

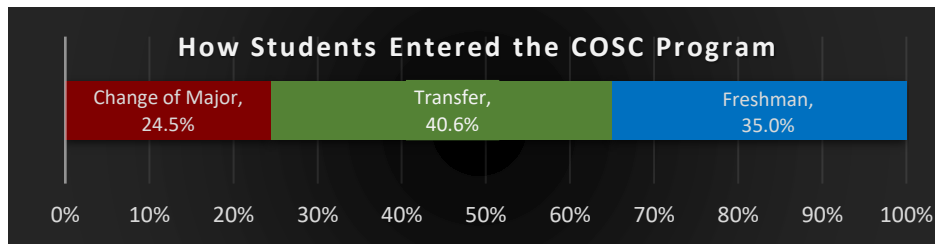
Spring 2021

Senior Exit Survey Report

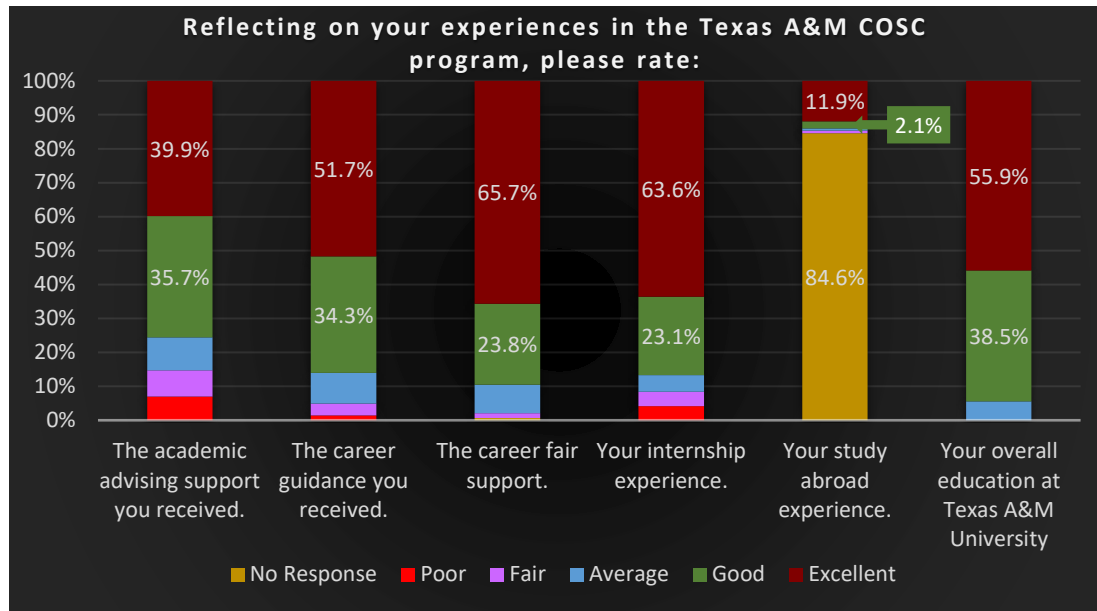
$n = 143$

SUMMARY OF STUDENT RESPONSES

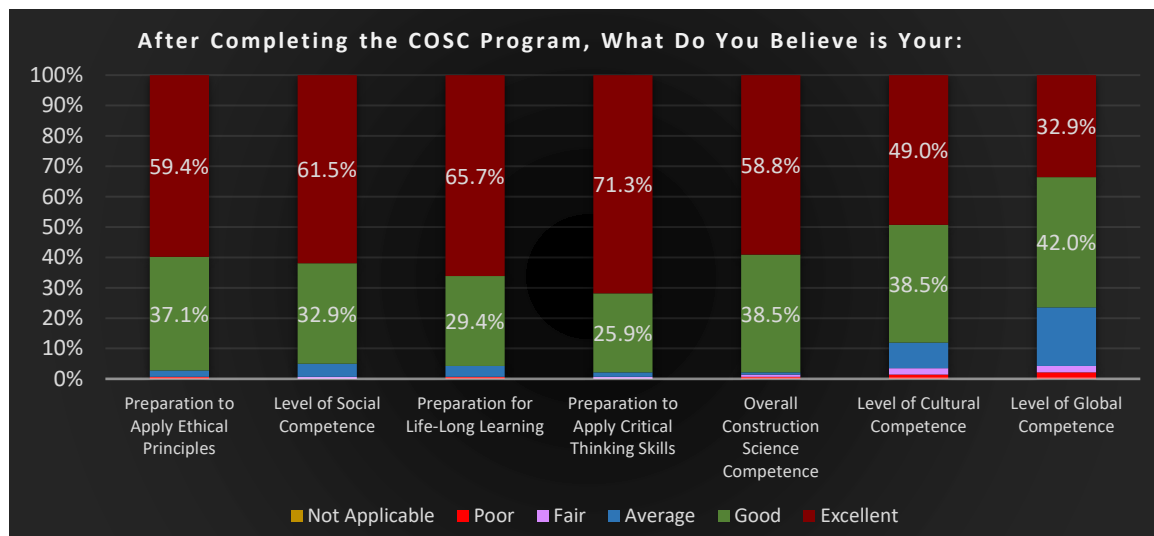
- 97% would major in Construction Science again ([Table 4](#))
- 65% entered the Construction Science Department as either a Transfer Student or a Change of Major ([Table 2](#))

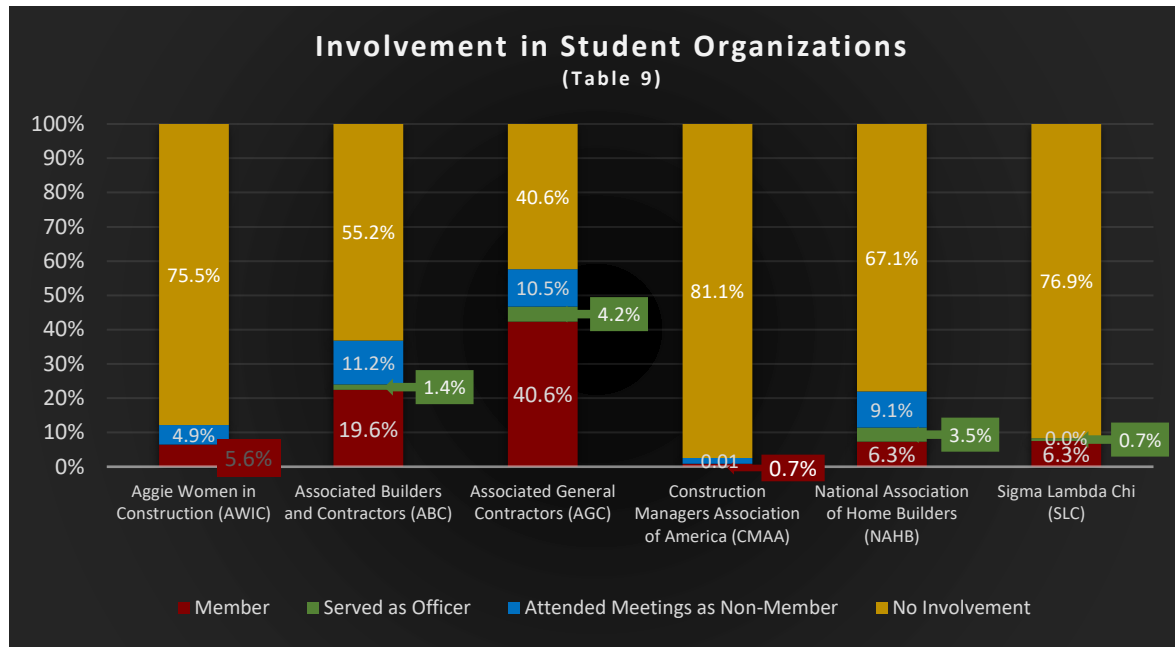


- 76% rated the **academic advising support** received as above average ([Table 11](#))
- 86% rated the **career guidance** received as above average ([Table 11](#))
- 90% rated **career fair support** as above average ([Table 11](#))
- 87% rated **internship** as above average ([Table 11](#))
- 14% rated **study abroad experience** as above average ([Table 11](#))
- 94% rated **overall education** at Texas A&M University as above average ([Table 11](#))



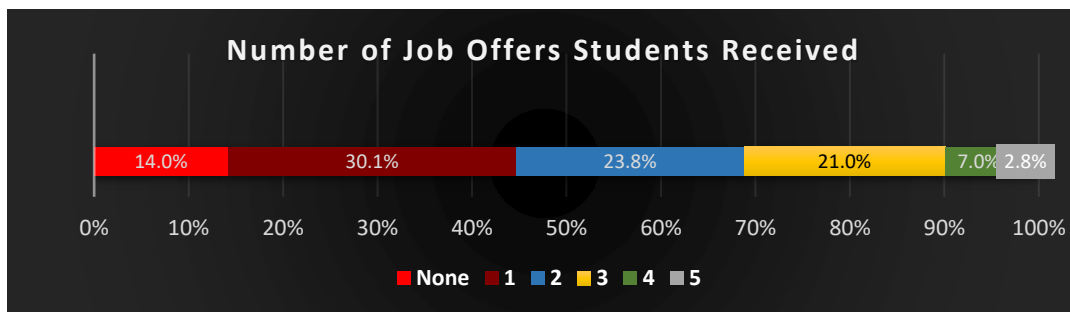
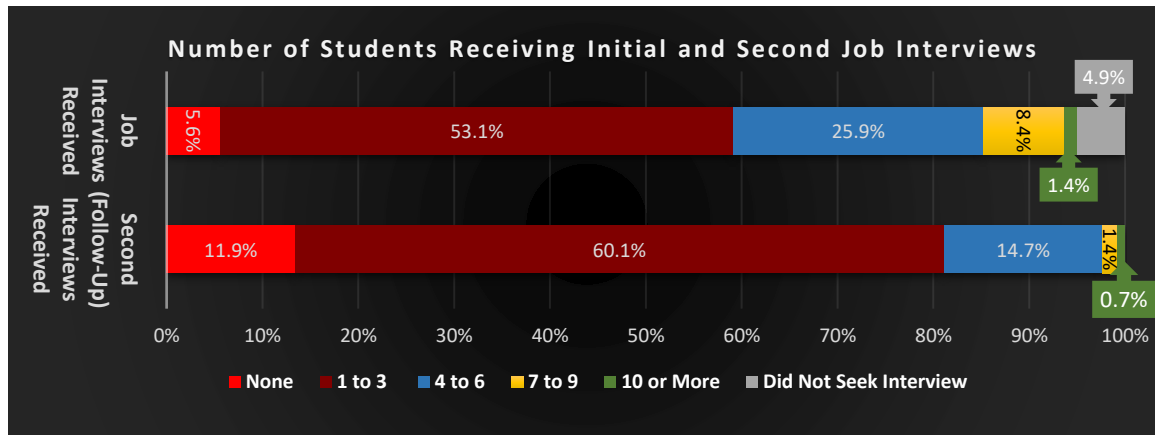
- 97% rated **preparation to apply ethical principles** as above average ([Table 40](#))
- 94% rated **level of social competence** as above average ([Table 40](#))
- 95% rated **preparation for life-long learning** as above average ([Table 40](#))
- 97% rated **preparation to apply critical thinking skills** as above average ([Table 40](#))
- 97% rated **overall Construction Science competence** as above average ([Table 40](#))
- 88% rated **level of cultural competence** as above average ([Table 40](#))
- 75% rated **level of global competence** as above average ([Table 40](#))



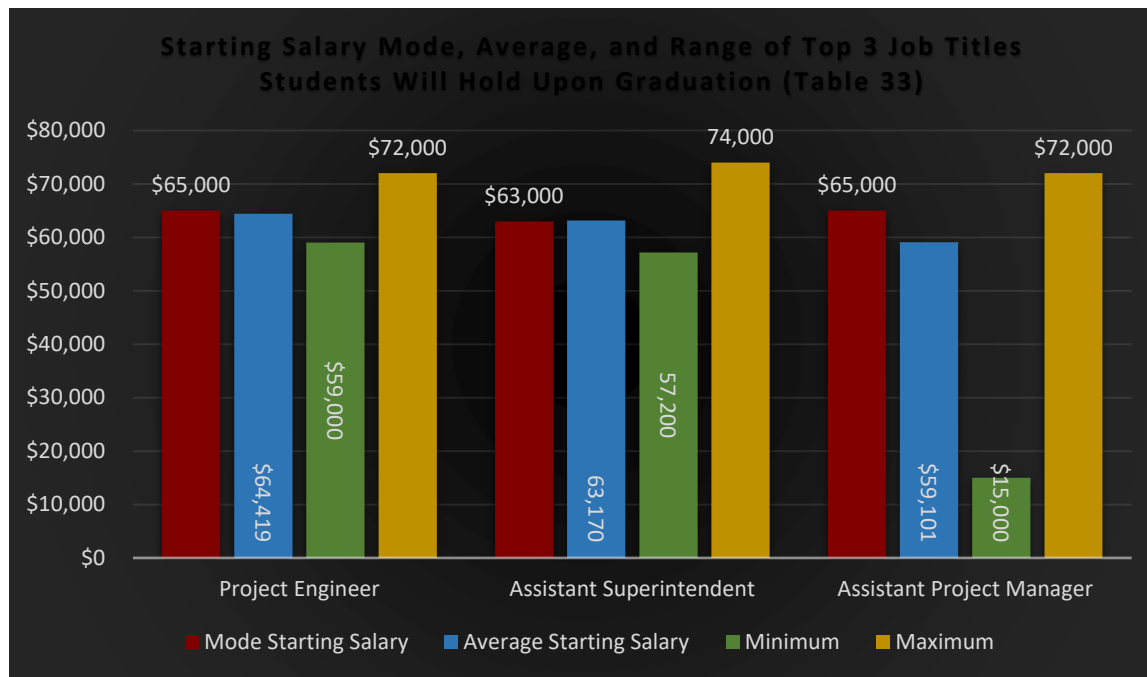


Student Employment Data

- 82% Have a job upon graduation ([Table 14](#))
- 75% Have less than 1 year of job experience ([Table 15](#))
- 90% plan to enter construction-related employment upon graduation ([Table 16](#))
- 58% **received** a job offer from their internship provider ([Table 17](#))
- 41% **accepted** a job offer from their internship provider ([Table 18](#))
- **89%** of students had **at LEAST** one job interview ([Table 20](#))
 - *5% did not seek an interview*
- **77%** of students had **at LEAST** one follow-up job interview ([Table 21](#))
- **85%** of students had **at LEAST** one job offer ([Table 22](#))



- Top 3 sectors in which students will be employed ([Table 23](#))
 - 55.2% Commercial
 - 15.4% Residential – Single Family
 - 5.6% Heavy Civil/Highway
- Top 3 major Texas cities in which students will work upon graduation ([Table 25](#))
 - 32.2% Dallas/Fort Worth
 - 21.7% Houston
 - 17.5% Austin
- Top 3 job titles students will hold upon graduation ([Table 30](#))
 - 31.5% Project Engineer
 - 11.2% Assistant Superintendent
 - 9.1% Assistant Project Manager



- Starting salaries ranged from \$15,000 - \$300,000 ([Table 31](#))
- Hiring bonuses ranged from \$500 - \$30,000 ([Table 32](#))
- The position *Construction Coordinator* ($n = 2$) had the highest average (\$70,250) ([Table 33](#))
- The positions *Junior Project Engineer* ($n = 1$) had the highest mode (\$70,000) ([Table 33](#))
- The position titles with the lowest **MODE** (\$53,000) and **AVERAGE** (\$54,667) starting salary was *Project Manager* ($n = 3$) ([Table 33](#))

Student Learning Outcomes

- Students' confidence in their ability to apply the Student Learning Outcomes (SLOs) ([Table 36](#))
(Frequency counts for individual SLOs may be found in [Table 38](#))
 - Students indicated they were "**Very Confident**" in their ability to:
 1. "Analyze professional decisions based upon ethical principles"
 2. "Analyze construction documents for planning and management of construction processes"
 - Students' indicated they were "**Confident**" in their ability to apply the remaining 18 SLOs
- Students' perception of the importance of the Student Learning Outcomes (SLOs) in their future careers ([Table 37](#))
(Frequency counts for individual SLOs may be found in [Table 39](#))

- **16 of the 20** SLOs students indicated would be **“Very Important”** in their future careers
 - The top three SLOs student perceived as **“Very Important”**
 1. *“Create written communications appropriate to the construction discipline”*
 2. *“Create oral communications appropriate to the construction Industry”*
 3. *“Analyze construction documents for planning and management of construction processes”*
- The remaining 4 SLOs were perceived as being only **“Important”** to students’ future careers

Students’ Perception of COSC Courses

- Students’ **“Most Challenging”** COSC Classes ([Table 41](#))
 - 1st Choice
 - Top Three Classes
 1. 70% COSC 375: Estimating II
 2. 12% COSC 475: Construction Scheduling
 3. 4% COSC 321: Structures I
 - 2nd Choice
 - Top Three Classes
 1. 25% COSC 475: Construction Scheduling
 2. 17% COSC 375: Estimating II
 3. 13% COSC 353: Project Management
- Students’ **“Least Challenging”** COSC Classes ([Table 42](#))
 - 1st Choice
 - Top Three Classes
 1. 42% COSC 364: Safety I
 2. 18% COSC 381: Ethics in Construction Industry
 3. 15% COSC 175: Construction Graphics
 - 2nd Choice
 - Top Three Classes
 1. 27% COSC 364: Safety I
 2. 18% COSC 381: Ethics in Construction Industry
 3. 16% COSC 175: Construction Graphics
- Students’ **“Most Enjoyable”** COSC Classes ([Table 43](#))
 - 1st Choice
 - Top Three Classes
 1. 18% COSC 375: Estimating II
 2. 15.4% COSC 477: Project Controls

- 3. 14.7% COSC 440-446: Capstone
- 2nd Choice
 - Top Three Classes
 - 1. 11.9.7% COSC 440-446: Capstone
 - 2. 11.2% COSC 494: Internship
 - 3. 9.8% COSC 477: Project Controls
 - 4. 9.8% COSC 375: Estimating II
- Students' "***Least Enjoyable***" COSC Classes ([Table 44](#))
 - 1st Choice
 - Top Three Classes
 - 1. 18% COSC 475: Construction Scheduling
 - 2. 17.5% COSC 301: Surveying
 - 3. 15% COSC 321: Structures I
 - 2nd Choice
 - Top Two Classes
 - 1. 19% COSC 301: Surveying
 - 2. 18% COSC 353: Project Management
 - 3. 17% COSC 321: Structures I

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Table 1. Spring 2021: Capstone Course in which Respondents are Enrolled

n = 143

Response	f^a	%
Commercial	64	44.8
Residential	37	25.9
Specialty	17	11.9
Interdisciplinary	14	9.8
Industrial	11	7.7
No Response	--	--
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 2. Spring 2021: How Students Reported Entering the COSC Department

n = 143

Response	f^a	%
Transfer	58	40.6
Freshman	50	35.0
Change of Major	35	24.5
No Response	--	--
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 3. Spring 2021: Student Responses to the Question “If you were a Change of Major, from what department did you transfer?”

n = 143

Response	<i>f^a</i>	%
Agriculture	1	.7
Agriculture Leadership	1	.7
Animal Science	1	.7
Architecture	1	.7
Biochemistry	1	.7
Blinn Team	2	1.4
Blinn TEAM	1	.7
Blinn Team Program	1	.7
BlinnTEAM	1	.7
Chemistry	1	.7
College of Engineering, General Engineering Major	1	.7
College of Science- Biology	1	.7
Engineering	2	1.4
Engineering at TAMUG	1	.7
Environmental Design	1	.7
Food Science	1	.7
General Studies	2	1.4
I transferred From TAMUG as a Maritime Administration major.	1	.7
I transferred from university studies	1	.7
I was an Economics major in the Liberal Arts department.	1	.7

Table 3. Spring 2021: Student Responses to the Question “If you were a Change of Major, from what department did you transfer?”

n = 143

Response	<i>f^a</i>	%
I was an engineering major freshman year and then took a year off to switch majors. When I came back I got into COSC	1	.7
Landscape Architecture	1	.7
Mays Business School	1	.7
Physics	1	.7
Political Science	1	.7
University Studies - Architecture	1	.7
University Studies Leadership in the Ag College	1	.7
Urban and Regional Planning	1	.7
USAR	3	2.1
Wildlife and Fisheries	1	.7
No Response	108	75.5
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 4. Spring 2021: Students' Responses to the Question: "Would You Major in Construction Science Again?"

n = 143

Response	<i>f^a</i>	%
Yes	139	97.2
Uncertain	3	2.1
No	1	0.7
No Response	--	--
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 5. Spring 2021: Student Comments as to Why They Would Not Major in COSC Again

n = 143

Response	<i>f^a</i>	%
Construction Science was not what I was expecting. I just don't like construction and don't want to go into this field. I think parts of it were helpful but overall I did not enjoy my time at all in this major.	1	.7
No Response	142	99.3
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 6. Spring 2021: Students' Responses to the Question: "Did You Apply for Scholarships at Texas A&M University?"

n = 143

Response	<i>f^a</i>	%
Yes	74	51.7
No	69	48.3
No Response	--	--
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 7. Spring 2021: Student Comments as to Why They Did Not Apply for Scholarships at Texas A&M University

n = 143

Response	<i>f^a</i>	%
Already got VA benefits	1	.7
Always forgot to do it.	1	.7
Based off my family income I did not believe that I would qualify for any.	1	.7
College tuition was paid for by personal funds.	1	.7
Did not believe I would get any due to my parents wage	1	.7
Did not need to, applied for scholarship elsewhere	1	.7
Did not qualify	1	.7

Did not think I would qualify for any.	1	.7
Did not think that it was that important.	1	.7
Didn't need to	1	.7
Didn't apply	1	.7
Financially my internships and parents covered the in-state costs of Texas A&M's tuition and never felt the need to apply for scholarships to cut costs, and wanted other individuals to receive the money instead.	1	.7
FSFA Provided me with a good amount of money.	1	.7
Going to school through Hazelwood	1	.7
I always missed the deadlines to apply.	1	.7
I am not sure	1	.7
I did not believe that I qualified.	1	.7
I did not qualify for many that I came across.	1	.7
I did not want to.	1	.7
I didn't hear about / search for them	1	.7
I didn't need the extra money so why take it from someone else who really needs it.	1	.7
I don't know. I wish I would've!	1	.7
I felt I would never qualify or win one because off my financial situation	1	.7
I had a scholarship from the company my dad worked for which paid for half of my college.	1	.7
I had a scholarship outside of the university	1	.7
I had money set aside by various members of my family to pay for my college	1	.7
I had money set aside for school.	1	.7

I had scholarships from other places	1	.7
I just did not apply for any of them,	1	.7
I just never did, I should've.	1	.7
I never looked into them.	1	.7
I never needed to apply for any scholarships. I felt like it would have been unfair of me to.	1	.7
I never thought I would receive any scholarships as I was juggling work and school at the same time.	1	.7
I really enjoyed the atmosphere in the construction science department. I have made many great friendships in the department and the professors have always treated me well. I learned a lot throughout my classes and I have even acquired a job because of the career fair. I am very thankful to have been a student of the construction science program.	1	.7
I received Military funding	1	.7
I regret not doing it	1	.7
I was financially able to cover the costs of tuition on my own.	1	.7
I was fortunate and lucky enough to have my parents pay for my college.	1	.7
I was fortunate enough to not need to.	1	.7
I was receiving financial aid and scholarships from other sources.	1	.7
I was unaware of any significant scholarship opportunities available to me during most of my education.	1	.7
I would always miss deadlines.	1	.7
I would never get one.	1	.7
I would not have qualified and or did not need it.	1	.7
I would not qualify or receive little to no money	1	.7
I wouldn't have received them	1	.7

I'm a straight, white male with slightly above average high school academics from a middle-class family	1	.7
Missed deadlines	1	.7
My college was already paid for by a third party	1	.7
My dad didn't want me signing up for FAFSA	1	.7
My grandparents set up the Texas Tomorrow Fund for me when I was born.	1	.7
My parents are paying for my tuition and they are very much financially capable. I would feel bad taking scholarship money from those that really need it.	1	.7
My Texas Tomorrow fund paid for all tuition.	1	.7
Never got around to it.	1	.7
Never got around to it. Did not need.	1	.7
Never met the requirements	1	.7
Never saw any	1	.7
Not needed	1	.7
not sure	1	.7
Should have. No reason.	1	.7
Some semesters I took were part time.	1	.7
Unsure	1	.7
Would not have qualified for the grade portion of the scholarships.	1	.7
Would not qualify for the majority of them. Parents are paying for college, others need it more than me.	1	.7
No Response	79	55.2
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 8. Spring 2021: Students' Responses to the Question: "Did You Receive a COSC Departmental Scholarship?"

n = 143

Response	<i>f^a</i>	%
No	101	70.6
Yes	42	29.4
No Response	--	--
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 9. Spring 2021: Students' Involvement in Student Organizations

n = 143

Student Organizations	Member		Served as Officer		Attended Meetings as Non-Member		No Involvement		No Answer	
	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%
Aggie Women in Construction (AWIC)	8	5.6	--	--	4	4.9	108	75.5	20	14.0
Associated Builders and Contractors (ABC)	28	19.6	2	1.4	16	11.2	79	55.2	18	12.6
Associated General Contractors (AGC)	58	40.6	6	4.2	15	10.5	58	40.6	6	4.2
Construction Managers Association of America (CMAA)	1	0.7	--	--	2	1.4	116	81.1	24	16.8
National Association of Home Builders (NAHB)	9	6.3	5	3.5	13	9.1	96	67.1	20	14.0
Sigma Lambda Chi (SLC)	9	6.3	1	0.7	--	--	110	76.9	23	16.1

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 10. Spring 2021: Student Comments: Other Student Organizations in Which Students Reported Participating*n= 143*

Response	<i>f^a</i>	%
Aggie Angles, Kappa Alpha Theta, BUILD	1	.7
Aggie fish Club (Freshmen Leadership Organization), Aggie Sweethearts, Fish Camp Counselor	1	.7
Aggie Habitat for Humanity	2	1.4
Aggie Honor Council 3 Day Startup - Student participant and leadership council Hullabaloo Hall Executive Council	1	.7
Aggie Honor Council, Three Day Startup	1	.7
Aggie Men's Alliance	1	.7
Aggie Men's Alliance, TAMU Men's Club Lacrosse Team, TAMU Wakeboard Team 1 year	1	.7
Aggie Men's Alliance	1	.7
Aggie Sweethearts	1	.7
Aggie Wranglers and CCL	1	.7
AMCF	1	.7
Brotherhood of Aggie Mentors - member	1	.7
Brotherhood of Christian Aggies	1	.7
Brothers Under Christ	1	.7
Brothers under Christ Fraternity	1	.7
BUILD Construction Command Team	1	.7
BUILD Fish Camp	1	.7
BUILD, PREP (FLO), Fish Camp, Connect	1	.7
BYX (Bothers Under Christ), and FLiC (Freshman Leaders in Christ)	1	.7

Table 10. Spring 2021: Student Comments: Other Student Organizations in Which Students Reported Participating

n= 143

Response	<i>f^a</i>	%
Capital Men's society	1	.7
Chi Alpha. Christian Fellowship Org	1	.7
Christian Construction Leaders	2	1.4
Christian Construction Leaders (CCL)-served as officer and president	1	.7
Christian Construction Leaders Aggie Roller Hockey	1	.7
Commercial competition team	1	.7
Corps of Cadets, Army ROTC, Brotherhood of Christian Aggies, Habitat for Humanity, Big Event, FLiC	1	.7
Corps of Cadets, Parsons Mounted Cavalry	1	.7
Delta Tau Delta	1	.7
I attended a few MCCA meetings when that was still around.	1	.7
I participated in build while I was in a men's organization called Aggie Gentlemen of Integrity.	1	.7
I was in the Aggie Gentleman of Integrity for 4 years and served multiple exec positions. I also attended a few AGC meetings when I was in it.	1	.7
Kappa Alpha Theta, Freshman Leaders Advancing in Service and Honor	1	.7
Kappa Sigma Fraternity	1	.7
Meca	1	.7
MSA (Mexican Student Association), Aggieland Mariachi, College of Architecture Student Ambassador Program	1	.7
MSA, LatinosLogradores	1	.7
n/a	1	.7
N/A	3	2.1

Table 10. Spring 2021: Student Comments: Other Student Organizations in Which Students Reported Participating*n= 143*

Response	<i>f^a</i>	%
NAHB Competition Team	1	.7
NAHB Student Competition Team	1	.7
National society of Leadership and Success	1	.7
Phi Delta Theta	1	.7
Pi Beta Phi	1	.7
Pi Kappa Alpha	1	.7
Pi Kappa Alpha IDCA	1	.7
Revelation Outdoors	1	.7
Ryllies	1	.7
Sigma Alpha Epsilon Fraternity	1	.7
Sigma Chi	1	.7
Stock Horse Team	1	.7
Student Mobilization	1	.7
SUITS	1	.7
TAMU BUILD	1	.7
TAMU Build, Beta Theta Pi	1	.7
Texas A&M Corps of Cadets	1	.7
Texas A&M Iron Spikes	1	.7
Texas Trophy Hunters, Texas A&M Ducks Unlimited	1	.7
Throughout my four years at Texas A&M I have been involved in several outside student organizations such as BUILD, IMPACT, and Texas Runners Against Cancer (TRAC).	1	.7

Table 10. Spring 2021: Student Comments: Other Student Organizations in Which Students Reported Participating

n = 143

Response	<i>f^a</i>	%
No Response	81	56.6

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 11. Spring 2021: Students' Perception of Their Experiences in the Texas A&M COSC Program*n* = 143

Reflecting on your experiences in the Texas A&M COSC program, please rate:	Excellent		Good		Average		Fair		Poor		No Response	
	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%
The academic advising support you received.	57	39.9	51	35.7	14	9.8	11	7.7	10	7.0	--	--
The career guidance you received.	74	51.7	49	34.3	13	9.1	5	3.5	2	1.4	--	--
The career fair support.	94	65.7	34	23.8	12	8.4	2	1.4	--	--	1	0.7
Your internship experience.	91	63.6	33	23.1	7	4.9	6	4.2	6	4.2	--	--
Your study abroad experience.	17	11.9	3	2.1	1	0.7	1	0.7	--	--	121	84.6
Your overall education at Texas A&M University	80	55.9	55	38.5	8	5.6	--	--	--	--	--	--

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
1.	Aggie Network and the CIAC.
2.	Availability of professors and closeness with construction industry.
3.	Being able to complete a required internship is the best part of the program
4.	Best construction program in the nation
5.	Building kids’ a good foundation.
6.	Career fair
7.	Career fair, job placement, very approachable professors
8.	certain professors
9.	Connections
10.	Construction experience
11.	Creating bonds and good working relationships with peers.
12.	Critical thinking
13.	Depth of Experience from each professor
14.	Estimating and learning how to manage people
15.	Estimating with Palmer
16.	Experienced professors, interesting classes
17.	FACULTY
18.	Gaining a career after graduation and the internship requirements.
19.	Gary Boldt and Patrick Suerrmann

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
20.	Gary Boldt
21.	Having a lot of professor's that were in industry for so many years helped, better prepare us for our career's.
22.	Having experienced teachers
23.	Having professors with a ton of experience and care about our program
24.	High level of students who have jobs after graduation
25.	How close knit the major is. I know almost every single face and have built relationships with them.
26.	I think it is a very strong program.
27.	I think that there are a good handful of classes that truly open your eyes to the world of construction. The internship semester is also a great thing we do.
28.	I think the amount of expertise and knowledge of our faculty is extremely beneficial for our education.
29.	I think the largest strength and competitive advantage over other programs is the semester-long internship. compared to Texas state, Texas Tech, LSU, and other construction programs, I know we come out knowing more simply because of our strength in landing those internships. My internship propelled me into my career and has given me a head start.
30.	I think the primary strength is how dedicated most professors are to making sure we learn the most valuable things. They constantly update their lessons to comply with the ever-evolving construction world.
31.	I think the strengths of the COSC program are focused toward developing presentation skills, understanding in construction materials and concepts. As well as including an internship for hands-on experience in the construction industry.

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
32.	In my eyes, the strength of the Construction Science (COSC) program is loyalty and retention. To clarify what I mean, once someone transfers or gets in as a COSC Major I know very few cases of them changing major. Which in my eye speaks volumes of the program that has been developed by the department and professors.
33.	Incredible faculty
34.	Industry professionals as professors
35.	Industry relationships, great career fair with lots of opportunities for students to connect with employers
36.	instructor experience
37.	Internship
38.	Internship Program
39.	Internship Program, Career Fair, Networking
40.	internship, and the fast pace classes (Ethics and Safety. Splitting them in the semester.)
41.	Internship.
42.	Involvement of guest speakers, project tours, and group work.
43.	It gives students insight into every aspect of the construction industry.
44.	It's ability to prepare you for the real world.
45.	It's professors.
46.	Its connection to the construction industry
47.	Job after graduation rate/connections
48.	Job guarantee

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
49.	Job placement
50.	Job Placement
51.	Knowledgeable professors with industry experience.
52.	laying the groundwork for just about any job in construction
53.	Networking
54.	Nothing is "given" to us, no easy prof that allows you to glide through the class. I think that is very important because we are held at a higher level which causes us to think critically, but in the work, and excel in our school work. It pays off once we go into our internship because our programs do not challenge their students and it is easy to tell who knows more and how Aggies are knowledgeable. Another strength is that our profs are people with industry experience, that allows us to learn at a different level rather than just off the book. Our profs care about us learning and teaching us which is something I appreciate so much.
55.	Offering students the chance to cultivate meaningful friendships as well as develop team oriented skills.
56.	Overall goal of securing a lucrative career
57.	Pre-Covid (and now too), TAMU COSC had an advantage over many other schools for career opportunities because of the reputation the school and the program has.
58.	prepares you for commercial construction
59.	Preparing students for the job field and creating an excellent environment for getting hired straight out of college.
60.	Preparing the student for success in their careers. They also help by giving the students a great career fair with a ton of different companies.
61.	professors
62.	Professors

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
63.	Professors who genuinely care about the students learning and are willing to go the extra mile to help students learn and succeed.
64.	Professors with industry experience and professors with such passion for their students. I can honestly say that each one of my professors were genuine and made themselves available at any hours of the day.
65.	Real world experienced professors teaching applicable, tangible skills, trades, and practices. Estimating, Materials, and Law are some examples of this.
66.	Relationships
67.	Relationships with professors / classmates. The internship/job rate is excellent.
68.	Teachers with a lot of work experience in the construction industry.
69.	Teaches students how to use and read plans.
70.	Teaching about commercial construction and the opportunity to really get to know your professors and peers.
71.	Teaching about the construction industry as a whole.
72.	The amount of applicable information we learn and career recourses offered by the staff
73.	The approachability of students and professors. It is easy to ask for help and feel supported.
74.	The availability of job and internship opportunities.
75.	the camaraderie among COSC students
76.	The caring professors that truly are there to help and guide all the students to be the best that they can be.
77.	The classes within the COSC program

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
78.	The closeness of people within the program and the passion many of the professors put into their jobs. The fact that the students can interact with the profs so informally and causally is fantastic. The closeness of the students within the major also make construction science feel like a home, on top of an education.
79.	The community of students.
80.	The comradery of the students and faculty
81.	The connections to companies after graduation and through the internship as well as classes like MEP, Materials and Methods, and Estimating.
82.	The determination some of the professors have to offer for students. They are always willing to help.
83.	The emphasis on estimating
84.	The Environment Francis hall creates. If anything increase the size so more students stay in Francis hall versus leaving to go to the library.
85.	The experience of the professors.
86.	The experiences of the professors from the industry.
87.	the faculty
88.	The FACULTY 100%!!! They were amazing to me all throughout my years there, made me feel extremely comfortable having changed majors and provided great support even outside of their office hours.
89.	The faculty who have industry experience and are very willing to help students
90.	The help and communication from professors. They would do anything for their students
91.	The industry connections and professors.
92.	The industry experience of all the professors who have real job experience.

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
93.	The internship and Aggie network
94.	The internship and experience of professors from the industry.
95.	The Internship program
96.	The internship program that every student must do. Also the amount of companies that come to career fairs. Also the great professors on staff.
97.	The internship provided me with more knowledge beyond the classroom
98.	The internship, I learned so much and saw my education applied first hand
99.	The internship.
100.	The junior/ senior level classes
101.	The knowledge of the professors
102.	The network and connections throughout the construction industry is a huge strength in the COSC program.
103.	The network and support from professors and companies.
104.	The number of CIAC member companies and the career fair. Additionally, the COSC program utilizes professors that were practicing professionals. Professors such as Houston, Fickel, Boldt, Palmer, Dudley, Cokinos, and Simms are excellent industry professionals. These individuals also know how to TEACH (this is key). In my opinion, professors such as Birdwell and McGinn are good at what they do professionally, but they do not belong in a teaching role. In addition, the use of student competitions to gain further experience is a strength.
105.	The people are all very nice and willing to help.
106.	The primary strength about the COSC program is the ability to talk to faculty about anything and they would be there in support, offer words of wisdom, or help in any way that they could. The faculty is the strength, it is full of people who want to help their students be successful.

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
107.	The primary strength is the faculty and CIAC Board. The involvement of all the construction professionals gives students great insight into what is going on out there in the industry, and it also helps industry workers to know what is being taught and can give input on what is expected.
108.	The primary strength of the COSC program is how helpful the professors are in helping us find jobs. Compared to very other major on campus, we definitely get the most help in that.
109.	The primary strength of the COSC program is the professors. They want to be there and its very obvious. They try everything and go above and beyond to help all the students succeed. They develop personal relationships with the students and compared to other non-cosc professors on campus I think it is what makes the department stand out. I talk about it with my non-construction science friends and they tell me how jealous they are of that and how they wish their professors would do that.
110.	The primary strength of the program is by far turning out students that already have jobs lined up because of the internship program. Whoever set that program in motion is a genius it gives so many advantages to the students.
111.	The primary strength, in my opinion, is that the faculty and staff truly care about our learning experience. And most of the professors have experience in construction and have great insights to share with students. I have learned so much in this program, and a lot of it from professor experiences and other students, not just in the classroom.
112.	The primary strengths of the COSC program are teaching estimating, MEP systems, and building materials. The professors for each of these classes were very effective because I know much more about how to estimate, what goes into MEP systems and how they operate, and I can recognize a wide array of building materials and understand their application to a building.
113.	The professors
114.	THE PROFESSORS !!!
115.	the professors and advisors
116.	The professors and their abundance of industry knowledge

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
117.	The professors and their support.
118.	The professors are a great support system. I knew I could always go to their office whenever I needed help.
119.	The professors are all amazing and will help you with anything you need, and most professors have come straight from the construction industry so they know exactly what they are talking about which is what makes for a perfect teacher.
120.	The professors do care about the students and are prepared to work with us to better ourselves.
121.	The Professors engagement with the students.
122.	The professors help the student through the whole process.
123.	The professors that I have had such as Larry Fickel, Gary Boldt, Dr. Soliz, Richard Palmer, and Jonathan Houston that truly care about their students' success, have great insight and experience in the construction industry, and push their students to be their best, are the primary strength of the COSC program.
124.	The professors with some industry experience are amazing professors and mentors. Professor Houston, Fickel, and Boldt are the best professors I could have asked for. I always enjoyed going to their classes to talk about more stuff than just school work.
125.	The professors, size of program and curriculum
126.	The professors.
127.	The program for the most part has industry-experienced professors that can attribute real-life situations to the course material. They also offer great insight and advice about the industry and companies we are applying for.
128.	The pull factor that it presents. Just by being a part of the program it got me the job I wanted.
129.	The relationships with the professors and the personal teaching/learning means & methods. I don't think any other major has the personal relationship aspect with their students and professors.

Table 12. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Strength of the COSC Program?”

Student Response	Comment
130.	The relationships/staff experience
131.	The resources and connections made
132.	The resources/professor support.
133.	The semester long internship does an awes job in giving students experience as well as an opportunity for a future full-time job.
134.	The staff is very helpful at preparing us for what we are going to be going into.
135.	The students and the professors. They are generally speaking like-minded people that are always willing to help in school and in trying to get you a job.
136.	The support from profs
137.	The support from the professors.
138.	The teamwork. The network. The job resources. The starting Salary.
139.	The unity between the professors and students
140.	Training students to work among teams under pressure with deadlines and high expectations for quality of work

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
1.	A few of the classes seem inapplicable and not much comes from them
2.	A few of the courses were not really relevant, or focused on the wrong things.
3.	a few teachers
4.	a select few professors
5.	Advising
6.	Advisors were not very helpful as an incoming freshman
7.	All commercial focused No exposure to industrial sector Little exposure to technology classes
8.	Bad professors.
9.	Business classes
10.	Can be hard to break into the niche that is the average COSC student group
11.	Certain professors were not the best. It was only a few.
12.	Class Requirements
13.	Classes filling up too early, and my advising has been great throughout my college career, until 2020 and 2021. I understand that it has been hard because of covid but It is unacceptable for me not be able to make an appointment when I need it. Changing the requirements and curriculum is also a minor problem.
14.	classes such as: surveying, structures
15.	Coursework being too easily navigable and certain professors that have let down students by not adapting to change and trying to teach content that has been the same for the last 15 years when it is not. ie structures and surveying
16.	Credit hour structure, internship should count as more than 7 credit hours.

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
17.	does not focus on residential at all and that creates a void in the completeness of the program.
18.	First semester of upper levels was hell
19.	Having facility management as an elective for seniors. Class was absolutely awful and so was the professor...
20.	Having professors think you are born to know the knowledge they give you and do not teach it properly
21.	Having the business minor classes a part of the degree requirements
22.	Having to take a lot of classes in through Mayes business school.
23.	I can't think of any weaknesses. The COSC program is good all-around and I had a great experience in the program.
24.	I do not think there is a weakness.
25.	I don't believe there are any weaknesses in this COSC program.
26.	I feel like our course schedules were jam packed. If I wouldn't have loaded up summer classes then I would not have graduated on time. Just be transparent to incoming students of that.
27.	I honestly have no complaints about any weaknesses in the COSC program.
28.	I think lower level COSC classes could be better
29.	I think one thing that may become a weakness is allowing the program to grow much more. Once the classes become bigger there is a connection lost between a prof and a student which is something I value about my profs.
30.	I think some classes are useless or need to be reworked. (MEP 2, Structures 1)

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
31.	I think the primary weakness is how careless some of the new professors became when classes went online. A few of them have sat back and given minimal instruction and were even rude at times. It is just as frustrating for us students as it is for the professors.
32.	I think the technology can lag behind at times. There is a lot of new stuff being introduced on job sites that some professors don't really know anything about since they've just been teaching for the past few years.
33.	I wish I became more familiar with exact practices of the industry before I went into my internship
34.	I would have students do more scheduling.
35.	In exception to some professors, we do not get as much real-life examples than I would like. Some professors prepare us for the real world better than others.
36.	It focuses heavily on commercial construction. It should offer even more of a chance than it does now to expose students to the other options available.
37.	It is mainly geared towards commercial
38.	Lack of communication between professors of the same class. One class may have a much easier or harder workload than the same class with another professor. That is not fair to the students as one class may be much more knowledgeable over the subject than another class.
39.	Lack of diversity in classes.
40.	Lack of explaining to students that there is more than the typical job routes. Need more diversity in professors to explain that you can work for companies that aren't strictly construction - you can go into consulting or gas and electrical services. not learning P6 - I was asked multiple times in interviews if I knew how to use P6 and I always had to say no
41.	Lack of interesting electives to choose from.
42.	Lack of knowledge of materials and field practices.

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
43.	lack of options for those wishing to pursue residential construction
44.	Lack of Spanish teaching
45.	Lack of the amount of study and collaboration areas in Francis Hall.
46.	Large class loads and not allowing students to take online classes while on an internship
47.	Large range between very good professors and professors that should not be teaching COSC
48.	More support for non-traditional students.
49.	N/a
50.	N/A
51.	none
52.	None
53.	None at this time.
54.	none come to mind
55.	None.
56.	Not allowing students to take other classes while taking their internship.
57.	Not being able to take TAMU classes during internship. it would be beneficial to students to be able to take at least required electives while on internship
58.	Not enough group exercises to try and force the students to communicate with each other and truly be a close group.
59.	Not expanding on the careers on which students can enter, most only believe they can be supers or PMs

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
60.	Not going into enough detail about the possible career routes that can be pursued with a construction science degree. Our program heavily encourages the commercial construction route without offering much information on other industries like residential, multifamily, industrial, or heavy civil.
61.	Not going over other types of construction besides commercial.
62.	not many people know about the cosc program. Get more people into it!
63.	NOT TEACHING US HOW TO READ SHOP DRAWINGS. IT WAS GONE OVER FOR LITERALLY ONE WEEK IN STRUCTURES II AND THAT IS A CONSERVATIVE ESTIMATE. ALSO TEACH US HOW TO DO A SUBMITTAL PROJECT MANGEMENT IS A JOKE WHEN IT COMES TO SHOWING US THE PROCESS.
64.	Nothing
65.	Nothing outstanding compared to other departments at the other university.
66.	Nothing really
67.	Offering help resources and professors having unrealistic expectations of what constitutes individual work as opposed to group assignments.
68.	Online surveying class
69.	Only due to Covid protocols, the online classes have really hurt a lot of people's GPAs. This is on the students but as well as classes that were built to be in person but were made into being online.
70.	Primarily gearing the course program to put students down the path of becoming general contractors and not also promoting more subcontracting company routes after college.
71.	Professors who do the bare minimum and don't set students up for success.
72.	Professors who lack industry experience. It is very apparent when this is the case.

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
73.	Program could use more classes that intro into some of the newer advances in construction like BIM/lean building processes.
74.	Project Management & Surveying classes have absolutely no structure
75.	Project Management and Estimating II were classes that I should have learned more. If Project Management was taught differently then I would have benefited from it better.
76.	Project management class/structures 1
77.	Project management needs to be removed immediately
78.	Real world experience
79.	Required courses. Structures 2 shouldn't be mandatory. 353 is taught by people with no PM experience. 375 isn't about estimating, it is about the resilience of the human spirit. There should be an entire course dedicated to concrete. MEP 2 is a colossal waste of time and should be an elective.
80.	Some classes feel unnecessary and many of these I felt took away from the overall education quality.
81.	Some classes leaned too far into the theoretical, in which nothing applicable was learned. While good to know, most of the classes taught in the nature I have retained nothing from.
82.	Some of the classes could have been more challenging.
83.	Some of the courses need major reworking (Project management especially)
84.	Some of the material we go over in the program.
85.	Some of the techniques we were taught are out of date. Also, the only industry covered really was commercial. Why not civil?
86.	some of the upper level classes seem irrelevant after our internship (Project management and surveying need to be more real life and situational)

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
87.	Some professor of certain courses are on tenure and it easily shows. These professors need to get more motivation to actually better the students and learning.
88.	Some professors don't deserve to be there
89.	Some professors don't know how to teach their class. What I mean by this is that some professors know a lot about the industry, but when it comes to teaching that specific class, they don't teach a basic level of what we are suppose to learn. They teach what they believe is important that might not apply to the workplace that you go to.
90.	Some very poor professors
91.	Surveying 301
92.	Surveying and structures courses
93.	Surveying Course, Unresponsive Faculty, Academic Advisors
94.	Teaching about residential construction we don't get to learn too much about it besides capstone class.
95.	The absolute weakest link in the COSC department is the fact that Facilities Management is still allowed to be a course. The professor does not teach, and his class is ridiculously difficult for a senior elective.
96.	The biggest weakness I think was that there was some uncertainty with professors. A lot of times I felt like what I was learning would be useless to my career.

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
97.	The biggest weakness of this program by a longshot is not gearing any courses at all towards the superintendent side of construction. The program is 100% geared toward the project management side of construction and leaves those who wish to go the other route high and dry in terms of knowledge and job readiness. I understand the difficulties that there may be to create this course, but I do believe this needs to be a priority to integrated into the program. Theoretically speaking the majority of general contractors have career paths headed towards either being a project manager or superintendent. This means there is the potential for 50% of the students enrolled to want to go be a superintendent which is a long shot, but we take no classes on how to do this job effectively or at all for that matter.
98.	The building itself could be larger.
99.	The Classes structure
100.	The COSC department mainly teaches to a general contractor perspective when there are endless opportunities in construction. I believe a wider variety of electives would help accommodate student's interests.
101.	The department does not recognize that some teachers are severely depriving students of a quality education.
102.	The department needs to do a better job at updating learning practices and keeping up with the industry
103.	The electives.
104.	The inability for the department to see what classes are obsolete and no longer useful to students
105.	The inability to make the program challenging in a fair way.
106.	The internship not being at the end.
107.	the introductory courses

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
108.	The lack of emphasis on project management. I honestly felt as if the project management class we took was a waste of time and not applicable at all to the real world. On the other hand, Project Controls has been awesome. Let Larry Fickel redesign the project management class to ensure its benefits to all students.
109.	The lack of exposure to industrial or heavy civil construction.
110.	The lack of industry experience from some professors.
111.	The lack of residential classes they provide
112.	The limited choice of electives
113.	The lower level classes are not as applicable as the upper level classes.
114.	The main weakness I believe is the irrelevance of some software used in class. Some classes get too distracted with trying to learn software like Microsoft Project and forget to teach us how to schedule and distribute manpower.
115.	The narrow vision on commercial construction, There should be more emphasis on other industry sectors, like heavy civil and industrial.
116.	the newer teachers - Larry McGinn and Julie Hartell
117.	The one weakness that I believe the Construction Science department suffers from is the lack of women within the program. Luckily, as a Senior I see more and more women as underclassmen and am excited to push the boundary of what is considered 'normal' in the industry of construction.
118.	The planning teacher. Also it is very geared to commercial. there should be more residential aspects in the program.
119.	the PM class

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
120.	The primary weakness is the course curriculum. I feel that some of the required classes should not be required such as surveying and materials and methods 2, additionally, the material in some of the classes like Materials and Methods 1 & 2 is very repetitive. I also feel like the construction program is only geared towards commercial and residential construction. There are many of us that do not wish to go either of those routes. It would be nice to see more classes about Heavy civil and industrial construction, as well as to see more information taught on them in other classes as well.
121.	The primary weakness of the COSC program is how much the degree plan will load your semesters with hours. Some of the classes could be combined, and that would allow for more people to work part time construction jobs to gain experience.
122.	The primary weakness of the COSC program would have to be the few professors on tenure or there just for research but they have to teach a class. In those classes they do not really teach and we struggle to try to learn the material but in the end I just "learn" it for the exam and then have no idea and do not actually learn anything once the class is over.
123.	The primary weakness of the program is a few of the classes. In my opinion I think that the project management class needs to be changed to provide a more thorough experience of what being a project manager is. I also think that there needs to be a superintendent class as well.
124.	The primary weakness of this department is diversity. There needs to be a better effort to bring in different types of students from different parts of the US and the world, both men and women.

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
125.	<p>The primary weakness that I have found in the COSC program is the lack selection of electives and capstone classes in the upper level. For example, this semester (spring 2021), which is my final semester, I was not able to get into the capstone or elective class that I wanted. Normally, I would not care because I understand that there are a limited number of seats for a class, although, these classes impact me more directly because it is directly related to what I want to do in my career. I tried to get into the Safety II elective, but when I was registering it was already full. This caused me to have to settle for the BIM elective class. Although the professor is fine, the class itself is not what I am interested in and so I feel as if I have taken this class just so I can graduate. I am not remotely interested in the content of the class. Next, at the time of my registration, the only option for Capstone classes was industrial and interdisciplinary. I was not interested in either class because I plan to go into residential construction. I settled for interdisciplinary and later was able to switch into commercial. Commercial was the only option for online class, which I wanted due to the Pandemic. Overall, the program is great but it seems crazy that a last semester Senior like myself has to settle for classes they are not interested in because there are not enough seats, or any other reason at that.</p>
126.	<p>The primary weaknesses of the COSC program is teaching project management and exposing students to trade skills (ie methods of construction). The project management class was a complete miss for me; I still don't know what I was supposed to take away from that class because I don't think we spent any time in lecture talking about what it takes for successful project management. I think the class would be more worthwhile if we spent more time learning the basics of submitting a billing, reviewing real-life submittals, navigating a basic building permitting process, etc. Also, the COSC program is lacking in methods of construction exposure, especially for those wanting to pursue a superintendent path. I suggest a few electives focusing on field knowledge maybe later in the curriculum where students could complete a small building project (maybe for charity) where they have to employ basic trade skills.</p>
127.	<p>The small handful of professors that struggle to teach and communicate learning objectives clearly.</p>
128.	<p>The structures one class taught me nothing.</p>
129.	<p>The tenured faculty and professors who have been here a long time tend to no longer care about the students and it shows through how they teach their course and how they interact with students.</p>

Table 13. Spring 2021: Student Responses to the Question: “What Do You Believe is the Primary Weakness of the COSC Program?”

Student Response	Comment
130.	The weakness of the COSC program for me was not a COSC class, but a class made mandatory in my degree plan. I believe that MKTG 409 should not be a class made mandatory to students not pursuing their business minor. It is a class I have not gotten much out of.
131.	there are some classes that seemed like they could have been faster paced and did not need to be the whole semester.
132.	There is not a lot of hands on experience and some professors focus more on putting students under pressure than actually allowing them the opportunity to learn how to do work correctly.
133.	Upper and lower level preventing classes from being taken
134.	We never learn to read and approve specs until internship. That was the only thing I felt that I had not been prepared for.
135.	Weakness of the construction science program would be some of the busy work that is simply there to just get a grade in. Construction is very hands on and visual and I think in some classes there is too much of a focus on memorizing or reading a book over something. Scenarios, visuals, identifying different things is what helped me remember items when I was out in the field on internship. For example - Professor Houston did MEP selfies and this alone was extremely valuable in helping me learn MEP and what things looked like and where they would be located in building. Another weakness is some classes you are thrown into the fire trying to guess on how to do things when you haven't yet been taught. Like estimating in my opinion should be taught after internship not before. The class would make a lot more sense if you have been on internship already and understand what things look like and how they are installed. It is guessing otherwise because you do not fully understand what many of the materials are that you are told to estimate.
136.	zoom university

Table 14. Spring 2021: Students' Response to the Question: "Do You Have a Job Upon Graduation?"

n = 143

Response	<i>f^a</i>	%
Yes	117	81.8
No	25	17.5
No Response	1	0.7
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 15. Spring 2021: Years of Professional Construction Industry Job Experience

n = 143

Response	<i>f^a</i>	%
Internship Only	84	58.7
1 to 5 Years	34	23.8
Less than 1 Year	22	15.4
6 to 10 Years	1	0.7
None	1	0.7
Over 10 Years	1	0.7
No Response	--	--
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 16. Spring 2021: Students' Job Plan Upon Graduation*n* = 143

Response		<i>f^a</i>	%
Construction-Related Employment		129	90.2
Military		3	2.1
Non Construction-Related Employment		3	2.1
	Farming	1	0.7
	Ministry	1	0.7
Graduate or Professional School			
Other		1	0.7
	Take another internship for the experience.		
No Response		5	3.5

Note: ^aFrequencies may not total stated *n* because of missing data.**Table 17. Spring 2021: Students Reporting Receiving a Job Offer From Their Internship Provider***n* = 143

Response	<i>f^a</i>	%
Yes	83	58.0
No	59	41.3
No Response	1	0.7

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 18. Spring 2021: Students Reporting Accepting a Job Offer From Their Internship Provider*n* = 143

Response	<i>f^a</i>	%
Yes	58	40.6
No	25	17.5
No Response	60	42.0
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 19. Spring 2021: Student Comments: Factors Which Influenced Their Decision to Accept the Job Offer From Their Internship Provider

Student Response	Comment
1.	I loved the company and everyone was so welcoming and helpful. if at any point I felt like I needed help or wanted to learn, there was someone to help.
2.	Already have a great reputation and will have a head start when I begin full time employment
3.	Comfortability with the company.
4.	Company Culture and Fit Location Compensation Competency How much I enjoy the job
5.	Culture and location.
6.	Flexibility - opportunity - trust
7.	good compensation and fantastic fit for me as a person
8.	Good money. Good benefits. Good people on my internship.
9.	Good people, good business, good upside / opportunity.
10.	Great company with great benefits.

Table 19. Spring 2021: Student Comments: Factors Which Influenced Their Decision to Accept the Job Offer From Their Internship Provider

Student Response	Comment
11.	Great company with great people, great area and great pay right out of college. Solid first job after college
12.	Great company with great projects and growth development.
13.	Great company, have a lot of experience with them. Has an esop so gives the employees an incentive to stay with the company for long term.
14.	Great salary and employee benefits
15.	I believe they gave me the best learning opportunity on my internship. They gave me plenty of responsibility, but didn't just throw a lot of work on me and say to figure it out. They also have a great company culture, everyone is friendly and knowledgeable, and the location is awesome.
16.	I did my internship with Vaughn Construction, and the location of the job I will be at is a 10 minute drive to where I will be living which is at home. Great relationship with my parents, so it works out for me. I also really enjoyed how much they trusted and let me grow during my internship. I was very confident in my abilities and they let me at it. I also enjoy the jobs they do, they have a slogan "Build What Matters" and they do Hospitals, Higher Education, and things that help the future out. Brings a meaning to what I go and work for every day.
17.	I enjoyed my internship with the company that I worked with.
18.	I enjoyed the company and they made me a good offer.
19.	I enjoyed the overall culture from my internship provider (Structura). I was given responsibilities that made me enjoy coming to work everyday. Everyday at work I would learn something new, helping me become an essential worker in the construction industry.
20.	I enjoyed the work and responsibilities I had on my internship. I know the company can offer a great foundation for me to grow as an individual and accomplish career oriented goals. The project location and starting salary was also very appealing.
21.	I had a great experience with them and had worked with them on my own time the summer prior. I liked the culture and people who worked there and wanted to work somewhere I knew had a good culture for me.

Table 19. Spring 2021: Student Comments: Factors Which Influenced Their Decision to Accept the Job Offer From Their Internship Provider

Student Response	Comment
22.	I had worked for them all of college.
23.	I learned a lot with the company and worked very hard. Also COVID-19 and the few opportunities available
24.	I liked the company and their culture a lot, I was able to work and live in an area that I wanted, and I was able to do heavy civil construction.
25.	I loved working for them, and the location of Denver, CO is something that excited me.
26.	I loved working with that company over the summer and the employees that work there as well. I developed great relationships with them all and learned so much during that time.
27.	I really like the company and benefits
28.	I really liked the company and the people I worked with. The location, type of projects and everything really appeal to me. The company treated me extremely well and allowed me to grow and learn every aspect of the project.
29.	I really liked the project team I was on.
30.	I was treated very well and enjoyed the culture of the company.
31.	Liked the company and culture
32.	location, culture, position, and salary
33.	Money
34.	Money was a big factor. I was worried that anything could happen (circumstances like covid), so I took the first thing offered to me. I really did enjoy my internship though, so it was a win-win situation for me.
35.	My experience I had while working on my internship and my fit into their culture.
36.	My internship provider is a great company; they have a proven track record of quality work, a great employee culture, take care of their employees better than competitors according to current employees formerly employed by competitors, and provided me a good offer.

Table 19. Spring 2021: Student Comments: Factors Which Influenced Their Decision to Accept the Job Offer From Their Internship Provider

Student Response	Comment
37.	pay, location, scope
38.	Smaller company. I felt like my boss will have my back in the years to come.
39.	That I worked with them during internship, many TAMU grads, good place for women, good job movement potential
40.	The atmosphere of the company, salary, and opportunity for growth in Austin
41.	The company is very welcoming and helpful. I enjoyed every second of each of my internships with them
42.	The company really treated me well and helped me push myself to try my best and to trust the knowledge that I received thanks to my education.
43.	The company was great
44.	The culture and the way they treat me during my internship.
45.	The culture, the people, and the location
46.	The experience I had with my internship was so amazing I did not want to work for any other company.
47.	The internship experience with my company.
48.	The job is in the location I wanted and the culture at the company is what made me want to go back. Great people and also a lot of women in construction there to look up to.
49.	The location was where I wanted to go and they offered an industry competitive salary & benefits.
50.	The main factors that influenced my decision to accept the offer was the family oriented, exceptional company culture, the professionalism of all the employees, and the work that they chase.
51.	The people working there, the culture
52.	The relationships that I built within the company.
53.	The team I worked with on my internship gave me such a positive experience that I knew I wanted to work with them again.

Table 19. Spring 2021: Student Comments: Factors Which Influenced Their Decision to Accept the Job Offer From Their Internship Provider

Student Response	Comment
54.	They provided a great internship opportunity for me.
55.	Vaughn is the best
56.	Was a tougher market to seek other opportunities. Some other companies wanted me to complete another internship before. As well I like the Internship provider, it is a very good company. Good salary as well and career development.

Table 20. Spring 2021: Number of Job Interviews Received by Students

n = 143

Response	<i>f^a</i>	%
1 - 3	76	53.1
4 - 6	37	25.9
7 - 9	12	8.4
None	8	5.6
Did not seek an interview	7	4.9
10 or more	2	1.4
No Response	1	0.7

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 21. Spring 2021: Number of Second (Follow-Up) Job Interviews Received by Students

n = 143

Response	<i>f^a</i>	%
1 - 3	86	60.1
4 - 6	21	14.7
None	17	11.9
7 - 9	2	1.4
10 or More	1	0.7
No Response	16	11.2

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 22. Spring 2021: Number of Job Offers Received by Students

n = 143

Response	<i>f^a</i>	%
1 Job Offer	43	30.1
2 Job Offers	34	23.8
3 Job Offers	30	21.0
None	20	14.0
4 Job Offers	10	7.0
5 Job Offers	4	2.8
7 Job Offers	--	--
6 Job Offers	--	--
10 Job Offers	--	--
No Response	2	1.4

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 23. Spring 2021: Sectors in Which Students Will be Employed*n = 143*

Response	<i>f^a</i>	%
Commercial	79	55.2
Residential - Single Family	22	15.4
Heavy Civil/Highway	8	5.6
Residential - Multi-Family	7	4.9
Specialty	5	3.5
Industrial	2	1.4
Oil/Gas/Energy	1	0.7
Other	1	0.7
No Response	18	12.6

Note: ^aFrequencies may not total stated *n* because of missing data.**Table 24. Spring 2021: Other Sectors in Which Students Will be Employed***n = 143*

Response	<i>f^a</i>	%
Still looking for a job	1	0.7
No Response	142	99.3

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 25. Spring 2021: Major Texas Cities in Which Students Will Work Upon Graduation

n = 143

Response	<i>f^a</i>	%
Dallas/Fort Worth	46	32.2
Houston	31	21.7
Austin	25	17.5
Outside of Texas	12	8.4
San Antonio	11	7.7
Other Texas Town/City	10	7.0
Midland/Odessa	1	0.7
Amarillo	--	--
Beaumont/Port Arthur	--	--
Outside of USA	--	--
No Response	7	4.9
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.		

Table 26. Spring 2021: Other Major Texas Cities in Which Students Will Work Upon Graduation

n = 143

Response	<i>f^a</i>	%
College Station	4	2.8
Bryan	2	1.4
Jewett	1	.7
Laredo	1	.7
Paris	1	.7
Tyler	1	.7
No Response	133	93.0

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 27. Spring 2021: States Other Than Texas in Which Students Will Work Upon Graduation

n = 143

Response	<i>f^a</i>	%
Arizona	2	1.4
Georgia	2	1.4
Alabama	1	0.7
CO	1	0.7
Colorado	1	0.7
Florida	1	0.7
Louisiana	1	0.7
North Carolina	1	0.7
Washington, D.C.	1	0.7
No Response	132	92.3

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 28. Spring 2021: Countries Other Than USA in Which Students Will Work Upon Graduation

n = 143

Response	<i>fⁿ</i>	%
No Response	143	100.0

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 29. Spring 2021: Companies For Which Students Will Work Upon Graduation

n = 143

Response	<i>fⁿ</i>	%
Aaron Concrete Contractors, L.P.	1	.7
Andres Construction	1	.7
Angler Construction	1	.7
Asay and Sons	1	.7
Austin Commercial	2	1.4
Balfour Beatty	3	2.1
Balfour Beatty Construction	1	.7
Bartlett Cocke General Contractors	2	1.4
Beck Construction	1	.7
Brookstone	1	.7
Brothers Air Conditioning and Heating, Inc.	1	.7
Buns & McDonnell	1	.7
Caddell	1	.7
Cadence McShane Construction	1	.7
CBG Building Company	1	.7
CE Barker	1	.7
Cline Construction and Renovation LLC	1	.7
CORE Construction	1	.7
CRB	2	1.4

Table 29. Spring 2021: Companies For Which Students Will Work Upon Graduation

n = 143

Response	<i>fⁿ</i>	<i>%</i>
Crossland Construction	1	.7
Currently trying to find a company. I have worked for two civil companies. Zachry and Mainlane however the internships went very well they would most likely offer me a job if I were to reach out to them. I just do not feel that either of those companies are right for me. So I am still looking currently.	1	.7
DPR	1	.7
DPR Construction	1	.7
Dynamic Systems Inc.	1	.7
Dynamic Systems, Inc	1	.7
Embrey - I will be an intern	1	.7
Family Company	1	.7
Flintco LLC	1	.7
Fritcher Construction Services	1	.7
GMI	1	.7
Graduate Program	1	.7
Grand Endeavor Homes	1	.7
Greystar	1	.7
Hanover Company	1	.7
Hardwood Design Company	1	.7
Harvey Builders	1	.7
Harvey-Cleary	1	.7
Hensel Phelps	1	.7
Highland	1	.7
Highland Homes	1	.7
Holder	1	.7
Holder Construction	5	3.5
Holder Construction Company	1	.7
IEÂ² Construction	1	.7
Imagine Homes	1	.7
J.D. Abrams	1	.7
Jacobs	1	.7
JD Abrams	1	.7

Table 29. Spring 2021: Companies For Which Students Will Work Upon Graduation

n = 143

Response	<i>fⁿ</i>	%
JE Dunn	1	.7
Joeris General Contractors	3	2.1
Jones Brothers Dirt and Paving IF I GET THE JOB, I have an interview next week	1	.7
jordan foster construction	1	.7
Karsten Interior Services	1	.7
Kiewit	1	.7
Laurel Haven Homes	1	.7
Ledcore	1	.7
Lee Lewis Construction	1	.7
Linbeck	1	.7
Manhattan Construction Company	1	.7
Mays Business MRE	1	.7
McCarthy Building Companies	1	.7
Millennium Project Solutions, INC	1	.7
ministry	1	.7
Moss CM	1	.7
Moss Construction	1	.7
Muckleroy and Falls	2	1.4
N/A	8	5.6
Northstar Builders Group	1	.7
Not sure	1	.7
Osburn Contractors, LLC	1	.7
Performance Contractor Inc. (PCI)	1	.7
Perry Homes	2	1.4
Pogue Construction	2	1.4
PuleGroup	1	.7
Pulte Group	1	.7
Rogers-O'Brien Construction	1	.7
Ronin	1	.7
Rosendin Electric, Inc.	1	.7
Ryan Companies	1	.7
Sanentco Inc	1	.7
SpawGlass Contractors	1	.7

Table 29. Spring 2021: Companies For Which Students Will Work Upon Graduation*n* = 143

Response	<i>f^a</i>	%
Spring Valley Construction Company OR KWA Construction	1	.7
Still job hunting	1	.7
Structura	1	.7
Sundt	1	.7
Sundt Construction	1	.7
Sunset Pools Inc.	1	.7
The Beck Group (BECK)	1	.7
The Burt Group	1	.7
Trammell Crow Residential	1	.7
Turner Construction	1	.7
United States Navy	1	.7
unknown	1	.7
Unknown at this time - def a residential single family company	1	.7
US Army	1	.7
US Marine Corps	1	.7
Vaughn	1	.7
Vaughn Construction	9	6.3
Wamhoff	1	.7
Western Specialty Contractors	1	.7
Whiting-Turner	3	2.1
Zachry Construction Corp.	1	.7
No Response	10	7.0

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 30. Spring 2021: Students' Job Titles Upon Graduation

n = 143

Response		<i>fⁿ</i>	%
Project Engineer		45	31.5
Assistant Superintendent		16	11.2
Assistant Project Manager		13	9.1
Field Engineer		11	7.7
Office Engineer		8	5.6
Project Manager		5	3.5
Builder		3	2.1
Estimator I		2	1.4
Construction Coordinator		2	1.4
Assistant Service Consultant		1	0.7
Junior Project Engineer		1	0.7
Superintendent		1	0.7
Junior Project Manager		--	--
No Response		14	9.8
MY JOB TITLE IS NOT LISTED		21	14.7
Other Job Titles			
	2nd Lieutenant	1	.7
	Assistant Field Manager	1	.7
	CO-Owner	1	.7
	College Campus Missionary	1	.7
	Construction Manager	2	1.4
	Construction Manager Phase 2	1	.7
	Designer and Salesman	1	.7
	Farm hand	1	.7
	Graduate Student	1	.7
	Graduate Student, I will be studying real estate through the MRE program	1	.7
	I do not know what it would be. I am still trying to get hired by this company.	1	.7
	I will have multiple jobs, but my primary title will be a sales rep.	1	.7
	I will shadow a safety man	1	.7
	Intern	3	2.1

		n/a	1	.7
		Navy	1	.7
		Officer	1	.7
		Still job hunting	1	.7
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.				

Table 31. Spring 2021: Student's Self-Reported Annual Salary (in \$) upon Graduation in New Position

n = 143

Response	f^a	%
15000	2	1.4
30000	1	.7
35000	1	.7
48000	1	.7
53000	2	1.4
54000	2	1.4
55000	3	2.1
57200	1	.7
58000	3	2.1
59000	1	.7
59700	1	.7
60000	13	9.1
61000	1	.7
61500	1	.7
62000	7	4.9
62500	1	.7
63000	9	6.3
63000	2	1.4
63340	1	.7
63800	1	.7
64000	3	2.1
64500	2	1.4
65000	25	17.5
66000	1	.7
66200	1	.7
66608	1	.7
67000	1	.7
68000	4	2.8
68500	1	.7
69600	1	.7
70000	9	6.3
72000	2	1.4
72450	1	.7

Table 31. Spring 2021: Student's Self-Reported Annual Salary (in \$) upon Graduation in New Position

n = 143

Response	f^a	%
72500	1	.7
74000	1	.7
80000	1	.7
300000	1	.7
No Response	33	23.1

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 32. Spring 2021: Student's Self-Reported Bonus (in \$) Receiving in New Position

n = 143

Response	f^a	%
500	1	.7
1000	2	1.4
1500	1	.7
2000	11	7.7
2350	1	.7
2500	4	2.8
3000	9	6.3
4000	4	2.8
4500	1	.7
5000	6	4.2
6000	2	1.4
6500	1	.7
7000	1	.7
7500	1	.7
12000	1	.7
18000	1	.7

Table 32. Spring 2021: Student's Self-Reported Bonus (in \$) Receiving in New Position

n = 143

Response	<i>f^a</i>	%
20000	1	.7
25000	1	.7
30000	1	.7
No Response	93	65.0

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 33. Spring 2021: Average Student Starting Salary and Bonuses by Position Title

(NOTE: This table only contains data for students reporting dollar amounts – zero dollar amounts have been extracted. Therefore total number of students in a position may be higher than the n reported in this table.)

n= 143

Response	<i>n</i>	<i>Avg</i>	<i>Std Dev</i>	<i>Min</i>	<i>Max</i>	<i>Median</i>	<i>Mode</i>
All Positions							
Salary	110	64,417.26	24419.30	15,000	300,000	64,000	65,000
Bonus	50	5,077.00	5921.21	500	30,000	3,000	2,000
Assistant Project Manager							
Salary	11	59,100.73	15483.22	15,000	72,000	63,800	65,000
Bonus	6	4,166.67	1534.85	2,000	7,000	4,000	3,000
Assistant Superintendent							
Salary	14	63,170.04	4414.56	57,200	74,000	63,170	63,000
Bonus	4	2,175.00	835.04	1,000	3,000	2,175	1,000
Assistant Service Consultant							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Builder							
Salary	2	67,500.00	3535.53	65,000	70,000	67,500	65,000
Bonus	1	20,000	--	20,000	20,000	20,000	20,000
Construction Coordinator							
Salary	2	70,250.00	3181.98	68,000	72,500	70,250	68,000
Bonus	1	7,500	--	7,500	7,500	7,500	7,500

Table 33. Spring 2021: Average Student Starting Salary and Bonuses by Position Title

(NOTE: This table only contains data for students reporting dollar amounts – zero dollar amounts have been extracted. Therefore total number of students in a position may be higher than the n reported in this table.)

n = 143

Response	<i>n</i>	<i>Avg</i>	<i>Std Dev</i>	<i>Min</i>	<i>Max</i>	<i>Median</i>	<i>Mode</i>
Estimator 1							
Salary	2	65,000.00	7071.07	60,000	70,000	65,000	60,000
Bonus	1	1,000.00	--	1,000	1,000	1,000	1,000
Field Engineer							
Salary	8	63,125.00	3943.80	55,000	68,000	64,000	64,000
Bonus	4	3,000.00	707.11	2,500	4,000	2,750	2,500
General Foreman							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Junior Estimator							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Junior Project Engineer							
Salary	1	70,000.00	--	70,000	70,000	70,000	70,000
Bonus	1	4,000.00	--	4,000	4,000	4,000	4,000
Junior Project Manager							
Salary							
Bonus							

Table 33. Spring 2021: Average Student Starting Salary and Bonuses by Position Title

(NOTE: This table only contains data for students reporting dollar amounts – zero dollar amounts have been extracted. Therefore total number of students in a position may be higher than the n reported in this table.)

n = 143

Response	<i>n</i>	<i>Avg</i>	<i>Std Dev</i>	<i>Min</i>	<i>Max</i>	<i>Median</i>	<i>Mode</i>
Office Engineer							
Salary	8	65,081.25	3720.41	62,000	72,450	64,000	62,000
Bonus	3	4,333.33	2081.87	2,000	6,000	5,000	2,000
Project Controls Scheduling Analyst							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Project Engineer							
Salary	42	64,419.05	3137.05	59,000	72,000	65,000	65,000
Bonus	19	4,947.37	6068.81	1,500	25,000	3,000	2,000
Project Engineer II							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Project Manager							
Salary	3	54,666.67	2886.75	53,000	58,000	53,000	53,000
Bonus	3	5,333.33	5773.50	2,000	12,000	2,000	2,000
Rotational Project Engineer							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--

Table 33. Spring 2021: Average Student Starting Salary and Bonuses by Position Title

(NOTE: This table only contains data for students reporting dollar amounts – zero dollar amounts have been extracted. Therefore total number of students in a position may be higher than the n reported in this table.)

n= 143

Response	<i>n</i>	<i>Avg</i>	<i>Std Dev</i>	<i>Min</i>	<i>Max</i>	<i>Median</i>	<i>Mode</i>
Purchasing Agent							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Project Manager Associate							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
Superintendent							
Salary	1	65,000.00	--	65,000	65,000	65,000	65,000
Bonus	1	5,000.00	--	5,000	5,000	5,000	5,000
Traveling Project Engineer							
Salary	--	--	--	--	--	--	--
Bonus	--	--	--	--	--	--	--
My Job Title is Not Listed							
Salary	16	68,937.50	63,554.14	15,000	300,000	60,000	60,000
Bonus	6	8,000.00	10,968.14	500	30,000	4,750	500

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 34. Spring 2021: Student Starting Salaries by Position Title*n= 143*

Response		<i>n</i>	<i>f^a</i>	<i>%</i>
All Positions				
	15000.00	143	2	1.4
	30000.00	143	1	.7
	35000.00	143	1	.7
	48000.00	143	1	.7
	53000.00	143	2	1.4
	54000.00	143	2	1.4
	55000.00	143	3	2.1
	57200.00	143	1	.7
	58000.00	143	3	2.1
	59000.00	143	1	.7
	59700.00	143	1	.7
	60000.00	143	13	9.1
	61000.00	143	1	.7
	61500.00	143	1	.7
	62000.00	143	7	4.9
	62500.00	143	1	.7
	63000.00	143	9	6.3
	63000.08	143	2	1.4
	63340.00	143	1	.7
	63800.00	143	1	.7
	64000.00	143	3	2.1
	64500.00	143	2	1.4
	65000.00	143	25	17.5
	66000.00	143	1	.7
	66200.00	143	1	.7
	66608.00	143	1	.7
	67000.00	143	1	.7
	68000.00	143	4	2.8
	68500.00	143	1	.7

Table 34. Spring 2021: Student Starting Salaries by Position Title

<i>n= 143</i>				
Response		<i>n</i>	<i>f^a</i>	%
	69600.00	143	1	.7
	70000.00	143	9	6.3
	72000.00	143	2	1.4
	72450.00	143	1	.7
	72500.00	143	1	.7
	74000.00	143	1	.7
	80000.00	143	1	.7
	300000.00	143	1	.7
	No Response	143	33	23.1
Assistant Project Manager				
	15000.00	13	1	7.7
	55000.00	13	1	7.7
	58000.00	13	1	7.7
	59700.00	13	1	7.7
	60000.00	13	1	7.7
	63800.00	13	1	7.7
	65000.00	13	2	15.4
	66608.00	13	1	7.7
	70000.00	13	1	7.7
	72000.00	13	1	7.7
	No Response	13	2	15.4
Assistant Service Consultant				
	--	--	--	--
Assistant Superintendent				
	57200.00	16	1	6.3
	58000.00	16	1	6.3
	61500.00	16	1	6.3
	62000.00	16	1	6.3
	63000.00	16	2	12.5

Table 34. Spring 2021: Student Starting Salaries by Position Title*n= 143*

Response	<i>n</i>	<i>f^a</i>	%
63000.08	16	1	6.3
63340.00	16	1	6.3
64000.00	16	1	6.3
64500.00	16	1	6.3
65000.00	16	1	6.3
68500.00	16	1	6.3
70000.00	16	1	6.3
74000.00	16	1	6.3
No Response	16	2	12.5
Builder			
65000.00	3	1	33.3
70000.00	3	1	33.3
No Response	3	1	33.3
Construction Coordinator			
68000.00	2	1	50.0
72500.00	2	1	50.0
No Response	2	--	--
Estimator 1			
60000.00	2	1	50.0
70000.00	2	1	50.0
No Response	2	--	--
Field Engineer			
55000.00	11	1	9.1
61000.00	11	1	9.1
62000.00	11	1	9.1
64000.00	11	2	18.2
65000.00	11	1	9.1
66000.00	11	1	9.1
68000.00	11	1	9.1
No Response	11	3	27.3

Table 34. Spring 2021: Student Starting Salaries by Position Title*n= 143*

Response		<i>n</i>	<i>f^a</i>	%
General Foreman				
	--	--	--	--
Junior Estimator				
	--	--	--	--
Junior Project Manager				
	--	--	--	--
	No Response	--	--	--
Junior Project Engineer				
	70000.00	1	1	100
	No Response	--	--	--
Office Engineer				
	62000.00	8	3	37.5
	63000.00	8	1	12.5
	65000.00	8	1	12.5
	66200.00	8	1	12.5
	68000.00	8	1	12.5
	72450.00	8	1	12.5
	No Response	8	--	--
Project Controls Scheduling Analyst				
	--	--	--	--
Project Engineer				
	59000.00	45	1	2.2
	60000.00	45	6	13.3
	62000.00	45	2	4.4
	62500.00	45	1	2.2
	63000.00	45	6	13.3
	63000.08	45	1	2.2
	64500.00	45	1	2.2
	65000.00	45	17	37.8
	68000.00	45	1	2.2
	69600.00	45	1	2.2

Table 34. Spring 2021: Student Starting Salaries by Position Title*n* = 143

Response	<i>n</i>	<i>f</i> ^a	%
70000.00	45	4	8.9
72000.00	45	1	2.2
No Response	45	3	6.7
Project Engineer II			
--	--	--	--
Project Manager			
53000.00	5	2	40.0
58000.00	5	1	20.0
No Response	5	2	40.0
Purchasing Agent			
--	--	--	--
Project Manager Associate			
--	--	--	--
Superintendent			
65000.00	1	1	100.0
No Response	--	--	--
My Job Title is Not Listed			
15000.00	21	1	4.8
30000.00	21	1	4.8
35000.00	21	1	4.8
48000.00	21	1	4.8
54000.00	21	2	9.5
55000.00	21	1	4.8
60000.00	21	5	23.8
65000.00	21	1	4.8
67000.00	21	1	4.8
80000.00	21	1	4.8
300000.00	21	1	4.8
No Response	21	5	23.8

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 35. Spring 2021: Student Starting Bonuses by Position Title*n = 143*

Response		<i>n</i>	<i>f^a</i>	%
All Positions				
	500	143	1	.7
	1000	143	2	1.4
	1500	143	1	.7
	2000	143	11	7.7
	2350	143	1	.7
	2500	143	4	2.8
	3000	143	9	6.3
	4000	143	4	2.8
	4500	143	1	.7
	5000	143	6	4.2
	6000	143	2	1.4
	6500	143	1	.7
	7000	143	1	.7
	7500	143	1	.7
	12000	143	1	.7
	18000	143	1	.7
	20000	143	1	.7
	25000	143	1	.7
	30000	143	1	.7
	No Response	143	93	65.0
Assistant Project Manager				
	2000	13	1	7.7
	3000	13	2	15.4
	5000	13	2	15.4
	7000	13	1	7.7
	No Response	13	7	53.8
Assistant Service Consultant				
	--	--	--	--
	No Response	--	--	--

Table 35. Spring 2021: Student Starting Bonuses by Position Title*n = 143*

Response		<i>n</i>	<i>f^a</i>	%
Assistant Superintendent				
	1000	16	1	6.3
	2000	16	1	6.3
	2350	16	1	6.3
	3000	16	1	6.3
	No Response	16	12	75.0
Builder				
	20000	3	1	33.3
	No Response	3	2	66.7
Construction Coordinator				
	7500	2	1	50.0
	No Response	2	1	50.0
Estimator 1				
	1000	2	1	50.0
	No Response	2	1	50.0
Field Engineer				
	2500	11	2	18.2
	3000	11	1	9.1
	4000	11	1	9.1
	No Response	11	7	63.6
General Foreman				
	--	--	--	--
	No Response	--	--	--
Junior Estimator				
	--	--	--	--
	No Response	--	--	--
Junior Project Engineer				
	4000	1	1	100.0
	No Response	1	--	--
Junior Project Manager				
	--			
	No Response			

Table 35. Spring 2021: Student Starting Bonuses by Position Title*n = 143*

Response		<i>n</i>	<i>f^a</i>	%
Office Engineer				
	2000	8	1	12.5
	5000	8	1	12.5
	6000	8	1	12.5
	No Response	8	5	62.5
Project Controls Scheduling Analyst				
	--	--	--	--
	No Response	--	--	--
Project Engineer				
	1500	45	1	2.2
	2000	45	5	11.1
	2500	45	2	4.4
	3000	45	5	11.1
	4000	45	2	4.4
	5000	45	1	2.2
	6500	45	1	2.2
	18000	45	1	2.2
	25000	45	1	2.2
	No Response	45	26	57.8
Project Engineer II				
	--	--	--	--
	No Response	--	--	--
Project Manager				
	2000	5	2	40.0
	12000	5	1	20.0
	No Response	5	2	40.0
Project Manager Associate				
	--	--	--	--
	No Response	--	--	--
Superintendent				
	5000	1	1	100.0
	No Response	1	--	--

Table 35. Spring 2021: Student Starting Bonuses by Position Title*n = 143*

Response		<i>n</i>	<i>f^a</i>	%
Purchasing Agent				
	--	--	--	--
	No Response	--	--	--
My Job Title is Not Listed				
	500	21	1	4.8
	2000	21	1	4.8
	4500	21	1	4.8
	5000	21	1	4.8
	6000	21	1	4.8
	30000	21	1	4.8
	No Response	21	15	71.4
Note: ^a Frequencies may not total stated <i>n</i> because of missing data.				

Table 36. Spring 2021: Mean Score of Students' Response to the Question: "As a result of your COSC degree program, how confident do you feel in your ability to:"

SLO #	Student Learning Outcome	<i>n</i>	M	SD	Confidence
6.	Analyze professional decisions based upon ethical principles	141	3.60	.5591	Very Confident
7.	Analyze construction documents for planning and management of construction processes	142	3.51	.6158	Very Confident
1.	Create written communications appropriate to the construction discipline	142	3.50	.6160	Confident
9.	Apply construction management skills as a member of a multi-disciplinary team	142	3.49	.6272	Confident
8.	Analyze methods, materials, and equipment used to construct projects	142	3.48	.6382	Confident
2.	Create oral communications appropriate to the construction industry	142	3.46	.6145	Confident
15.	Understand construction quality assurance and control	142	3.37	.7107	Confident
12.	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process	142	3.35	.6435	Confident
16.	Understand construction project control processes	142	3.32	.6900	Confident
20.	Understand the basic principles of mechanical, electrical and piping systems	142	3.30	.6841	Confident
13.	Understand construction risk management	142	3.28	.6454	Confident
10.	Apply electronic-based technology to manage the construction process	142	3.28	.7280	Confident
14.	Understand construction accounting and cost control	142	3.15	.7273	Confident
4.	Create a construction project cost estimate	142	3.15	.7805	Confident
18.	Understand the basic principles of sustainable construction	142	3.13	.7069	Confident
3.	Create a construction project safety plan	141	3.10	.7300	Confident
17.	Understand the legal implications of contract, common, and regulatory law to manage a construction project	141	3.05	.8646	Confident
19.	Understand the basic principles of structural behavior	142	2.95	.7656	Confident
5.	Create construction project schedules	142	2.88	.8378	Confident
11.	Apply basic surveying techniques for construction layout and control	142	2.34	1.010	Somewhat Confident
<p>Note: Very Confident = 3.51 – 4.00; Confident = 2.51 – 3.50; Somewhat Confident = 1.51 – 2.50; Not Confident = 1.00 – 1.50</p> <p>* Number of participants who answered "Don't Know" were excluded from calculation of Importance Level.</p>					

Table 37. Spring 2021: Mean Score of Students' Response to the Question: "How important do you believe each of the following will be in your future career?"

SLO #	Student Learning Outcome	<i>n</i>	M	SD	Importance
1.	Create written communications appropriate to the construction discipline	141	3.74	.4876	Very Important
2.	Create oral communications appropriate to the construction industry	141	3.73	.4911	Very Important
7.	Analyze construction documents for planning and management of construction processes	141	3.73	.5329	Very Important
9.	Apply construction management skills as a member of a multi-disciplinary team	141	3.69	.5090	Very Important
5.	Create construction project schedules	141	3.67	.5916	Very Important
8.	Analyze methods, materials, and equipment used to construct projects	141	3.65	.5208	Very Important
15.	Understand construction quality assurance and control	141	3.65	.5604	Very Important
16.	Understand construction project control processes	141	3.64	.5641	Very Important
12.	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process	141	3.62	.5417	Very Important
6.	Analyze professional decisions based upon ethical principles	141	3.62	.6286	Very Important
10.	Apply electronic-based technology to manage the construction process	141	3.62	.6286	Very Important
17.	Understand the legal implications of contract, common, and regulatory law to manage a construction project	140	3.61	.5701	Very Important
14.	Understand construction accounting and cost control	141	3.57	.6004	Very Important
13.	Understand construction risk management	141	3.57	.6462	Very Important
20.	Understand the basic principles of mechanical, electrical and piping systems	141	3.56	.6253	Very Important
4.	Create a construction project cost estimate	141	3.56	.7007	Very Important
3.	Create a construction project safety plan	141	3.38	.7887	Important
19.	Understand the basic principles of structural behavior	141	3.31	.7381	Important
18.	Understand the basic principles of sustainable construction	141	3.30	.7814	Important
11.	Apply basic surveying techniques for construction layout and control	140	2.91	1.105	Important
Note: Very Important = 3.51 – 4.00; Important = 2.51 – 3.50; Somewhat Important = 1.51 – 2.50; Not Important = 1.00 – 1.50					
* Number of participants who answered "Don't Know" were excluded from calculation of Importance Level.					

Table 38. Spring 2021: Student Responses to the Question: “As a result of your COSC degree program, how confident do you feel in your ability to:”

n = 143

		Very Confident		Confident		Somewhat Confident		Not Confident	
SLO #	Student Learning Outcomes	<i>f</i> ^a	%	<i>f</i> ^a	%	<i>f</i> ^a	%	<i>f</i> ^a	%
6.	Analyze professional decisions based upon ethical principles	90	62.9	46	32.2	5	3.5	--	--
7.	Analyze construction documents for planning and management of construction processes	81	56.6	54	37.8	6	4.2	1	0.7
1.	Create written communications appropriate to the construction discipline	79	55.2	56	39.2	6	4.2	1	0.7
9.	Apply construction management skills as a member of a multi-disciplinary team	78	54.5	56	39.2	7	4.9	1	0.7
8.	Analyze methods, materials, and equipment used to construct projects	78	54.5	55	38.5	8	5.6	1	0.7
2.	Create oral communications appropriate to the construction industry	74	51.7	59	41.3	9	6.3	--	--
15.	Understand construction quality assurance and control	71	49.7	54	37.8	16	11.2	1	0.7
12.	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process	63	44.1	66	46.2	13	9.1	--	--
16.	Understand construction project control processes	63	44.1	63	44.1	15	10.5	1	0.7
20.	Understand the basic principles of mechanical, electrical and piping systems	61	42.7	63	44.1	18	12.6	--	--
10.	Apply electronic-based technology to manage the construction process	61	42.7	62	43.4	17	11.9	2	1.4
13.	Understand construction risk management	55	38.5	72	50.3	15	10.5	--	--
4.	Create a construction project cost estimate	52	36.4	62	43.4	25	17.5	3	2.1
14.	Understand construction accounting and cost control	49	34.3	67	46.9	25	17.5	1	0.7
17.	Understand the legal implications of contract, common, and regulatory law to manage a construction project	49	34.3	57	39.9	28	19.6	7	4.9
18.	Understand the basic principles of sustainable construction	44	30.8	75	52.4	21	14.7	2	1.4
3.	Create a construction project safety plan	43	30.1	71	49.7	25	17.5	2	1.4
19.	Understand the basic principles of structural behavior	34	23.8	71	49.7	33	23.1	4	2.8
5.	Create construction project schedules	33	23.1	68	47.6	32	22.4	9	6.3
11.	Apply basic surveying techniques for construction layout and control	21	14.7	41	28.7	45	31.5	35	24.5

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 39. Spring 2021: Student Responses to the Question: “How important do you believe each of the following Student Learning Outcomes will be in your future career?”

n = 143

		Very Important		Important		Somewhat Important		Not Important	
SLO #	Student Learning Outcomes	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%
7.	Analyze construction documents for planning and management of construction processes	109	76.2	26	18.2	6	4.2	--	--
1.	Create written communications appropriate to the construction discipline	107	74.8	31	21.7	3	2.1	--	--
2.	Create oral communications appropriate to the construction industry	106	74.1	32	22.4	3	2.1	--	--
5.	Create construction project schedules	103	72.0	31	21.7	6	4.2	1	0.7
9.	Apply construction management skills as a member of a multi-disciplinary team	100	69.9	38	26.6	3	2.1	--	--
6.	Analyze professional decisions based upon ethical principles	98	68.5	32	22.4	11	7.7	--	--
15.	Understand construction quality assurance and control	97	67.8	40	28.0	3	2.1	1	0.7
10.	Apply electronic-based technology to manage the construction process	97	67.8	35	24.5	8	5.6	1	0.7
8.	Analyze methods, materials, and equipment used to construct projects	95	66.4	43	30.1	3	2.1	--	--
16.	Understand construction project control processes	95	66.4	42	29.4	3	2.1	1	0.7
4.	Create a construction project cost estimate	94	65.7	34	23.8	11	7.7	2	1.4
12.	Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process	92	64.3	45	31.5	4	2.8	--	--
17.	Understand the legal implications of contract, common, and regulatory law to manage a construction project	92	64.3	42	29.4	6	4.2	--	--
13.	Understand construction risk management	92	64.3	39	27.3	9	6.3	1	0.7
20.	Understand the basic principles of mechanical, electrical and piping systems	89	62.2	42	29.4	10	7.0	--	--
14.	Understand construction accounting and cost control	88	61.5	47	32.9	5	3.5	1	0.7
3.	Create a construction project safety plan	76	53.1	46	32.2	15	10.5	4	2.8
18.	Understand the basic principles of sustainable construction	68	47.6	49	34.3	22	15.4	2	1.4
19.	Understand the basic principles of structural behavior	66	46.2	54	37.8	20	14.0	1	0.7
11.	Apply basic surveying techniques for construction layout and control	58	40.6	32	22.4	29	20.3	21	14.7

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 40. Spring 2021: Students' Response to the Question "After Completing the COSC Program, What Do You Believe is Your:

n = 143

Question	Excellent		Good		Average		Fair		Poor		Not Applicable	
	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%	<i>f^a</i>	%
Preparation to Apply Ethical Principles	85	59.4	53	37.1	3	2.1	--	--	1	0.7	--	--
Preparation to Apply Critical Thinking Skills	102	71.3	37	25.9	2	1.4	1	0.7	--	--	--	--
Overall Construction Science Competence	84	58.7	55	38.5	1	0.7	1	0.7	1	0.7	--	--
Preparation for Life-Long Learning	94	65.7	42	29.4	5	3.5	--	--	1	0.7	--	--
Level of Social Competence	88	61.5	47	32.9	6	4.2	1	0.7	--	--	--	--
Level of Cultural Competence	70	49.0	55	38.5	12	8.4	3	2.1	2	1.4	--	--
Level of Global Competence	47	32.9	60	42.0	27	18.9	3	2.1	3	2.1	--	--

Note: ^aFrequencies may not total stated *n* because of missing data.

Table 41. Spring 2021: Student's Self-Identified Most Challenging COSC Classes*n = 143*

		Most Challenging 1 st Choice		Most Challenging 2 nd Choice	
Courses		<i>fⁿ</i>	%	<i>fⁿ</i>	%
	COSC 375: Estimating II	100	69.9	24	16.8
	COSC 475: Construction Scheduling	17	11.9	35	24.5
	COSC 321: Structures I	5	3.5	14	9.8
	COSC 440-446: Capstone	3	2.1	11	7.7
	COSC 325: Environmental Controls I	3	2.1	7	4.9
	COSC 254: Methods and Materials II	3	2.1	5	3.5
	COSC 301: Surveying	2	1.4	9	6.3
	COSC 477: Project Controls	2	1.4	4	2.8
	COSC 326: Environmental Controls II	2	1.4	3	2.1
	COSC 353: Project Management	1	0.7	19	13.3
	COSC 175: Construction Graphics	1	0.7	1	0.7
	COSC 275: Estimating I	1	0.7	1	0.7
	COSC 463: Construction Law I	1	0.7	--	--
	COSC 421: Structures II	--	--	3	2.1
	COSC 465: Construction Law II	--	--	3	2.1
	COSC 253: Methods and Materials I	--	--	2	1.4
	COSC 153: Introduction to Construction Industry	--	--	--	--
	COSC 381: Ethics in Construction Industry	--	--	--	--
	COSC 364: Safety I	--	--	--	--
	COSC 461: Building Information Modeling (BIM)	--	--	--	--
	COSC 464: Safety II	--	--	--	--
	COSC 494: Internship	--	--	--	--
	Other	2	1.4	2	1.4
	Did Not Respond	--	--	--	--

Table 42. Spring 2021: Student's Self-Identified Least Challenging COSC Classes*n = 143*

		Least Challenging 1 st Choice		Least Challenging 2 nd Choice	
Courses		<i>fⁿ</i>	%	<i>fⁿ</i>	%
	COSC 364: Safety I	60	42.0	38	26.6
	COSC 381: Ethics in Construction Industry	26	18.2	26	18.2
	COSC 175: Construction Graphics	21	14.7	23	16.1
	COSC 253: Methods and Materials I	9	6.3	15	10.5
	COSC 494: Internship	4	2.8	9	6.3
	COSC 153: Introduction to Construction Industry	4	2.8	4	2.8
	COSC 254: Methods and Materials II	4	2.8	2	1.4
	COSC 464: Safety II	3	2.1	7	4.9
	COSC 353: Project Management	2	1.4	2	1.4
	COSC 421: Structures II	2	1.4	1	0.7
	COSC 275: Estimating I	2	1.4	--	--
	COSC 321: Structures I	2	1.4	--	--
	COSC 463: Construction Law I	1	0.7	3	2.1
	COSC 465: Construction Law II	1	0.7	2	1.4
	COSC 440-446: Capstone	1	0.7	--	--
	COSC 477: Project Controls	--	--	5	3.5
	COSC 301: Surveying	--	--	3	2.1
	COSC 326: Environmental Controls II	--	--	3	2.1
	COSC 325: Environmental Controls I	--	--	--	--
	COSC 351: Construction Equipment	--	--	--	--
	COSC 375: Estimating II	--	--	--	--
	COSC 461: Building Information Modeling (BIM)	--	--	--	--
	COSC 475: Construction Scheduling	--	--	--	--
	Other	--	--	--	--
	Did Not Respond	1	0.7	--	--

Table 43. Spring 2021: Student's Self-Identified Most Enjoyable COSC Classes*n = 143*

		Most Enjoyable 1 st Choice		Most Enjoyable 2 nd Choice	
Courses		<i>f^a</i>	%	<i>f^a</i>	%
	COSC 375: Estimating II	25	17.5	14	9.8
	COSC 477: Project Controls	22	15.4	14	9.8
	COSC 440-446: Capstone	21	14.7	17	11.9
	COSC 494: Internship	16	11.2	16	11.2
	COSC 325: Environmental Controls I	14	9.8	9	6.3
	COSC 253: Methods and Materials I	13	9.1	10	7.0
	COSC 463: Construction Law I	7	4.9	6	4.2
	COSC 275: Estimating I	4	2.8	7	4.9
	COSC 421: Structures II	4	2.8	2	1.4
	COSC 254: Methods and Materials II	3	2.1	11	7.7
	COSC 353: Project Management	3	2.1	1	0.7
	COSC 364: Safety I	2	1.4	6	4.2
	COSC 475: Construction Scheduling	2	1.4	4	2.8
	COSC 326: Environmental Controls II	2	1.4	2	1.4
	COSC 175: Construction Graphics	1	0.7	3	2.1
	COSC 301: Surveying	1	0.7	3	2.1
	COSC 465: Construction Law II	1	0.7	2	1.4
	COSC 321: Structures I	--	--	4	2.8
	COSC 464: Safety II	--	--	3	2.1
	COSC 381: Ethics in Construction Industry	--	--	2	1.4
	COSC 461: Building Information Modeling (BIM)	--	--	2	1.4
	COSC 153: Introduction to Construction Industry	--	--	1	0.7
	Other	1	0.7	3	2.1
	Did Not Respond	1	0.7	1	0.7

Table 44. Spring 2021: Student's Self-Identified Least Enjoyable COSC Class

n = 143

		Least Enjoyable 1 st Choice		Least Enjoyable 2 nd Choice	
Courses		<i>fⁿ</i>	%	<i>fⁿ</i>	%
	COSC 475: Construction Scheduling	26	18.2	17	11.9
	COSC 301: Surveying	25	17.5	27	18.9
	COSC 321: Structures I	21	14.7	24	16.8
	COSC 353: Project Management	17	11.9	25	17.5
	COSC 375: Estimating II	11	7.7	5	3.5
	COSC 325: Environmental Controls I	9	6.3	4	2.8
	COSC 326: Environmental Controls II	8	5.6	8	5.6
	COSC 175: Construction Graphics	6	4.2	2	1.4
	COSC 477: Project Controls	4	2.8	--	--
	COSC 254: Methods and Materials II	3	2.1	4	2.8
	COSC 275: Estimating I	3	2.1	--	--
	COSC 465: Construction Law II	2	1.4	4	2.8
	COSC 253: Methods and Materials I	1	0.7	3	2.1
	COSC 421: Structures II	1	0.7	3	2.1
	COSC 440-446: Capstone	1	0.7	1	0.7
	COSC 463: Construction Law I	1	0.7	3	2.1
	COSC 381: Ethics in Construction Industry	--	--	3	2.1
	COSC 461: Building Information Modeling (BIM)	--	--	1	0.7
	COSC 494: Internship	--	--	1	0.7
	COSC 153: Introduction to Construction Industry	--	--	--	--
	COSC 364: Safety I	--	--	--	--
	COSC 464: Safety II	--	--	--	--
3.5	Other	3	2.1	--	--
	Did Not Respond	1	0.7	3	2.1

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
1.	all my buddies taking the same classes inside of Francis
2.	Areas to study, layout, labs
3.	Being able to hang out and work in there, which you can't do currently.
4.	Building is up to date and serves student well in all aspects of classrooms, study space, monitor screens, etc.
5.	Classrooms have ample space, lab rooms are great.
6.	Comfortable classrooms Good lighting Exposed systems/materials
7.	Enough rooms to study and relax between classes
8.	Environment with classmates
9.	Every professor was actively present throughout Francis Hall and the study areas available for students to relax and work together
10.	Exposed ceilings, electrical rooms, and mechanical rooms.
11.	Exposed items of structure and MEP
12.	Exposed, labeled MEP systems for learning purposes
13.	Francis Hall allowed us to ask each other questions and help us through our degree. Allowed me to make friends in my major and find study groups.
14.	Francis hall as an interactive learning environment will always be remembered by my time at TAMU
15.	Francis Hall is up to date, clean, and well maintained. There are multiple areas for COSC students to gather and work on team projects. There are monitors for students to plug in their computers and utilize multiple screens. The rooms in which we hold classes are excellent for learning. The comfort of the entire building is sufficient.
16.	Gary Boldt

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
17.	Good location on campus
18.	Has a lot of places for students to work and study.
19.	How professors take the time to stop and talk to the students.
20.	How there are no ceiling tiles and the students can see MEPs
21.	How welcoming the environment is
22.	How willing all of the Professors are to help even if you are not in their class.
23.	How you can see all the interworking of the building
24.	How you can see through the ceilings and walls to see construction items.
25.	I enjoy how it feels like a small community on campus. Francis Hall for me is somewhere where I always feel like I belong and that the faculty and staff will always be there to help me. I feel safe in Francis Hall. i also have enjoyed being able to learn from Francis hall's renovation. We get to learn about MEP systems by just walking around the building.
26.	I enjoy the close-knit community that the construction science department has. I believe having good relationships with my professors and other students has allowed me to do better in my classes.
27.	I enjoyed Francis Hall and how all COSC classes were located there.
28.	I enjoyed getting to know a lot of the students in my class and the type of people who are Construction Science students. Part of the reason that I left Mays was due to the culture and type of students that are a part of that department.
29.	I enjoyed the atmosphere it brought to the students, with the exposed MEP so the students can see what they will be working with in their career path

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
30.	I enjoyed the chemistry with classmates that was generated through the use of Francis Hall, with Covid spreading out classes this past year has been lost which was sad as a graduating senior. I enjoyed the study spaces or having classes that were easy to get to or all located in Francis. It makes collaboration easy and also allows you to stay on top of your school work when you are able to communicate and locate your classmates all day in the halls and after class.
31.	I enjoyed the layout.
32.	I like how all the MEP is exposed.
33.	I like how all the MEP systems are exposed, giving students a chance to learn first-hand what they see in their MEP courses.
34.	I like how Francis hall has been renovated to show of the visible MEP systems.
35.	I like how it is built in a way that can help teach cosc major about construction.
36.	I like how it is not finished and we can see all of the MEP items that would usually be above the ceilings.
37.	I like how the monitors in all labs are accessible to all students. There are also a ton of outlets.
38.	I like how there are places for students to meet and do group work.
39.	I like that Francis Hall was remodeled so that some things are left uncovered and we can walk around and see how buildings are built and what they should look like.
40.	I like that it is a building filled with other COSC students, and the environment is unlike any other place on campus. I like that I know everyone there, and it acted as my home on campus.
41.	I like that the building was renovated to expose different construction systems that we were able to integrate into different courses.
42.	I like the atmosphere. When you walk in it's like a family vibe

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
43.	I like the building because of what it shows us in regards to the scope of work. Some things are left uncovered and there are many things we can visually see and learn what it is. MEP with Prof. Houston is great example because we need to identify the equipment which allowed me to learn much more. I do like the size of it, the way class rooms are set up, how we are able to meet with our profs there and also do some studying. I wish there were more study rooms available because I enjoy being in Francis.
44.	I like the fact that it brings a sense of community to the students. I also think that having our own space breeds productivity.
45.	I like the modern style, I also like the fact that it is a learning building. Whoever did the design renovation did a nice job.
46.	I like the open and exposed features in the interior of the building. Pre covid, I enjoyed being able to go to Francis at any time and hang out with my friends.
47.	I liked all of its interior finishes, including all the exposed elements. I enjoyed always being in close proximity to my professor's offices.
48.	I liked how we could use the facility before COVID but now the limitations take away from collaborating with teams
49.	I liked how you could stay all night long and study or study late at night.
50.	I liked that it was a very adequate space where my fellow classmates and I could collaborate together to strengthen our education.
51.	I love the architecture aspect of Francis Hall and the resources located in Francis hall such as the estimating lab.
52.	I love the close-knit environment and the small class size that correlates to that small knit feeling.
53.	I love the environment. I always felt like it was a place where I could do work and if I ever ran into an issue, I could find either peers or faculty that would help me out.
54.	I loved most of the professors. The ones who stood out most were Mr. Fickel, Boldt, and Ellis

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
55.	I loved that Francis Hall was in a perfect location, the building design, I loved I was able to see the materials, pipes, mechanical room visible, etc. and learn more.
56.	I loved the amount of collaborative spaces there is to be with our peers to learn from each other and bond.
57.	I loved the atmosphere and being able to see inside walls and equipment
58.	If this question is referencing the building itself, then I like its location on campus along with the interior of the building being designed for students to be able to observe its interior makeup.
59.	It has culture and is the best building on campus, and it's just for COSC
60.	It is an active learning environment. I liked having professors being able to point materials and systems out in the building that we were learning about. That at least for me sticks in my mind and helps me learn.
61.	It is small enough to build a community with classmates
62.	It provides a pleasant atmosphere for class and homework.
63.	It was a place where all COSC could go to study and help each other. In this major there is a ton of teamwork and team building and I met with dozens of people in Francis who i consider to be my closest friends and soon to be coworkers.
64.	It was incredible in all aspects, might name my first child Francis...or at least my dog.
65.	It was secluded to our major specifically. We were able to collaborate more accessibly.
66.	It was very communal. There are many places around the building dedicated to student study.
67.	It's a great environment for students and professors to collaborate. My professor was never too far away when I had a question.

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
68.	Its size, not too big
69.	Lots of great study and collaboration areas. Can always walk into Francis and see somebody I know there.
70.	My favorite part about Francis Hall was all of the experiences that I had in the building. Every time I walked in I always knew someone and would have great conversations. The best part about Francis is that even though we had class in there, I never felt like I was in a classroom because I was not only learning the curriculum, I was learning about the industry and real-life experiences. I always felt like our teachers wanted to be there to teach us rather than in some other departments the teachers are only there to collect their paycheck. Francis has a great environment and I wish that COVID would not have ruined my last three semesters to enjoy that family friendly environment.
71.	Plenty of space to call 'home', often it was a place for meeting up and working, studying, or hanging out. It felt very friendly and welcoming, unlike many buildings on campus.
72.	Plenty of study space
73.	Prior to Covid, the best part about Francis was the gathering and study areas where many students would meet, talk about the industry, and share stories.
74.	Professor Boldt being there 24/7
75.	Second floor collaborative room. Always chuckled at the mannequins in the safety demo
76.	Segner auditorium and the historic preservation
77.	Segner Hall
78.	Size/location
79.	Small environment so I was able to get to know a lot of people and develop good lifelong friendships.
80.	Student areas.

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
81.	Study rooms / lab rooms
82.	That it is designated for COSC and keeps an environment that is geared around the Construction Science life style.
83.	The ability to see all of the MEP Systems.
84.	the ability to work with your groups anywhere, and to have easy access to professors
85.	The aesthetic of the building are perfect.
86.	The amount of exposure they gave for what is inside the building such as wiring and pipe work. I also loved how comfortable it makes me feel when I walk in because it is not a huge building with enormous lecture halls. This made it feel more personal and not just a numbered student in the building.
87.	The atmosphere and the feeling of unity that you get when you walk into the building knowing that all the other students have the same goal and the staff support us in that.
88.	The atmosphere of students all working together to complete assignments.
89.	The atmosphere, classrooms, and the way we are able to see into walls and see the materials we are learning about.
90.	The atmosphere, community involvement, and care received from the entire department.
91.	The building. having the materials exposed helped me tremendously.
92.	The classrooms are all set up well for learning in our industry.
93.	The classrooms are well equipped for both students and faculty.
94.	The classrooms sizes and open aspect of the MEP and layout of the building.

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
95.	The classrooms were small which allowed the professors to better engage with students to promote an effective learning environment. The technology and furnishings are nice additions. The professors were often in their offices which are close to the classrooms which made meeting after class convenient. Before Covid, Francis Hall was also open all the time allowing students a place to work late and study.
96.	The close-knit nature of the people
97.	The collaborative rooms, that were taken away during COVID.
98.	the community. Everyone in Francis Hall is just amazing and willing to help you with anything you need.
99.	The comradery between COSC students throughout the major.
100.	The comradery of seeing people you know and all working in the estimating labs together.
101.	The design of Francis Hall. It was easy to learn about MEP systems by looking at the systems that were roughed in.
102.	The environment and faculty
103.	The environment and the way I met lots of students and the accessibility of the professors
104.	The environment of Francis Hall is by far my favorite. I have spent so much time in that building that it feels like a second home by now. There are always friendly faces around the corner and professors to assist you and give you proper guidance.
105.	The estimating labs and the layout. Especially the lounge upstairs for the students that was available before COVID.
106.	The estimating labs are very useful.
107.	The exposed ceilings to view, and understand the MEP components.
108.	The exposed concept and the ability to use the building itself as a teaching tool.

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
109.	the exposed elements and classroom sizes
110.	The exposed MEP
111.	The exposed MEP systems. They helped me understand how different areas operate. Coming from a non-construction background, this helped me significantly.
112.	The facility architecture, cleanliness, student resources (estimating labs, printers, study rooms, and the lounge)
113.	The floor plan for Francis Hall allows students to easily access study areas and professors for assistance. There are few classrooms which allows students to feel comfortable each semester.
114.	The friendly environment and the layout of the building with the exposed elements of the structure.
115.	the group study rooms, the estimating lab being available to everyone between classes being held in there
116.	The interactive learning and exposed elements in classrooms
117.	The lab rooms and student work room
118.	The labs with computers that had HDMI cords with them so we could work on multiple screens at once (pre-covid).
119.	The location of it on campus and the exposed construction materials
120.	The open concept of it being a classroom everywhere you walked around due to exposed ceilings and walls.
121.	The open Construction that allows students to learn and the open access for COSC Students
122.	The open labs on first and second floor to work at all times of the day
123.	the people

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
124.	The people who are in it. We spent a lot of time in Francis, I only wish COVID didn't prevent me from spending as much time there in my senior year.
125.	The proximity of all COSC Classes and staff in the building
126.	The relationships with profs and being able to see the guts of the building.
127.	The space availability after hours and the ability to use the extra monitors really helped me out.
128.	The spaces that allow for mass student collaboration.
129.	The student study areas
130	The study areas are by far my favorite. Students really get to connect and engage by being in the study rooms and common areas, building their network with the other students.
131.	The study labs.
132.	The study rooms flanking the student lounge on the second floor were great for a quiet room to dig through plans for estimating. I also liked that Professor Houston was able to use Francis Hall's exposed HVAC systems as a teaching tool for his MEP class.
133.	The study rooms.
134.	The study spaces.
135.	The study/collaboration space.
136.	The tables to sit before class and work with classmates
137.	The team work. The culture. The availability of professors in their office.
138.	The thing I like most about Francis Hall is being able to work in all the classrooms with friends. For group projects Francis is a very positive environment.

Table 45. Spring 2021: Student Responses to the Question: “What Do You Like Most About Francis Hall?”

Student	Comment
139.	The thing that I like most about Francis Hall is that almost all of my cosci class (pre-covid) were in there along with all the professor’s offices being located in there. It allowed me to be able to see all my peers (many eventually became some of my very close friends) and develop relationships with many of the professors. I think if were spread out this would have never happened and it made me enjoy going to class every day and want to go.
140.	The uniqueness of the building. I also really enjoy the exposed concrete
141.	The various different labs, and the overall construction of the building. It is nice to have a building used as a teaching tool.
142.	The way that it is set up to allow students to walk the building and see the various construction elements such as MEP due to the open ceilings. I also like that there are places for students to go to study and do work in Francis Hall so that students can collaborate.
143.	Unfortunately, the past several semesters have been vastly different then what I had grown accustom to in Francis Hall. Holistically, I loved the feeling of being with a family, and enjoyed being able to approach anyone within the building and knowing they would help in any way possible.

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
1.	AC
2.	access for students to study rooms
3.	Airflow in the student study room on the second floor. It smells really bad in there sometimes.
4.	all is good.
5.	Allow better access for cosc students in the virtual room
6.	Be able to book rooms on a website
7.	Better lecture hall seating.
8.	Better Printers
9.	Bring back the study spaces for students. Encourage students to get back in the building.
10.	Chairs and other furniture should be updated to be more comfortable
11.	Closely monitoring the Covid-19 pandemic I would encourage Francis Hall to become more and more normalized to allow more individuals to study and work within Francis. I truly believe that the most effective spaces in Francis are those that are collaborative and ideas can run freely.
12.	Covid shut down many of the classrooms and study rooms which absolutely need to be opened back up. Cosc is about working together and building relationships and Francis needs to be completely open to do it.
13.	Expansion, more places for COSC students to work together IN Francis Hall
14.	Francis hall can be improved by allocating 1 lab room to strictly studying. It was hard to find windows of availability where I could meet with my group and have a second monitor accessible,
15.	Francis Hall could have more group study rooms, and some sort of Aggie Express would be nice.

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
16.	Francis needs 2 things: a shower and a grill. If Francis had those two things it would make it a lot easier to spend more time there.
17.	Fully utilizing it again.
18.	Getting access to the building can sometimes be very difficult during non-regular hours.
19.	Giving students 24 hour access.
20.	Have food or drinks more accessible.
21.	having bigger classrooms so all classes could be in Francis, I did not have a single class in Francis my senior year which was disappointing
22.	Having more study/lounge areas to work.
23.	Help students consider other parts of construction i feel like going to work at a General Contractor is shoved down our throats.
24.	I cannot think of anything
25.	I don't think anything needs to be improved
26.	I don't think anything needs to be improved.
27.	I think Francis Hall could be a little bigger and have another study space with more tables. I know there is talk of an expansion in the future and I think this would be a good idea. I also think though that the scooter parking in the back needs to remain in size even if the expansion causes demolition to that area. Many many construction science students use scooters or motorcycles to get to class and the convenience of parking behind the building made my days very efficient on how I could get to class for very cheap. I know many other students in the future would benefit to having scooter parking behind the building.
28.	I think Francis Hall is great the way it is!
29.	I think having chairs with outlets in Segner Auditorium like in the ARCB auditorium would be very helpful.

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
30.	I think it is good just the way it is,
31.	I think that Francis Hall could add some more study/collaborative space that students can access after class.
32.	I think the vending machines are broken, and we spend a lot of time in there and need food sometimes.
33.	I understand with Covid the study/lounge areas had to be closed, but we as students still need a place to work for group presentations, and Evans library had no rooms available to reserve.
34.	I would like to see the furniture brought back so students can collaborate again.
35.	If Francis Hall could have a couple more smaller rooms for studying with a group I think it would be very beneficial. As an officer of AGC I was allowed access to the competition room (pre-covid) which I enjoyed so much. It allowed only a select few people in there and I was able to get a lot of work with done and not be distracted by a large group of people like I would be in the estimating labs.
36.	If there was a way some rooms could be opened up to be used by the students to do work together would be cool. Overall I like the set up and how makes me feel at place.
37.	Improve amount of student workspaces
38.	In all the time I spent at Francis Hall I only saw our BIM cave used a handful of times it was never used for classes even in my BIM modeling class. Besides that the COSC department is well known for spending all nighters up at Francis Hall, and I know I spent my fair share of nights there. Integrate a place where students might be able to nap. It sounds dumb, but I know a large amount of my classmates and myself always joked around about how we needed an area like that.
39.	In my 4 years, it does feel like it has started to become more crowded. A potential extension of the building could be a thought depending on how much bigger construction science becomes.

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
40.	Increase the size to allow more students to occupy the space.
41.	Increased its size and student areas.
42.	It can get crowded at times. I would also add more printers and make sure that they work. Other than that, I love that building.
43.	It could be a bit bigger, to have more of my classes be held in.
44.	It could be bigger to be COVID compliant because I miss having classes in Francis.
45.	It is always hot
46.	It's too small- not enough study rooms.
47.	Its undersized for the growing student population
48.	Larger communal spaces, there were not a lot of spaces for the students to work on assignments and or eat.
49.	Let students gather again!!! Don't heat during the winter it's always 80+ Degrees!
50.	Make sure that all the monitors have HDMI cords because I feel like it was a constant battle during estimating.
51.	Making it more welcoming to students with different backgrounds
52.	Maybe the sizes of the building can be improved.
53.	Monitor situation could be better.
54.	More area that students can access for studying, as it can get very crowded in there at times when working on projects
55.	More areas available for group study!
56.	More available public spaces to work

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
57.	more classrooms or study rooms
58.	More common area space.
59.	More men’s restrooms
60.	More opportunities for students to use the resources at Francis hall as intended. The doors are locked too often and students are not using it to its full potential
61.	More places for students to study
62.	More places to study
63.	More Printers
64.	more printers for students
65.	More private student study rooms.
66.	More private study rooms. After COVID, open Francis up fully so students can use each other as a support system.
67.	More quiet spaces
68.	more rooms for groups of students to work together in.
69.	More seating. Additionally, the building is always very warm and quite uncomfortable
70.	More small study rooms available to use.
71.	More space could be added.
72.	More space for the growing amount of students, and to allow more study areas.
73.	More student study areas.
74.	More study and lounge areas, scheduling and estimating II having their own lab space

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
75.	More study areas, an extra printer with large printing capabilities
76.	More study areas.
77.	More study rooms
78.	More study rooms like the ones flanking the student lounge would be great. Also, tables in the classrooms where the plugs actually work would be awesome; a lot of them don't work, but sometimes if you rearrange how they're all plugged together you might make the plug you want work. The current classroom tables need a much more tamperproof plug system so the plugs aren't always messed up.
79.	more study rooms, they should leave classrooms open more often, how come we can't enter into the rooms on the 3rd floor.
80.	More study space
81.	More study space. Francis is a smaller building and with Covid study space was almost cut to non-existing
82.	more study tables on 1st level
83.	More studying rooms
84.	More tables or rooms to study
85.	More tables/chairs or areas for students not in class.
86.	More workspace area for students to work together. 2nd floor is not enough
87.	N/A
88.	no improvement needed
89.	Not sure
90.	nothing
91.	Nothing

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
92.	Nothing at all.
93.	Nothing comes to mind
94.	Nothing comes to mind.
95.	Nothing I can think of.
96.	Nothing, I like the way Francis Hall is in its current state.
97.	Nothing.
98.	Nothing. It's a great building.
99.	Open after hours.
100.	Open collaborative rooms back up. They helped me meet people as well as learn new things.
101.	Open it back up
102.	OPEN IT BACK UP FULLY
103.	Open the 2nd floor lounge again.
104.	Open the lounge!
105.	open the study rooms back up.
106.	outside seating
107.	Put the labs back the way they were so they can be used effectively instead of allowing us to use labs but giving us no access to additional monitors.
108.	Segner needs floor outlets
109.	Sometime in the future find a way to add more bathrooms.

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
110.	Sometimes the classrooms were uncomfortably warm in the late Spring and early Fall classes. Keeping the indoor climate cool during those times would improve the conditions for learning.
111.	Space seemed to be an issue at times for studying in small groups.
112.	the computer labs.
113.	The cooling of the many rooms. Often group projects were avoiding Francis Hall due to how hot the rooms became, especially in the Fall. More space for group-projects and working would be wonderful.
114.	The estimating lab upstairs
115.	The labs often had monitors without HDMI cords. These are very useful, and annoying when they do not work.
116.	The lack of space and limited classrooms.
117.	The monitors
118.	The monitors in the estimating lab need to be updated.
119.	The monitors that are available within the estimating labs do not have HDMI cords available. HDMI cords could be provided.
120.	The only improvement would be the AC system. certain rooms can feel really muggy at times.
121.	The only thing that could be improved are the vending machines and more casual seating area
122.	The only thing that I would change about Francis is to try and add more study rooms. I enjoyed studying in there so much more than at home or in the library.
123.	The size of classrooms
124.	The structure of the courses could be tweaked to better help the students learn the major they're going into.

Table 46. Spring 2021: Student Responses to the Question: “What About Francis Hall Could Be Improved?”

Student	Comment
125.	The vending machine on the second floor doesn't work. I think students should have more access to classrooms and meeting spaces.
126.	The vending machines and the use of certain study spaces.
127.	The vending machines.
128.	The vending machines. Also re-open the study rooms on the 2nd floor
129.	There be more rooms for students to collaborate and work together. Also more study space.
130	There could be more area for students to study and sit. Although there already is some area on level one and level two, these areas can become overcrowded when many students are in Francis Hall.
131.	vending machines
132.	Vending machines
133.	Vending machines, more areas to sit
134.	Wish there were more study areas, the 2nd floor one isn't very big.
135.	With Construction Science growing rapidly it would be nice to have more study areas within the building.
136.	With Covid going on I understand that operations in the building have changed, but a few of the options to study in Francis have been taken away making the only study option becoming loud and overcrowded in the building. (the middle 2nd story room)

Table 47. Spring 2021: Student General Comments

Student Response	Comment
1.	<p>- We really have the best professors! They care so much about us students. That's the first thing I tell anyone when they ask about my major. There have been so many nights when I'm in Francis working at 3:00am and there are still professors walking around checking on us and are available in their offices. If anything, they teach us how to work hard and care about others - I really wish I would have learned before my internship the scopes of work that belong to each trade. "Who does what" basically? No class really covered this. My internship was in Preconstruction and I had no clue who was responsible for caulking, wall panels, wall protection, flooring base, awnings, electrified hardware, etc... THANK YOU SO MUCH!!!</p>
2.	<p>A great program that I will miss but very honored to graduate from . I am excited to see its future and where the faculty will take it. Thank you!</p>
3.	<p>As a graduating senior it is surreal that my time at A&M is coming to a close, and is scary to think that my educational career as well it ending. Furthermore, I want to thank all construction science staff, faculty, and employees that have helped me through the past four years, and am excited to be a member of the Alumni community.</p>
4.	<p>Besides a few classes I enjoyed my education overall I hope to one day be able to give back to the program as it did to me.</p>
5.	<p>Dr. Bryant is a saint, and the department needs more forward-thinking people like him if the department is to move into the future of construction at the same rate as the industry.</p>
6.	<p>Excellent program, well prepared me for the industry.</p>
7.	<p>Excellent program. I believe every student in the program wants to best for future students, and that Professors and the department head should take it seriously when multiple students have complaints about a professor.</p>
8.	<p>Fix project management. It needs to better reflect the role of a project manager in the real world.</p>
9.	<p>get a new professor for surveying. the class is does not have a good structure at all</p>
10.	<p>Gig Em!</p>

Table 47. Spring 2021: Student General Comments

Student Response	Comment
11.	Good program.
12.	Great program, but I am aiming to follow the superintendent route so a focus on this career path would be great. For example, a class(es) that provide critical thinking scenarios on which a superintendent needs to solve problems and issues that typically arise in the commercial industry would be beneficial to students like me who don't plan to follow the project manager or estimator route.
13.	Great program. The career fair has fallen off significantly since it has moved to all online. There are even fewer civil companies now than ever. Such a huge focus on large commercial GC's and I don't know why. There is way more money in Civil and especially working for Subs. You might not make as much starting out but long term there is way more room for growth and if you ever want to own your own company one day it's definitely the way to go. All commercial GC's do is manage subs and beat them up on their numbers so they can make a tiny bit of profit. Why do we not talk more about the civil route or the sub route?
14.	Great University and program. I look forward to someday being able to give back to this program because it was very special to me.
15.	I am also receiving 6% commission in addition to a salary. There was no other box for this.
16.	I am extremely thankful and grateful for all the opportunities that being part of this program has brought me. Never would I have had imagined the great networking connections that I have made, the challenges I have been put in, and overcoming them when I first came in to this major. I am eternally grateful for the amazing support that the department has shown me and my peers and the great push for us to excel and be the great people that they have helped shape us to be.
17.	I am thankful for the education I have received from the Construction Science department at Texas A&M University.
18.	I am very thankful for this program and to the staff that invest into our lives.
19.	I enjoyed every minute of it and I'm sad it's time to leave.

Table 47. Spring 2021: Student General Comments

Student Response	Comment
20.	I enjoyed my time as a COSC student. the professors are top of the line and very knowledgeable. Wouldn't change my major ever
21.	I had a great overall experience in the COSC program and I would highly recommend anyone to join the program if construction is the route they decide to go.
22.	I have enjoyed my time in this department and would do it all over again. It was a great experience and I really believe that COSC has cultivated a culture of excellence, teamwork, and preparation for its students. I highly respect the professors and everything they do in order to prepare us for life outside of college and especially for life in the construction industry.
23.	I have thoroughly enjoyed my time in the construction Science program. Given the COVID pandemic, it was not ideal, but the professors went above and beyond to accommodate all students.
24.	I love COSC, but COVID was truly a struggle to complete school as I believe being in person for upper level classes is a huge part of succeeding.
25.	I love COSC!!
26.	I love so much about this program. I would not recommend it making any easier. The world does not need less qualified constructors. I want this to continue to be a prestigious program.
27.	I loved Construction Science it was an absolutely incredible experience.
28.	I loved it.
29.	I loved the Construction Science program and I have no regrets about choosing this as my major. I have learned life-long skills. There are a few changes I would suggest. I got asked numerous times in interviews if I knew how to use P6, and I always had to say no. This limited the jobs I was offered, as I was trying to go into Project Controls and Scheduling. This change would significantly improve the department. We also need to be taught that there's more to construction than just PM and supers. I plan on going into consulting after my first job, but there are also things like risk analysis and owner representatives. These are lucrative careers that our department is not teaching students they can go into.

Table 47. Spring 2021: Student General Comments

Student Response	Comment
30.	I loved the COSC program. The professors care about us and fight for us.
31.	I really appreciate everything the department has done for the students of Construction Science. I am truly blessed to have been a member of this department. Thank you for everything.
32.	I really think the COSC program is one of the best here at A&M. I could not imagine myself in any other major. The support we have received has helped me grow as a person and I am very appreciative of that.
33.	I think a hands-on class would be helpful. Learning how to frame and pour concrete with your hands would be extremely beneficial. Could also make it where we could partner with Habitat for Humanity or a similar organization. Also, the academic advisors are pretty terrible. I got much better advice by talking to my professors and classmates. They actually let me know when to take what classes and what would be more time consuming, compared to just being told to follow the degree plan to a T.
34.	I think it's a great program full of industry professionals who are experienced and competent about what matters outside the classroom.
35.	I think the COSC program should implement some kind of mentorship program in which alumni can connect with current students and current upper-level students can connect with lower-level students. It would be nice to bounce ideas off of other COSC grads while I was still in school, and it would be good for the lower-level students to bounce ideas off the upper-level students. There would be more student involvement with one another!
36.	I think the program needs to implement a class that focuses on studying plans. No matter if you have been in the industry 1 year or 50 years, you are always learning about new things on drawings. I also believe having professors who have been in the industry prior to teaching is a great attribute. The professor teaches more so from a person experience as oppose to straight from a textbook
37.	I think there needs to be more of a foreign language requirement. That is one thing I could say I think I would have been much better prepared to integrate straight into a construction site, would be if I was more competent in speaking Spanish
38.	I truly enjoyed my time in this program and learned a lot. Thank you!

Table 47. Spring 2021: Student General Comments

Student Response	Comment
39.	I want to thank Texas A&M for creating an outstanding program and look forward to growing in my life because of the opportunity from Texas A&M.
40.	If there was not a pandemic around graduation this program will have effectively taught and lead students to a career with a great future.
41.	It took me a while to receive job offers from the COSC career fair. Graduating students need more support finding a job. I understand we are going through a pandemic, but we worked so hard to earn our degree. The job offers I received were from applications I completed outside the career fair. Other than that, I feel honored to earn my BS from this great university and this great program.
42.	It was a great experience and I value my time in the department. Most of the professors were a awesome and I learned a lot. I really do wish that there were classes that were focused on Heavy Civil/Highway. I felt like the department was only focused on Residential and Commercial.
43.	learn to use the new software and introduce them to the students. Take your time on the basics. If another pandemic occurs, help the students get resources and contacts to find jobs. Emails I have sent asking for help have been ignored.
44.	Make more classes like Boldt's Estimating II, you make bonds with people in that class like no other.
45.	More professors who know the industry in and out!!!!
46.	N/A
47.	N/a thanks for the ride I'm ready to graduate ðŸ§‘â€œðŸŽ“ t
48.	None.
49.	Overall great experience! Needs improvement : New Hires - technology courses should have one required
50.	Overall I liked the program a lot, there is a sense of comradery in the COSC program that is unlike any other major on campus. I was able to make many new friends and connections through the program.
51.	Overall my experience here at TAMU was great. I look forward to working in the construction industry.

Table 47. Spring 2021: Student General Comments

Student Response	Comment
52.	Overall, the construction industry is not for me. So, I know some of my comments are a reflection of my disinterest in this industry. However, some curriculum I felt was not necessary or that some professors' methods were aggressive/not helpful.
53.	Overall, this is a great program. If anyone is interested in pursuing a career in the construction industry, this is the school for them.
54.	Please consider some trade skills electives, and keep the surveying class alive! The project management class needed some major tweaking as I mentioned earlier in the survey.
55.	Please Don't let materials and methods go, Delete project management, install a superintendent course, increase more project-based learning.
56.	Some of the required business classes are really unnecessary. Marketing is the one that stands out the most. It is a filler class that could be replaced with something more useful or just completely removed. Our core curriculum is really packed and replacing MKTG 409 with ISTM would be way better. ISTM is not required but it is the business class that I got the most out of along with MGMT 209. MKTG 409 is really bad! A big part of our grade is participating in marketing studies that just take advantage of the free data that students are forced to provide to pass the class. Very infuriating. Tests are horrible. Have very strong feelings against that class.
57.	Thank You
58.	Thank you for everything!
59.	Thank you for providing an excellent higher education program. I was born and raised in the construction industry and this program has opened so many doors for a greater future. I was told myself if you're going to do something, be the best you can be and this program certainly reinforced what I need to achieve in life. Don't for any sake make this program easier for the sake of getting more students in. Remain competitive, get the pros that really want to challenge kids so they can continue excelling in the industry.
60.	Thanks and Gig'em

Table 47. Spring 2021: Student General Comments

Student Response	Comment
61.	The COSC staff and administration were extremely helpful. Specifically, Shelley Smith and Dr. Suermann. The COSC advisers were a lifeline to me. They deserve to be recognized as well. Specifically, Mr. Wu was very helpful and relatable. He believed in me.
62.	The faculty and staff have left a remarkable impact on my life. Some professors I call mentor, and some I call dear friend. Truly I leave prepared to enter into our industry with all the skills, knowledge, and virtues necessary to leave a lasting legacy. Thanks for everything
63.	The professors are amazing. They really desire our success. I feel that the culture in the program is unbeatable and everyone treats you like family.
64.	The program does a lot of good and bad. The bad is all that needs to be changed. The two major problems are lack of teaching of shop drawings and lack of teaching of submittals and the process that goes along with it.
65.	The program has taught me so much about myself and how to become a leader that is respected and relied-upon by teammates and fellow employees. This program provided me with a strong network of aggies going into the same field as well
66.	The program really is the best at the university. I also have full faith this is the greatest COSC program or construction related program in the country. The life-long memories and friendships I have made during my time in this department are unmeasurable and invaluable. Professor Boldt, Fickel, and Palmer are the three greatest resources the department has and I hope they are here for a long time.
67.	This is a great program. It is important for me to see this program succeed because this is what backs my diploma.
68.	This is an outstanding program that has prepared me for the real world and construction industry. Thank you for everything.
69.	This program has taught me how to work hard and present myself in a professional manner.

Table 47. Spring 2021: Student General Comments

Student Response	Comment
70.	This program is good. If the department can clean up a little bit and keep instructors in line this program would be great. I hope that when I come back to recruit from this program that the students had better experiences in certain classes than me and my classmates did. I am hopeful for change.
71.	Very happy I did COSC
72.	Was a great time!