

**ECC Graduating Senior Exit Survey
Results AY 2019-2020**

College of ECC Questions - 56 Respondent's

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	4.11
2	Quality of teaching by other faculty	3.80
3	Access to faculty in your department	4.55
4	Availability of courses in your department	4.41
5	Quality of courses in your department	4.25
6	Access to lab facilities and equipment	4.27
7	Quality of laboratories and equipment	3.98
8	Access to computer facilities	4.57
9	Quality of computer facilities	4.20
10	Academic advising from your major advisor	4.05
11	Academic advising from the Advising Office	3.82
12	Career information from your department	4.70
13	Availability of GE courses	4.11
14	Quality of GE courses	3.73
15	Overall quality of your education	4.18
16	Your overall experience at Chico State	4.36

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	4.07
18	Design and conduct experiments	4.02
19	Analyze and interpret data	4.17
20	Design a component or system to meet desired needs	3.96
21	Function on a multidisciplinary team	4.52
22	Identify, formulate, and solve technical problems	4.09
23	Communicate technical matters in writing	4.15
24	Communicate technical matters orally	4.24
25	Understand & apply professional & ethical principles	4.50
26	Understand contemporary issues facing society	4.09
27	Use modern tools and technology	4.47
28	Enter the workplace	4.41
29	Continue learning	4.31
30	I would recommend my major at CSU, Chico to others	4.64

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

39	How many job offers have you received?	None	One	Two	Three	Four +	
		7	17	13	6	11	
		13.0%	31.5%	24.1%	11.1%	20.4%	

40	Do you currently have a job offer that you are likely to accept?	Yes	No				
		85.0%	15.0%				
	What will be your starting annual salary?	< \$50,000	\$50-60,000	\$61-70,000	\$71-80,000	\$81-90,000	>\$91,000
		3	1	6	27	7	1
		6.7%	2.2%	13.3%	60.0%	15.6%	2.2%

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Department of Construction Management Questions - 56 Respondents

CMGT-Specific Survey Questionnaire

1	How many companies have you interned with?	None	One	Two	Three	Four/more	
		0	24	16	12	1	
		0.0%	45.3%	30.2%	22.6%	1.9%	

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
		32	0	6	5	3	5
		62.7%	0.0%	11.8%	9.8%	5.9%	9.8%

3	Where you involved in student activities or clubs?	Yes	No				
		59	12				
		83.1%	16.9%				
	If yes, what activities or clubs were you involved in?	AGC	DBIA	MCAA	Sigma Lambda Chi	CSWIC	Other
		31	5	1	8	5	11
		50.8%	8.2%	1.6%	13.1%	8.2%	18.0%

4	Did you compete, or volunteer, at the ASC Competition in Sparks, NV?	Yes	No				
		31	24				
		56.4%	43.6%				
	If yes, what team(s) did you compete on?	Volunteer	Commercial Building	Mixed use	Heavy Civil	Mechanical	Concrete Solutions
		4	4	7	4	2	5
		12.5%	12.5%	21.9%	12.5%	6.3%	15.6%
			Design Build	Electrical	Other		
			4	2	0		
			12.5%	6.3%	0.0%		

5	Did you participate in any community service projects sponsored by the Department of Construction Management	Yes	No				
		32	26				
		55.2%	44.8%				
	If yes, what project(s) did you work on?	Caper Acres	Covered Bridge	Child Development	Habitat for Human	Other	
		11	10	3	5	3	
		34.4%	31.3%	9.4%	15.6%	9.4%	

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	2	7	23	21	4.19
		0.0%	3.8%	13.2%	43.4%	39.6%	

7	Regarding your majors academic curriculum rigor, how were your expectations met?	Not met (1)	A little met (2)	Somewhat met (3)	Quite a bit met (4)	Met (5)	Average Score 1-5 Scale
		2	3	7	18	22	4.06
		3.8%	5.8%	13.5%	34.6%	42.3%	

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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
	Alan Bond - 54 Raters	0 0.0%	0 0.0%	2 3.7%	1 1.9%	51 94.4%	4.91
	Patrick Brittle - 52 Raters	0 0.0%	0 0.0%	1 1.9%	15 28.8%	36 69.2%	4.67
	Mike Borzage - 27 Raters	1 3.7%	5 18.5%	4 14.8%	8 29.6%	9 33.3%	3.70
	Lori Brown - 43 Raters	1 2.3%	3 7.0%	8 18.6%	11 25.6%	20 46.5%	4.07
	Brendan Coakley - 25 Raters	0 0.0%	0 0.0%	2 8.0%	4 16.0%	19 76.0%	4.68
	Denny Gier - 33 Raters	1 3.0%	0 0.0%	14 42.4%	9 27.3%	9 27.3%	3.76
	Rich Holman - 52 Raters	0 0.0%	3 5.8%	1 1.9%	5 9.6%	43 82.7%	4.69
	Williem Kymmell - 349Raters	7 14.3%	8 16.3%	13 26.5%	13 26.5%	8 16.3%	3.14
	John Schwarz - 52 Raters	0 0.0%	1 1.9%	0 0.0%	7 13.5%	44 84.6%	4.81
	Chris Souder - 51 Raters	2 3.9%	4 7.8%	8 15.7%	19 37.3%	18 35.3%	3.92
	Rovane Younger - 13 Raters	3 23.1%	1 7.7%	3 23.1%	3 23.1%	3 23.1%	3.15
	Marie Patterson - 37 Raters	1 2.7%	2 5.4%	10 27.0%	7 18.9%	17 45.9%	4.00
	Tyler Spangler - 30 Raters	6 20.0%	5 16.7%	8 26.7%	8 26.7%	3 10.0%	2.90
	Brian Old - 52 Raters	1 1.9%	0 0.0%	3 5.8%	13 25.0%	35 67.3%	4.56
	Jamie Cochran - 49 Raters	0 0.0%	0 0.0%	3 6.1%	15 30.6%	31 63.3%	4.57
	Michael Guzzi - 33 Raters	0 0.0%	0 0.0%	1 3.0%	3 9.1%	29 87.9%	4.85

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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	2 4.0%	2 4.0%	11 22.0%	18 36.0%	17 34.0%	3.92
	CMGT 101 - Construction Career Prep (elective)	5 16.7%	2 6.7%	5 16.7%	10 33.3%	8 26.7%	3.47
	CMGT 110 - Construction Graphics	6 12.2%	9 18.4%	13 26.5%	10 20.4%	11 22.4%	3.22
	CMGT 135 - Construction Materials and Systems	4 8.2%	3 6.1%	7 14.3%	16 32.7%	19 38.8%	3.88
	CMGT 210 - Analysis of Construction Drawings and Specifications	0 0.0%	0 0.0%	0 0.0%	3 5.8%	49 94.2%	4.94
	CMGT 235 - Electrical and Mechanical Systems	0 0.0%	4 7.8%	4 7.8%	18 35.3%	25 49.0%	4.25
	CMGT 270 - Building Information Modeling (elective)	0 0.0%	0 0.0%	3 33.3%	2 22.2%	4 44.4%	4.11
	CMGT 275 - Architectural History (elective)	1 14.3%	0 0.0%	3 42.9%	1 14.3%	2 28.6%	3.43
	CMGT 330 - Principles of Soil Mechanics and Foundations	2 3.9%	9 17.6%	13 25.5%	16 31.4%	11 21.6%	3.49
	CMGT 332 - Construction Methods Analysis	2 4.0%	5 10.0%	10 20.0%	15 30.0%	18 36.0%	3.84
	CMGT 335 - Construction Equipment	1 2.0%	1 2.0%	7 13.7%	19 37.3%	23 45.1%	4.22
	CMGT 340 - Principles of Statics	4 8.0%	3 6.0%	7 14.0%	21 42.0%	15 30.0%	3.80
	CMGT 345 - Mechanics of Materials	3 5.8%	3 5.8%	9 17.3%	20 38.5%	17 32.7%	3.87
	CMGT 360 - Construction Project Management	0 0.0%	2 3.9%	4 7.8%	22 43.1%	23 45.1%	4.29
	CMGT 380 - Green Building Practices and LEED Certification (elective)	0 0.0%	1 3.7%	8 29.6%	11 40.7%	7 25.9%	3.89
	CMGT 440 - Temporary Structures	2 3.8%	5 9.6%	10 19.2%	21 40.4%	14 26.9%	3.77
	CMGT 450 - Building Estimating	0 0.0%	0 0.0%	1 2.0%	11 21.6%	39 76.5%	4.75
	CMGT 455 - Construction Cost Management	0 0.0%	0 0.0%	6 11.5%	12 23.1%	34 65.4%	4.54
	CMGT 457 - Project Control and Scheduling	0 0.0%	1 1.9%	1 1.9%	10 19.2%	40 76.9%	4.71
	CMGT 458 - Heavy Construction Estimating	2 3.8%	0 0.0%	4 7.7%	17 32.7%	29 55.8%	4.37
	CMGT 460 - Legal Aspects of Construction	0 0.0%	1 1.9%	1 1.9%	7 13.5%	43 82.7%	4.77
	CMGT 462 - Construction Contracts	11 21.2%	2 3.8%	11 21.2%	14 26.9%	14 26.9%	3.35

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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 (3)	Agree (4)	Strongly Agree (5)	Average Score 1-5 Scale
	1. Create written communications appropriate to the construction discipline.	0 0.0%	0 0.0%	0 0.0%	29 59.2%	20 40.8%	4.41
	2. Create oral presentations appropriate to the construction discipline.	0 0.0%	0 0.0%	1 2.0%	24 49.0%	24 49.0%	4.47
	3. Create a construction project safety plan.	0 0.0%	1 2.0%	0 0.0%	24 49.0%	24 49.0%	4.45
	4. Create construction project cost estimates.	0 0.0%	0 0.0%	3 6.1%	22 44.9%	24 49.0%	4.43
	5. Create construction project schedules.	0 0.0%	0 0.0%	1 2.0%	24 49.0%	24 49.0%	4.47
	6. Analyze professional decisions based on ethical principles.	0 0.0%	0 0.0%	1 2.0%	21 42.9%	27 55.1%	4.53
	7. Analyze construction documents for planning management of construction processes.	0 0.0%	0 0.0%	2 4.1%	16 32.7%	31 63.3%	4.59
	8. Analyze methods, materials, and equipment used to construct projects.	0 0.0%	1 2.0%	1 2.0%	21 42.9%	26 53.1%	4.47
	9. Apply construction management skills as a member of a multidisciplinary team.	0 0.0%	0 0.0%	1 2.0%	14 28.6%	34 69.4%	4.67
	10. Apply electronic based technology to manage the construction process.	0 0.0%	0 0.0%	0 0.0%	25 51.0%	24 49.0%	4.49
	11. Apply basic surveying techniques for construction layout and control.	1 2.0%	3 6.1%	5 10.2%	22 44.9%	18 36.7%	4.08
	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%	1 2.0%	18 36.7%	30 61.2%	4.59
	13. Understand construction risk management.	0 0.0%	0 0.0%	2 4.1%	21 42.9%	26 53.1%	4.49
	14. Understand construction accounting and cost control.	0 0.0%	1 2.0%	1 2.0%	22 44.9%	25 51.0%	4.45
	15. Understand construction quality assurance and control.	0 0.0%	0 0.0%	1 2.0%	25 51.0%	23 46.9%	4.45
	16. Understand construction project control processes.	0 0.0%	0 0.0%	1 2.1%	24 50.0%	23 47.9%	4.46
	17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.	0 0.0%	0 0.0%	0 0.0%	25 52.1%	23 47.9%	4.48
	18. Understand the basic principles of sustainable construction.	1 2.1%	0 0.0%	6 12.5%	23 47.9%	18 37.5%	4.19
	19. Understand the basic principles of structural behavior.	1 2.1%	0 0.0%	1 2.1%	27 56.3%	19 39.6%	4.31
	20. Understand the basic principles of mechanical, electrical and piping systems.	0 0.0%	0 0.0%	3 6.3%	25 52.1%	20 41.7%	4.35

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11	Please list the strengths of the Construction Management Program
	the focus a lot on the ethic of construction as well as the basics of what we need to know
	The teacher involvement with the students. Those who attended ASC form great bonds with their teachers and students and that really helps the learning process
	The CM program is really well laid out to help us and make sure we have a good understanding of construction before going out to work. It is also really helpful. The faculty has extensive knowledge of material and are easy to talk to.
	The CM program has strengths in some of the classes that they provide such as equipment, static, and temporary structures. The ties to the industry is the biggest strength of the department and many other departments should take note on how to apply these practices to become tied to their corresponding industries.
	The CM department employs professors with real world industry experience so many of our lessons have direct relevance to our future careers and will be used frequently if not daily.
	Strong connections with bug companies.
	Professors always there to help in any problems you have
	Preparedness, job recruiting, helpful, involved in the community, involved with students, a lot of amenities, many outside events organized
	Mostly great faculty that wants you to succeed. Info sessions and job opportunities are great too
	Most classes are great but many teach us outdated techniques or techniques that we will never use in our specific positions.
	Learning Bluebeam, p6, heavybid, and progressing my skills with excel.
	It has given me a very good basic understanding of the field that I will work in.
	Instructors that have actual hands on career experience.
	I appreciate that all the faculty/ professors in the Construction Management department have experience in the field they are teaching. Therefore, they know what they are talking about.
	Great teachers
	Great statics, strengths, cost control, estimating and scheduling classes.
	Good Program
	Good Company outreach and career recruitment.
	Everyone has some knowledge of the projects you work on going through
	Even when you're not into the cm clubs or joining construction teams in Nevada, the department and the students feel like we are one big club or team. The program is a really cool family that I'm glad I was a part of.
	Estimating and Construction Document Analysis were the highlights of time here. Learned a ton in these classes.
	Accessibility to career opportunities. Course Material. Accessibility to the office and office staff. Accessibility to printing/computer help, ect. Tightknit group.
	Access to professional industry reps, and knowledgeable faculty.
	They are all the most helpful program on campus. They want to see every student succeed through the years and gain experience outside of school. They are very close to the construction industry so they have good connections with everyone.
	giving a good overview of the construction industry
	If you don't have a job after graduation, then you did something wrong.
	Giving students the easy access to companies for future employment
	The Instructors and companies who come here to present.
	Terminology teaching and technology use to assist learning!
	Teaching and listening to industry needs
	Show you how to use programs actually used in the field
	The teachers in the program have a wealth of knowledge and are able to give real examples of problems or situations in the field and help you understand what goes on.

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CMGT-Specific Survey Questionnaire

12	Please list any areas needing improvement in the Construction Management Program.
	The younger teachers. A lot of the staff is very new and was still learning what they needed to teach us which made learning very difficult.
	Unresponsive CM department head
	There are many pre-construction classes that this program needs, as well as environmental classes. I think the job title that this program prepares us for requires less knowledge when it comes to strengths of materials and other classes such as that. The Project Engineer job title usually has a lot more to do with costs, schedules, pre-construction, and various other things that the department can begin to adopt more of.
	The quality of instruction varies with professors. Personally I found those that weren't tenured to often be superior because they felt more pressure to teach at a higher quality in order to be retained.
	The Materials and Methods class is horribly structured and I took very little from that class. I have no idea why we're taking engineering classes like material strengths and temp structures, I'm never going to be on the design side of projects and these classes are largely unnecessary. Soil Mechanics was a waste of time, we spent maybe a week on surveying which is super important stuff and we barely touched on it. We had a huge influx of brand new teachers with minimal teaching backgrounds and I felt like I didn't get the education I paid for because of it. Felt like our classes were the test subjects trying to figure out if the new faculty would work out. Largely frustrated with the quality of education I received and almost don't feel ready to enter the workforce. All this and I'm finishing with over a 3.5 gpa, it's like we were just getting handed good grades because certain faculty knew they were the problem. 462 is an absolute waste of time. 110 was pretty bad as well, 332 was so unorganized the students were in disbelief. 440 instructor super unapproachable and he belittles students whenever they ask questions. He also makes a ton of mistakes in his lectures and can't handle being called out, always has to snap back even when he's wrong. I got a job lined up which is ultimately the end goal and I have the department's REPUTATION to thank for that, but my experience far from meets the reputation I was hearing about. I'm definitely concerned with the direction of the construction management department. Just too much change happening at once and some really important classes are being taught by people who have no business teaching in a classroom, much less at the university level.
	Some instructor's delivery of material and teaching methods.
	Some department staff are stuck in their ways, not wanting to change their methods
	Scheduling needs more than one class to understand the sequencing
	Our classrooms are out dated, need new computers in the computer lab
	Needs better printing facilities
	Mentoring of new staff members
	I would like to see more writing in the future. A few of the issues I ran into during my internships were formatting emails and writing comprehensive RFI's. I would also like to see a class that teaches Microsoft Excel. That is by far one item that the department is lacking greatly.
	I believe there needs to be more MEP heavy classes to understand the in's and out's of each system.
	Get rid of the classes that are not necessary for our skill sets so more people can graduate on time.
	Focus learning on real life entry level material. School did not teach what a singular summer internship taught me.
	Excel class and Trig classes are non-existent. If you are an older student, you may have never had these two very important classes. My GPA suffered huge because of the time that my classes required. I had to do classes over a few times because of this.. This could have been offered in a 100 series class instead of learning construction. Where I had many years experience.
	Don't play favorites with certain students.
	Construction Contracts class
	A lot of repetition throughout classes. Engineering/Math/Science classes are really not useful in industry as I've seen in my multiple internships.
	Program lacks in teaching actual Methods of construction. Program is also very far behind in BIM and other construction technology.
	Sustainability
	The equipment and labs.
	Contracts!
	Some teachers technology needs updating

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13	Please share any other comments/feedback you have regarding the Construction Management program:
	There are a few phenomenal instructors in the department, and others on the complete opposite end of the spectrum. Please revamp the 135 class, it's one of the most important classes in the department for someone with no construction background, and the class was such a let down.
	The program provides many opportunities to the students outside of the classroom which I think is very valuable. There are no other majors on campus like it with having the majority of students acquire several internships in the course of obtaining their degree, as well as getting a job offer before you even graduate. I think the department is mostly performing well, and should just look into incorporating more classes that will benefit us out in the industry as project engineers.
	The CSU Chico Construction Management program is excellent. There is a reason it is recognized as one of the best CM programs in the nation. I just wish my time at Chico State could have ended the way I imagined it. Thank you for all the great times.
	Thank you
	Mandy is awesome ! Rich Holman is the man
	Mandy and Carley are the backbone of this program and do not get enough credit. Keep up the info sessions and advertising companies that are coming. Love the CM printing lab. Need to work on getting average students more involved in internships, clubs, etc... Overall I loved my CM experience at Chico State and will forever miss it.
	It was very fun. Most events or meetings were during pre sessions and made it conflicting to chose what to go to
	I was very pleased with my time at Chico State. The CM program was fun and I was always learning.
	I really enjoyed every minute I spent as part of the CM program. I am more than happy that I switched to Construction management program.
	I feel like this program is one of the best CM programs in the state and has given us the tools to excel in our field post-graduation.
	I don't feel this major prepared me in any other way than learning about softwares. My understanding of construction has only grown from field experience.
	Great program, the recruiting is amazing but there are too many classes that just feel like busy work and will not be used.
	Great major that really cares about the students and strives for student's success
	Focus on real life construction work if possible.
	Best program
	A very helpful program that teaches you everything you need to know before entering the industry.
	Best program at Chico State!
	Address the widespread cheating that takes place in this major.
	I loved my time here.
	Great program, keep listening to industry, update technology