%	30 41.7%	4.36
	17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.	0 0.0%	0 0.0%	4 5.6%	29 40.3%	39 54.2%	4.49
	18. Understand the basic principles of sustainable construction.	0 0.0%	2 2.8%	6 8.3%	30 41.7%	34 47.2%	4.33
	19. Understand the basic principles of structural behavior.	0 0.0%	0 0.0%	5 6.9%	35 48.6%	32 44.4%	4.38
	20. Understand the basic principles of mechanical, electrical and piping systems.	0 0.0%	0 0.0%	4 5.6%	36 50.0%	32 44.4%	4.39

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11	Please list the strengths of the Construction Management Program
	The strengths of the Construction Management program are that the professors all want to see us succeed in the real world so the
	The amount of companies that come to campus to recruit makes finding internships extremely easy. Getting students to show up is
	The flow chart was very effective in making sure I stayed on track with all of my classes. Most teachers I had were extremely he
	Teachers help out after hours and make them selves available more than any other major. strong willingness to learn Great fault
	This program teaches students the most relevant softwares and programs most companies require in internships and further on in a
	Very applicable classes to real industry scenarios
	Team Builder Effective Communicator Management skills Great exposure to different aspects of Construction Great professor who pa
	Great connection with real world companies.
	Industry ties and recruiting Construction Professionals who teach here
	Prepare you for a career in construction
	I loved how so many companies would come to campus to present and give interviews.
	Career Development and Opportunities
	The career opportunities
	communication skills, technology skills, industry influence.
	The Construction Managment is a family that helps out students that seek the help. So many faulty have an open door as to what c
	Rich Holman, John Schwarz, Alan Bond, Brian Old
	A few teachers really make the department strong my last semester the new crop of teachers did a great job and make it a modern
	The curriculum covers a range of skills. The labs and the in class activities are balanced well.
	Most professors are very smart and realistic about career expectations. Newer professors are focused more on the "curriculu
	-Exposure to the industry -Internships are extremely valuable -Good camaraderie -Many instructors have a solid industry backgrou
	Staff is very knowledgable. Students in major are close and work together.
	All the faculty members have substantial knowledge in various sectors of the construction industry and that is a strength that t
	Support the department has for students
	Our Construction Management program is very immersive and allows for students to receive all the help they need when struggling
	they give you a lot of chances to get a job or internship. give you a lot of real life experience.
	Good teachers and help us get job interviews.
	Great teachers in the CM Department, and great resources for help.
	Industry support.
	Great faculty, very helpful secretary(s), useful classes, outstanding recruiting, accessible clubs, great community, no Friday c
	The people you meet and relationships we make in the industry
	Teachers want you to do well and are willing to help in any way possible. They are also very personable and genuinely want to co
	Every class is available every semester. Also a high job rate.
	Professors and outside educational advancement opportunities
	We have job opportunities and experience as soon as we graduate.
	Helps you get a job before graduating.
	good teachers well rounded material plus on company recruiting
	Many of the professors are extremely helpful and are very knowledgeable about their classes. The amount of opportunity available
	Many strengths include new material with new teachers who have real life experience that just came out of the field
	Always willing to help with anything such as life school work or jobs
	Professors gave real life examples and provided their experience into the classes
	The projects throughout the major resemble what Ive dealt with in internships. The CM lab is very helpful, and the pre-sessions
	The strengths of the CM program lie in a handful of our professors. Rich Holman, Alan Bond, Mike Guzzi, Lori Brown, and Patrick
	The strength is in the faculty. It is clear most professors have put in a lot of time to prepare and create courses that challen
	the experience the professor have in the industry
	Teaching we have top notch professors
	Real world plans and examples
	Great Teachers Great Class Courses
	strengths for me were, heavy civil classes. CMGT 335, 458, 455, 457, 450, 460. These were highly valued for me
	Teachers Curriculum
	Small classes
	The Preessions and interviews that are set up for the students and the preperation for the students to do well in those intervi
	Heavy use of computer programs that are actually used in industry
	The Staff is definitely the best group of people a major could ask for. Intelligent, kind, and willing are characteristics had b
	great teachers
	It gets you ready for the real world, sets you up for internship opportunities and full time jobs as a student. The department I
	Very hands on and teaches you what you will actually be doing after graduating
	Construction Technology systems Communication Teachers relationships Job placement Overall structure and plan to become a profes
	Great networking opportunities, good clubs/organizations to join, certain classes are highly beneficial.
	Good professors who have experience within the construction industry. Good recruiting and job placement. Good support from profe
	Lots of great faculty and access to the newest technology used in the industry.

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12	Please list any areas needing improvement in the Construction Management Program.
	Areas of improvement would have to be the communication between the professor to the student because one professor I had the Fal
	Maybe some extra instructions on how to tackle some of the harder assignments. Like reading plans.
	Obviously some instructors have been teaching for too long and Ill leave it at that. Continue to ask companies what they expect
	Need to improve the quality of CMGT 462 because there was no structure to the class and not any valuable lectures.
	Removal of some of the inapplicable courses ie: Phys202B and Chem107
	Combine CMGT 340 and 345 Together Combine CMGT 335 and 458 together Combine CMGT 460 and 462, Or offer different class for CMGT
	Too many SLOs & CLOs that hinder and limit how and what the teacher instructs.
	The program seems dated and geared toward a graduate starting their own company but the vast majority of us are going to work fo
	low level courses
	CMGT 462 has got to go.
	Some professor are pretty bad and you dont learn much in those classes
	department head
	The program needs to hire professors with time instead of throwing professors a week before school begins so they are unable to
	Some of the older teachers are out of touch or dont understand whats going on or even what they are teaching. Early in my time a
	A purely presentation class just for CM. This does not include 332. I believe it should be individual presentation skills as wel
	Emphasize technical aspects of construction such as the things that a superintendent would know
	There are certain classes that need work which I am sure will be reflected in the instructor ratings section. -We need scheduli
	More direction with some assignments in classes.
	An excel class is needed because many students struggle in excel with formatting, formulas, and basic understanding.
	Better understanding of building processes and steps. IE foundation first, then underslab utilities, walls etc etc
	The computer lab is the only part of the CM department that seems to need improvement. The faculty and other benefits in the pro
	Excel classes should be brought back.
	340 and 345 could be one class with Guzzi. He teaches the material very well.
	We have such great financial support from industry members, although our class rooms and equipment hasnt changed in 5 years. whe
	Some teachers could use improvement
	Some courses should understand we need help with basics towards aspects of construction we do not know. I came from a heavy civi
	Needs to be less heavy civil based as not everyone in CM will be going into heavy civil.
	Some faculty members need to be evaluated with there teaching methods.
	Not all of our classes are relevant to the current industry. We should be more communication focused rather than science focused
	462 is not really a class. 340 and 345 shouldve been combined a long, long time ago.
	Some of the classes need improvement. There is a couple of solely powerpoint-based classes that are not very effective for learn
	Older teachers need to use blackboard better
	CMGT 462
	some of the faculty need to be more approachable
	The department needs to split, heavy civil and building. I think there are to many heavy civil courses.
	More in depth on the process of construction
	I think that Chico can have some new teachers that are fresh from the industry because they are more in tune with where the indu
	Some professors didnt have clear lectures or directions for assignments in class
	More outside speakers to help get a more rounded view on exactly what we are going to have to deal with outside of school. It wa
	Being more understanding with different situations students have with classes, being able to have a clear path from the start wi
	Sequence of construction activities was not explained well
	Teaching the students how to write proper job related emails, RIFs, Job updates, general emails speaking to other managers on yo
	I feel that the program shouldnt be so heavily directed towards heavy civil.
	Perhaps some more content relating to what is expected at a job within the construction industry (job descriptions / expectation

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13	Please share any other comments/feedback you have regarding the Construction Management program:
	The Construction Management program is not just a school program for me but it felt like home. I didnt have any professors but i
	I had a great time being a CM major.
	I have learned more than I ever imagined and have enjoyed my four and a half years spent here.
	Great Program here at CSU, Chico I made great choice to come here for this reason and never looked back different options I had
	Overall I enjoyed my time here and got along well with my class mates and Professors. I would absolutely recommend this program.
	Overall great experience here, glad I picked this major.
	Best major at Chico State
	Very proud to have been apart of CSU Chico and the CMGT program. They helped develop my skills to do well in my career.
	This is one of the best programs in the college of ECC and other colleges and the rest of the ECC should use us as an example to
	My feelings about the CM Program are mixed I had some teachers(listed above) that were awesome and made me really appreciate the
	Great Job overall, I wouldnt have chosen another major even after reflecting on the 4 1/2 years.
	Keep up the great industry connections.
	For any prospective student coming in as a freshman or transfer student, I recommend the CM program to those individuals. Best d
	I am very happy to have chose Chico State for my Construction Management degree.
	Really enjoyed my time in the Program. Specifically CM courses, not so much the GE courses. The program really set me up for my
	Keep it up
	We have such great financial support from industry members, although our class rooms and equipment hasnt changed in 5 years. whe
	Very pleased overall
	400 level professors are the best professors at chico state
	We should have better teachers
	Its an awesome program.
	well rounded program with great outcomes for success and job outlook.
	I am extremely thankful for everything the CM program has provided me with to succeed. I am proud to say that I was successfully
	More emphasis could be put on plan reading and in field education. As someone going the field route, Id have liked to be more pr
	I feel honored to be in this program. It is an amazing program that has prepared me for my future and landed me a job that pays
	I loved the program as a whole and would do it again in a heart beat.
	Great Program, I would recommend to anyone undecided that is attending Chico State. One of the best CM programs compared to othe
	I loved my time at CSU Chico and am very happy with my decision of CMGT. I will be sad to go but will always look back fondly. T
	The construction management program set me up for success during school, summer internships, and future jobs with companies. I w
	Most professors taught me a lot except 462
	The CM program at Chico State offers all kinds of great opportunities for its students. It is truly up to the student to decide
	Great program, Thank you!