

**Master's Degree Program Three Year Out
Alumni Survey 2016 Results and Assessment
Report**

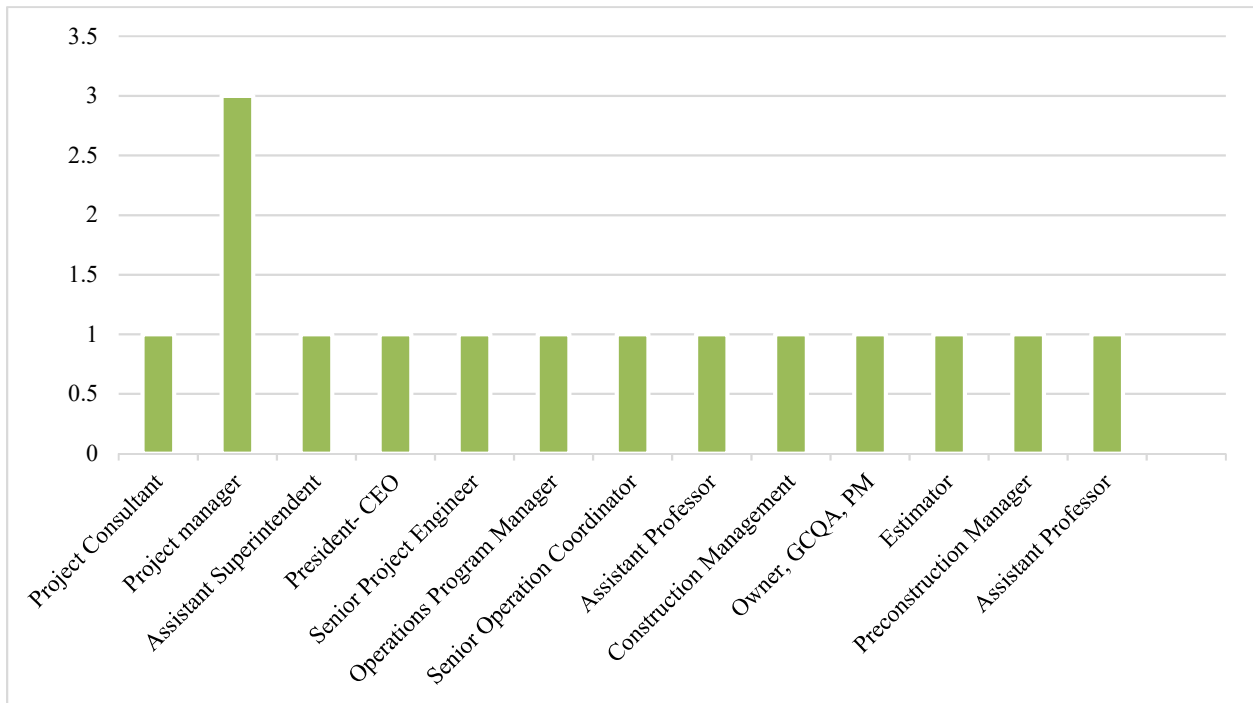
Kennesaw State University
Construction Management

Master Degree Program Alumni Survey 2016 Results

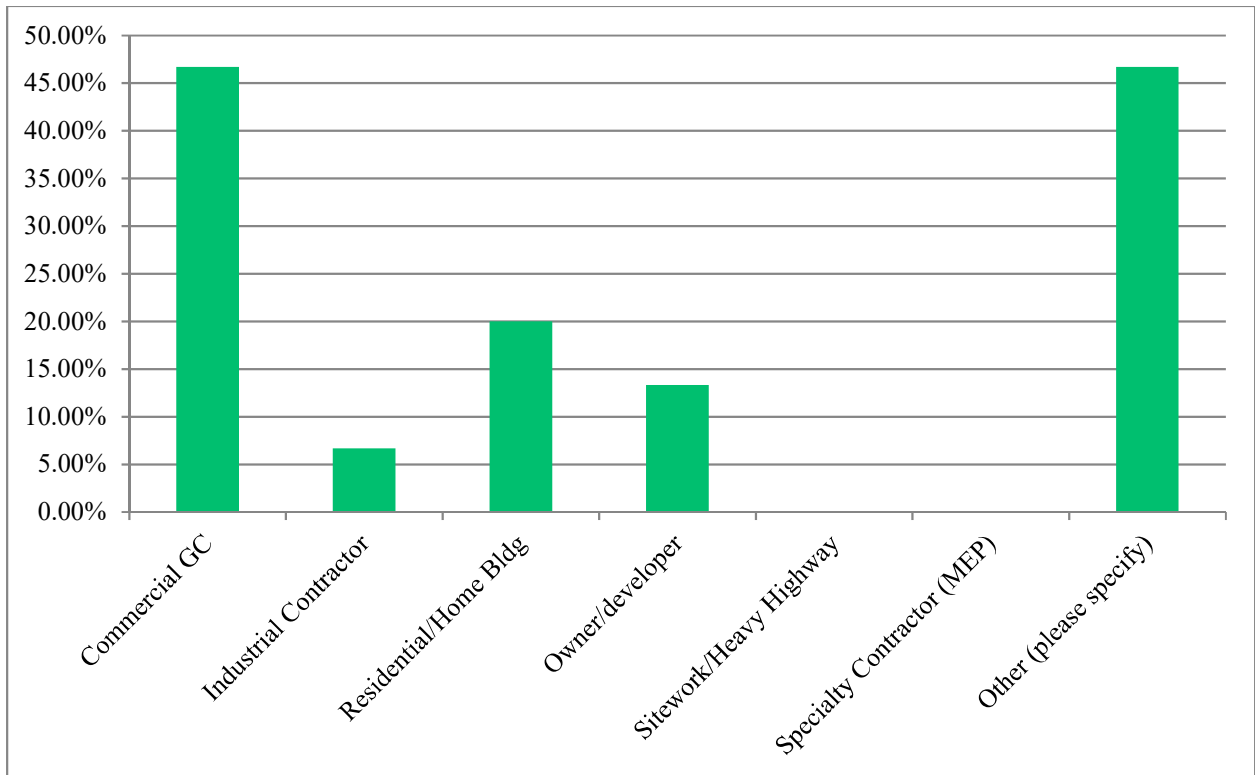
1. In what year did you graduate?

	Year	Responses
1	1993	1
2	2004	2
3	2009	1
4	2010	1
5	2011	2
6	2012	4
7	2013	1
8	2014	1
9	2015	1
10	2016	1

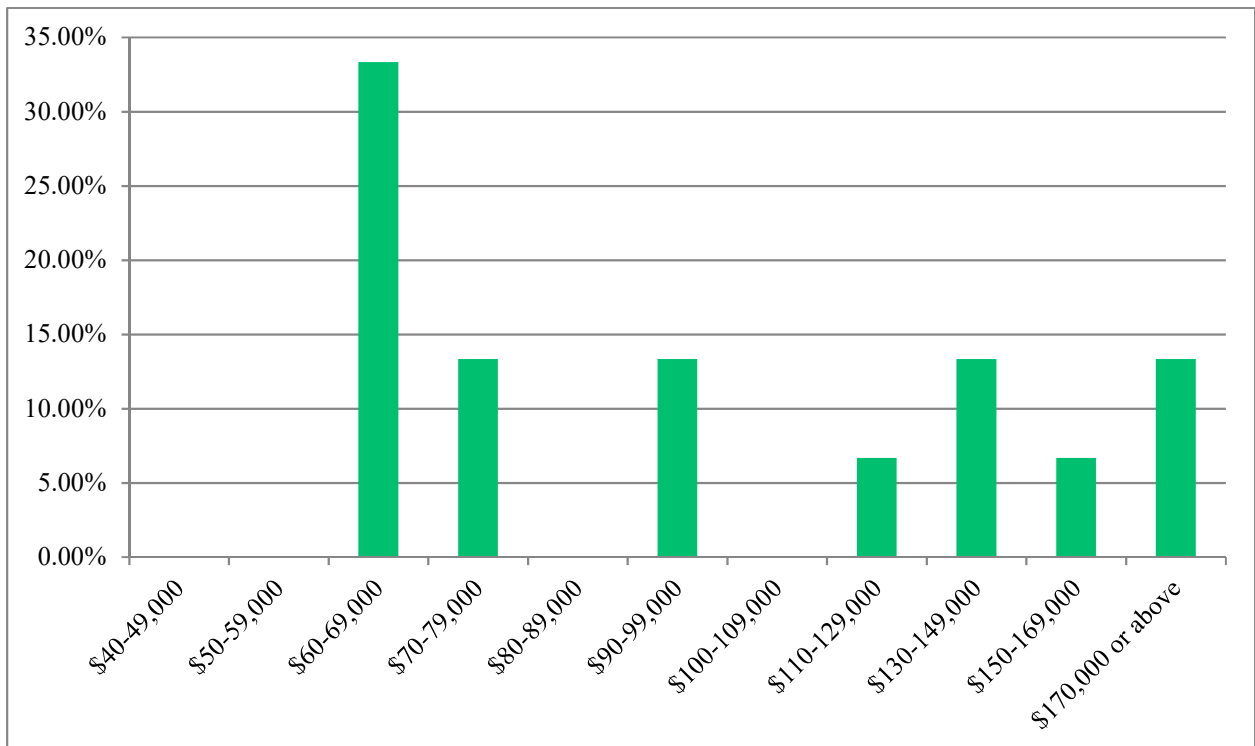
2. What is the title of the position you currently hold?



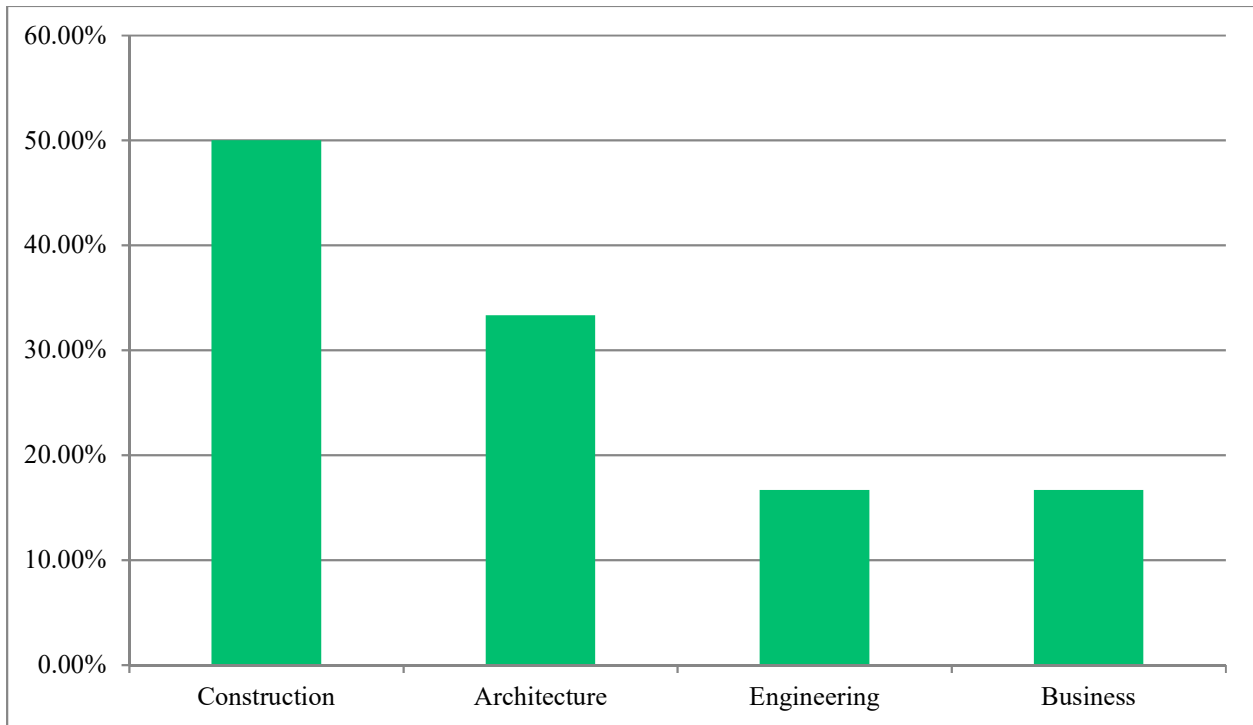
3. Please check which areas best describes your current organization. Check all that apply.



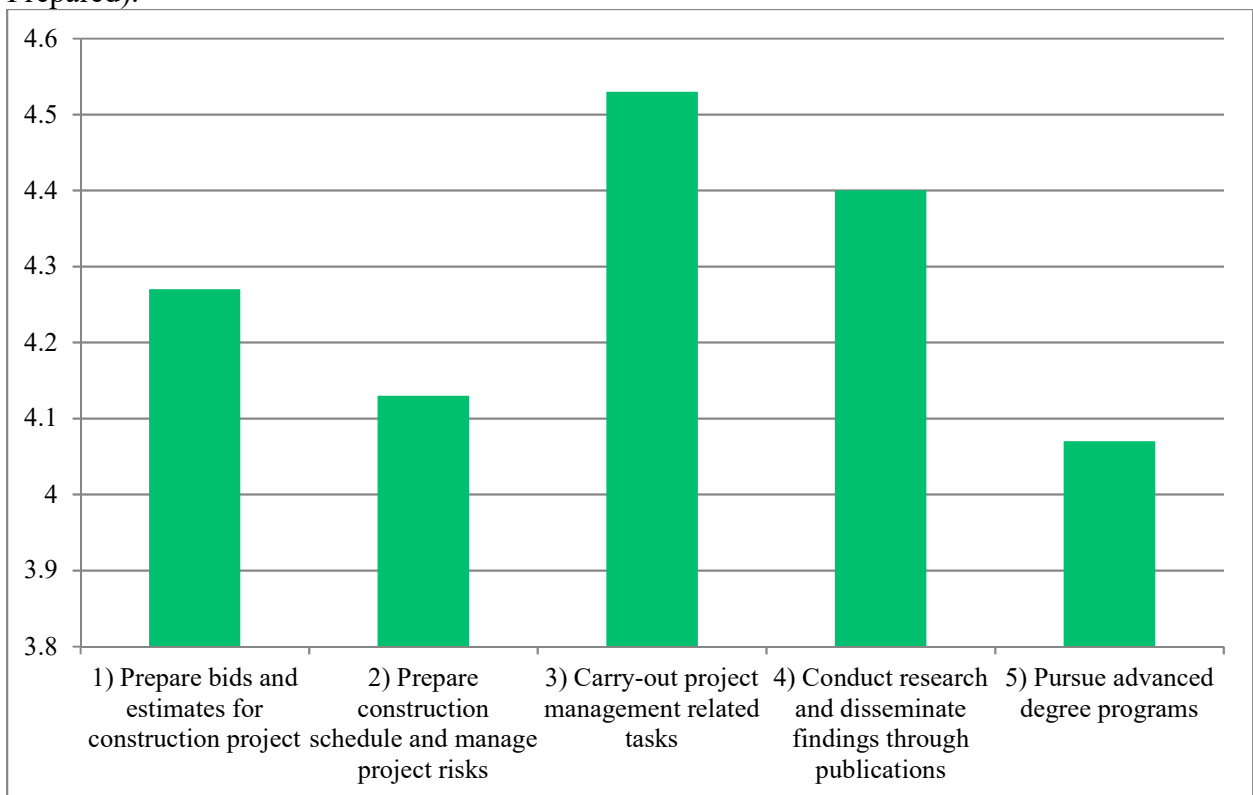
4. Please specify your current salary range? (please check the appropriate range)



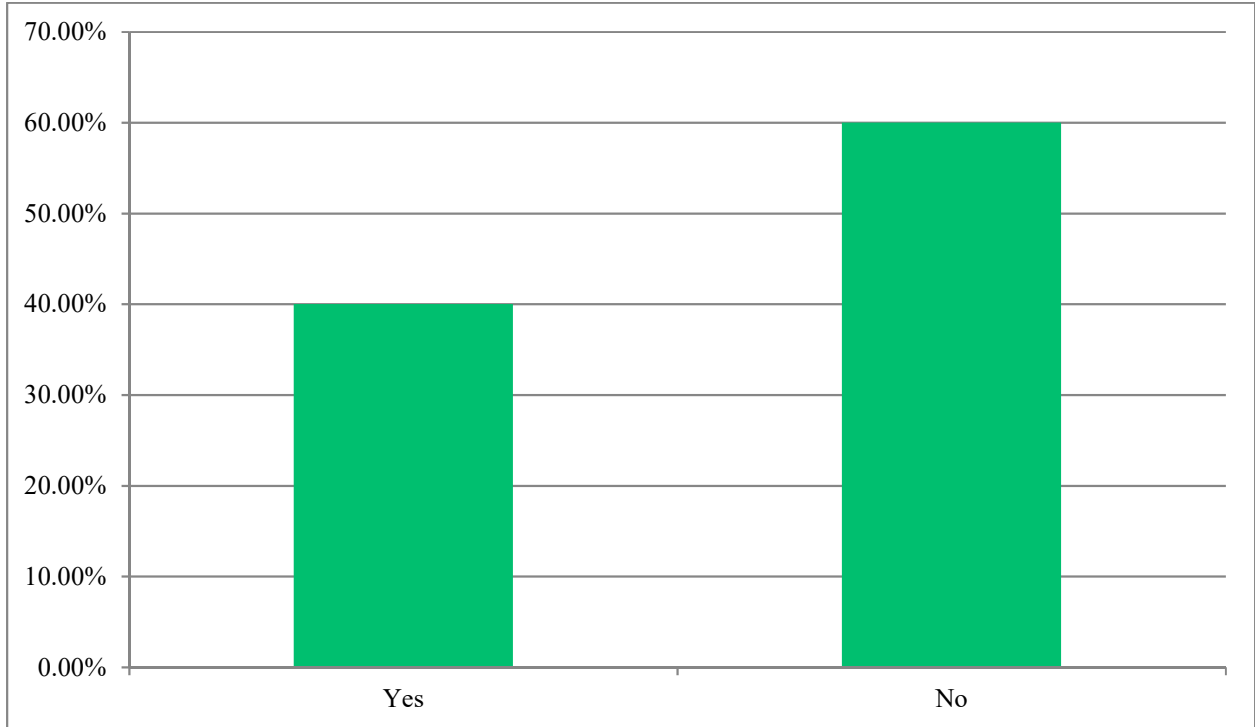
5. Please specify your major at undergraduate level



6. Please assess the level of preparation you received in the following areas during your enrollment in the KSU CMP. Please use a scale of 1-(Not well prepared) to 5-(Very Well Prepared).

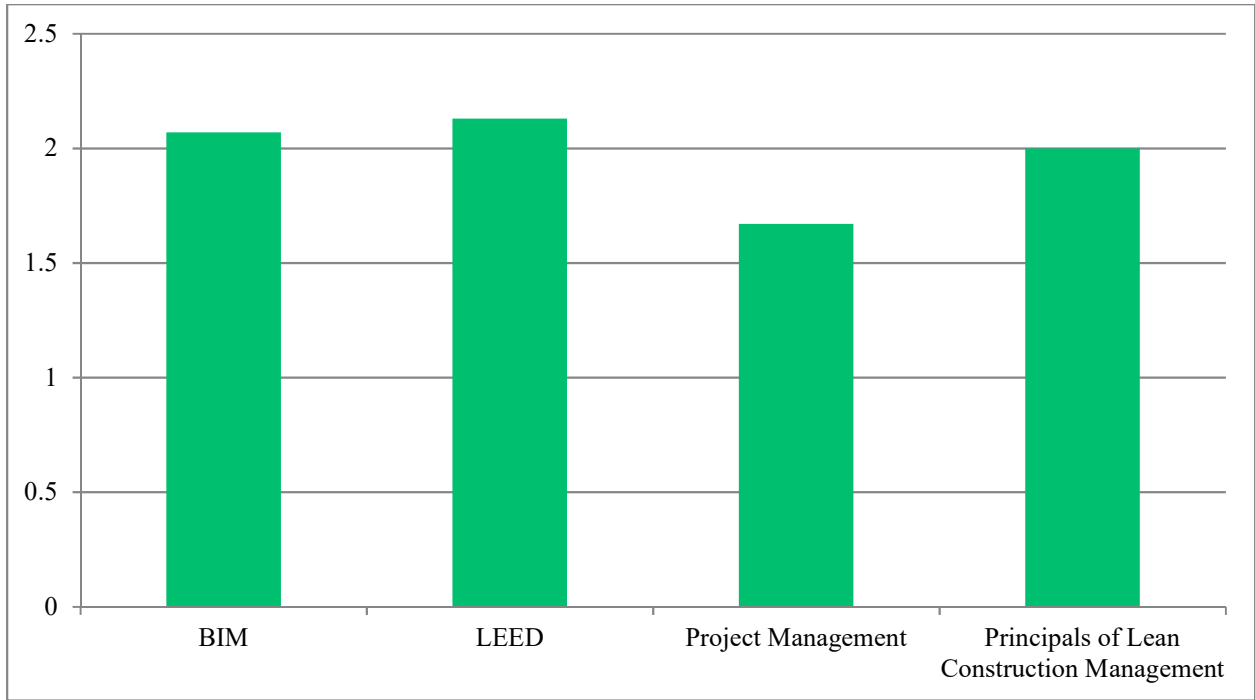


7. Have you earned additional degrees or certifications since leaving KSU?

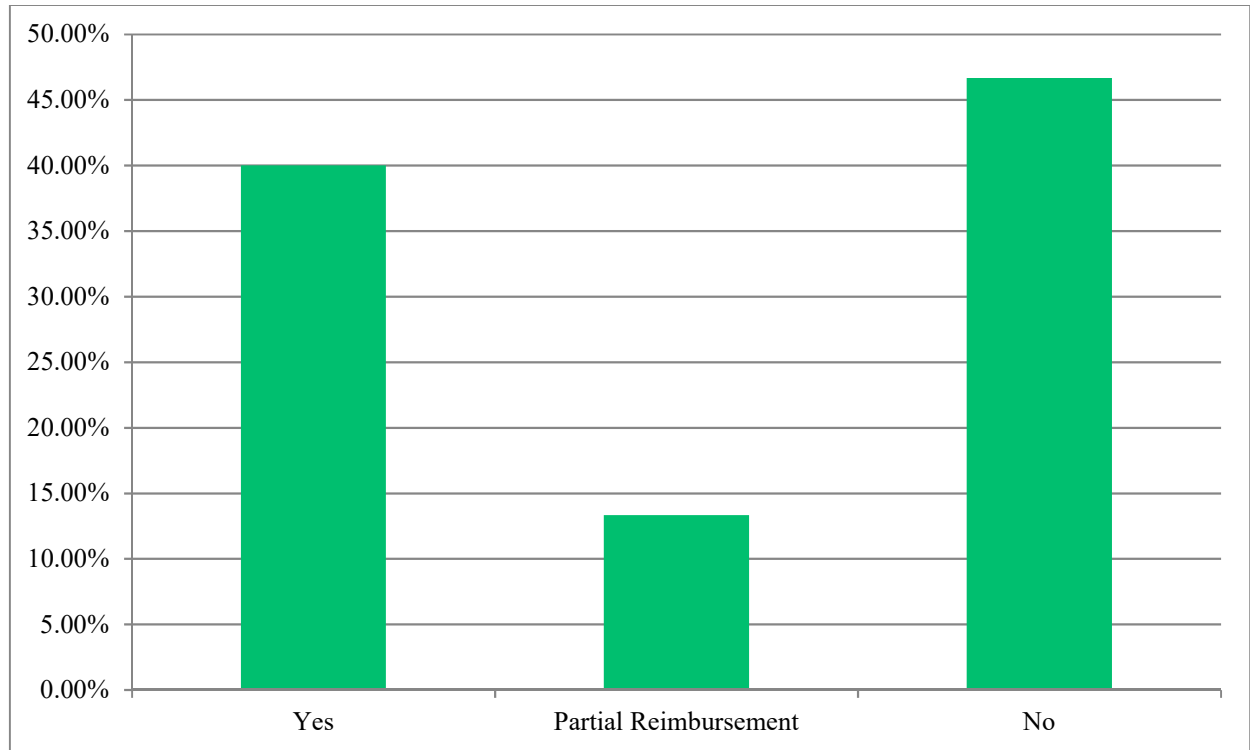


Respondents	If "yes" specify degrees or certifications earned
1	I earned an MS in CM in 2010.
2	MBA
3	LEED AP BD&C, LEED AP O&M, OSHA 30,
4	GCQA MS Property Mgt.
5	Masters in Building Construction
6	MEd, working on PhD

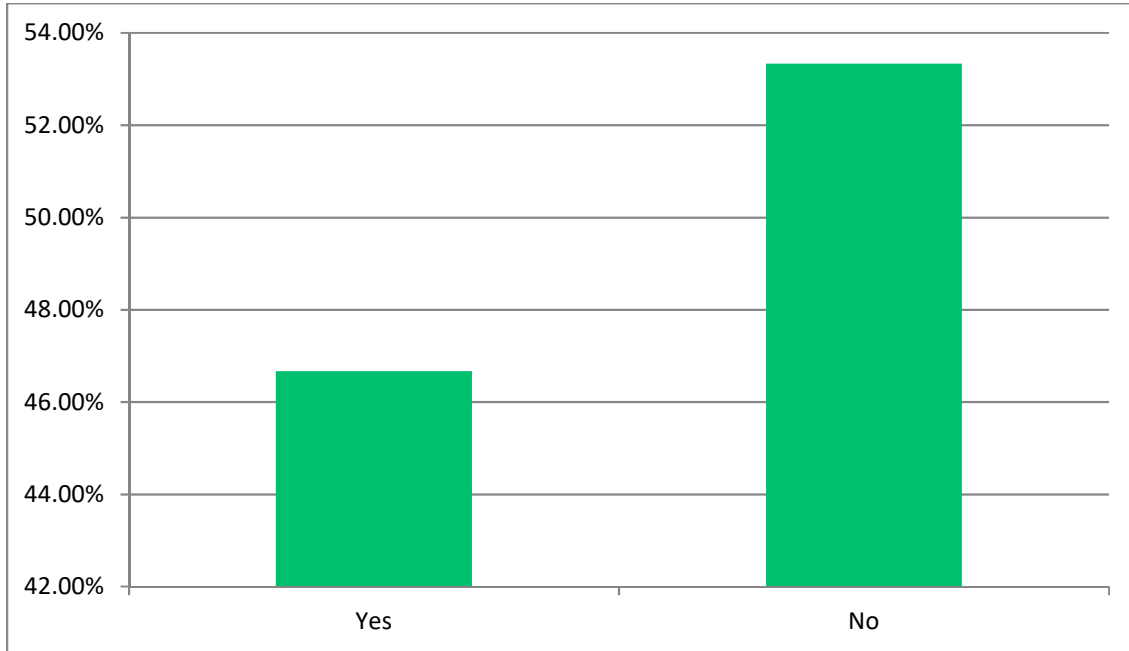
8. How important is it to you to pursue continuing education or certifications in the following areas in order to stay current with changing trends in the industry?



9. Did your employer reimburse you for professional development courses?

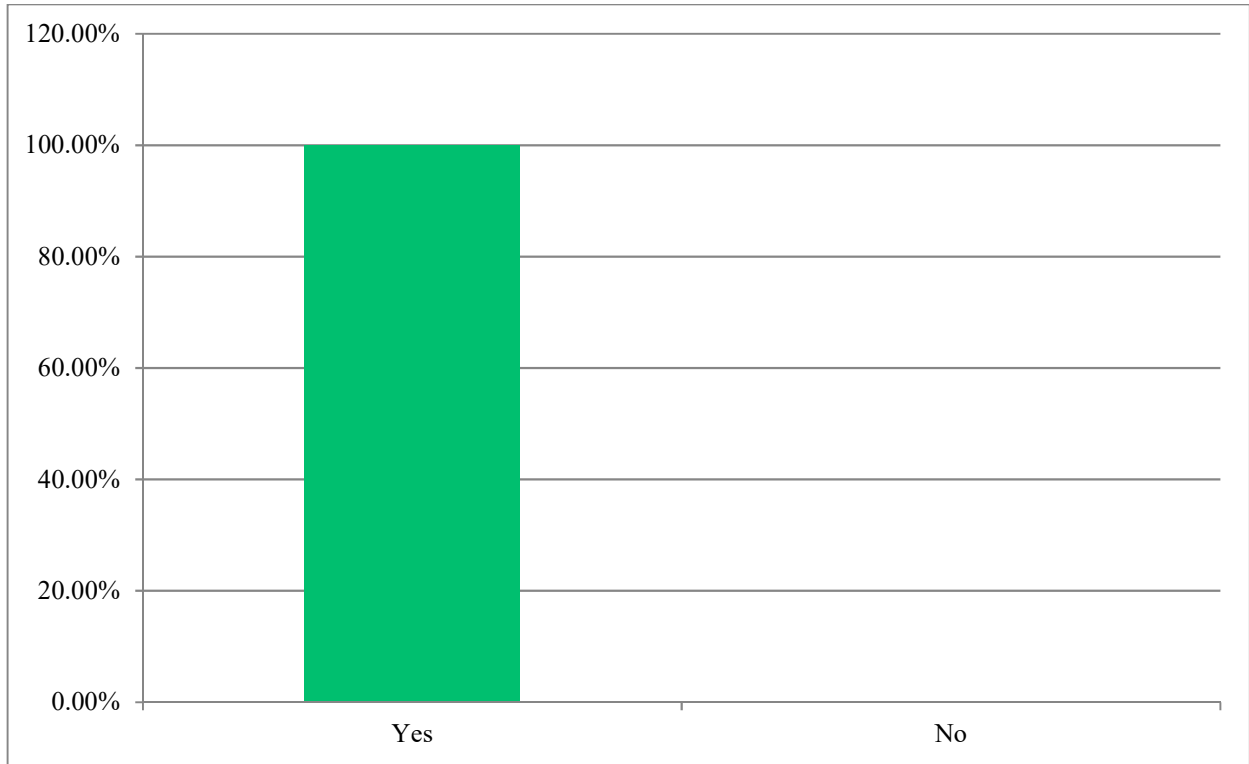


10. Have you taken any professional development or continuing education courses since graduation from KSU?

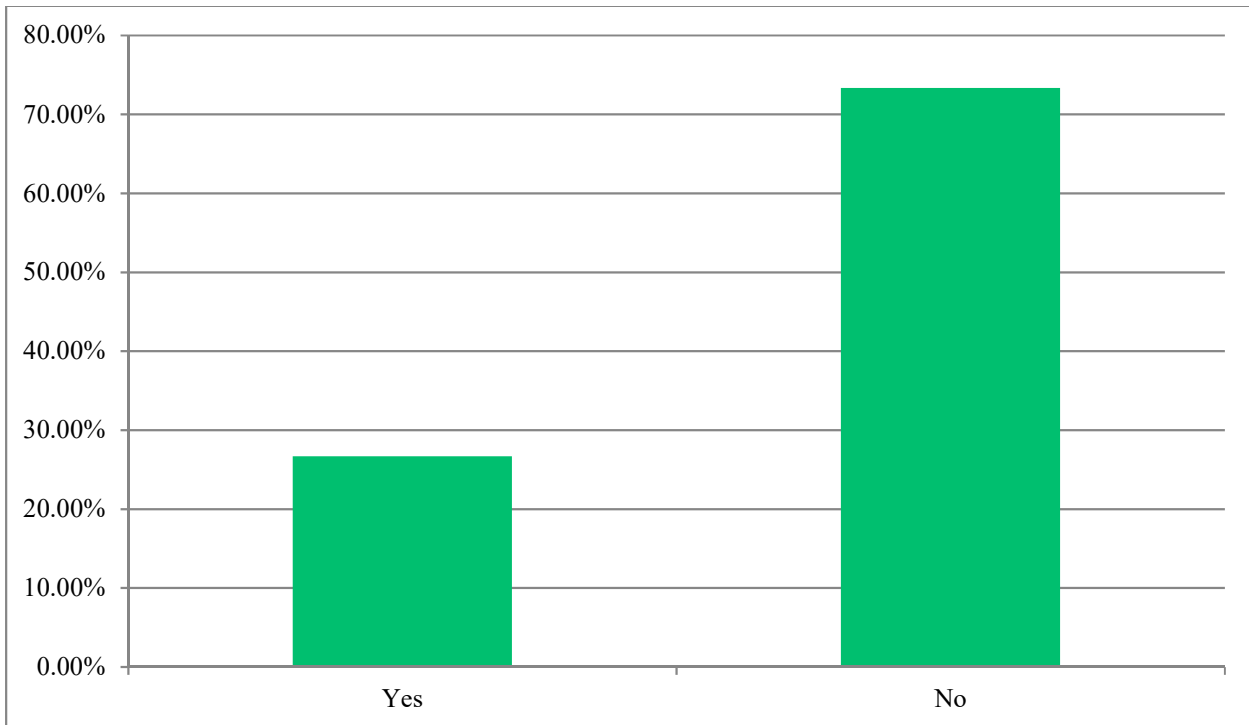


Respondents	If "yes" please specify courses
1	Nascla, Pmp and Leed AP prep.
2	Finance and Accounting for Non-Financial Managers @ GA Tech.
3	safety, project management and risk management
4	Way too many to write them in
5	PM Fundamentals, PM Applications, Business Analysis
6	I take CE courses for LEED.
7	LEED CE, IFMA SFP CE

11. Based on your experience, do you feel that your KSU education has adequately prepared you to address ethical challenges?

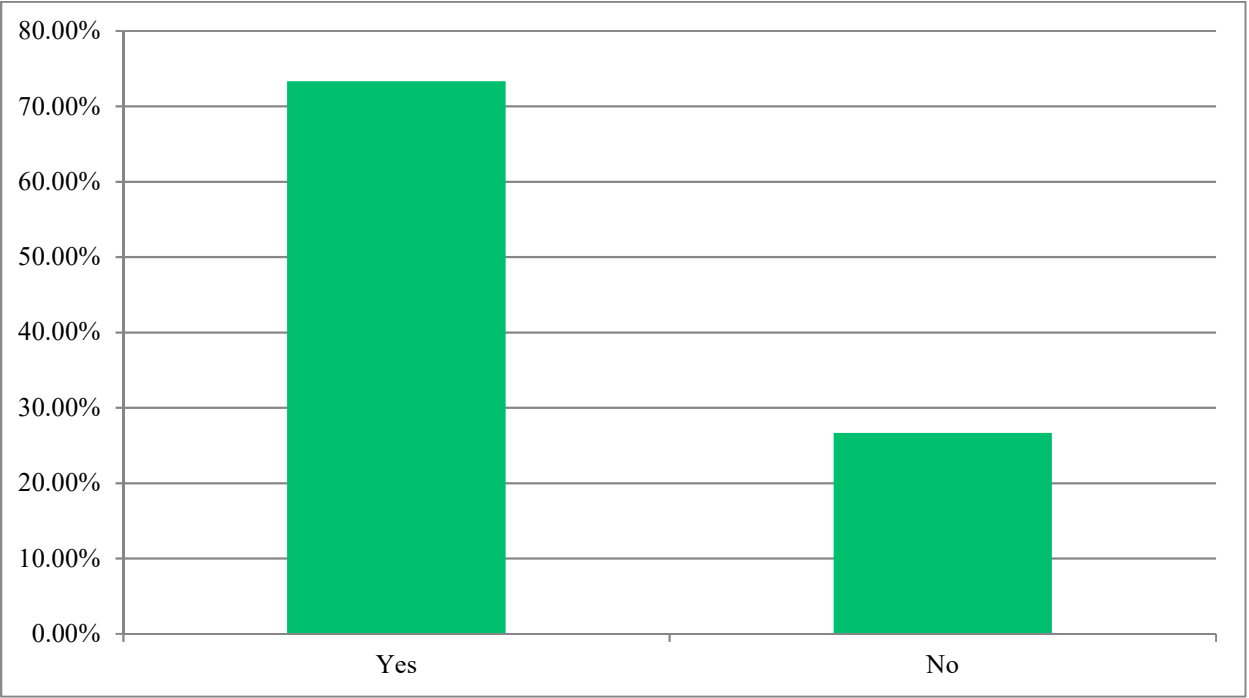


12. Have you served on any industry or educational advisory groups since graduation from KSU?



Respondents	If "yes" please specify industry or educational advisory group (ie, ABC, AGC, ASHRAE, etc.)
1	I have served as the 2015-2016 Vice President of the Atlanta AACEI Section
2	CMAA
3	Westwood College
4	USGBC, IFMA

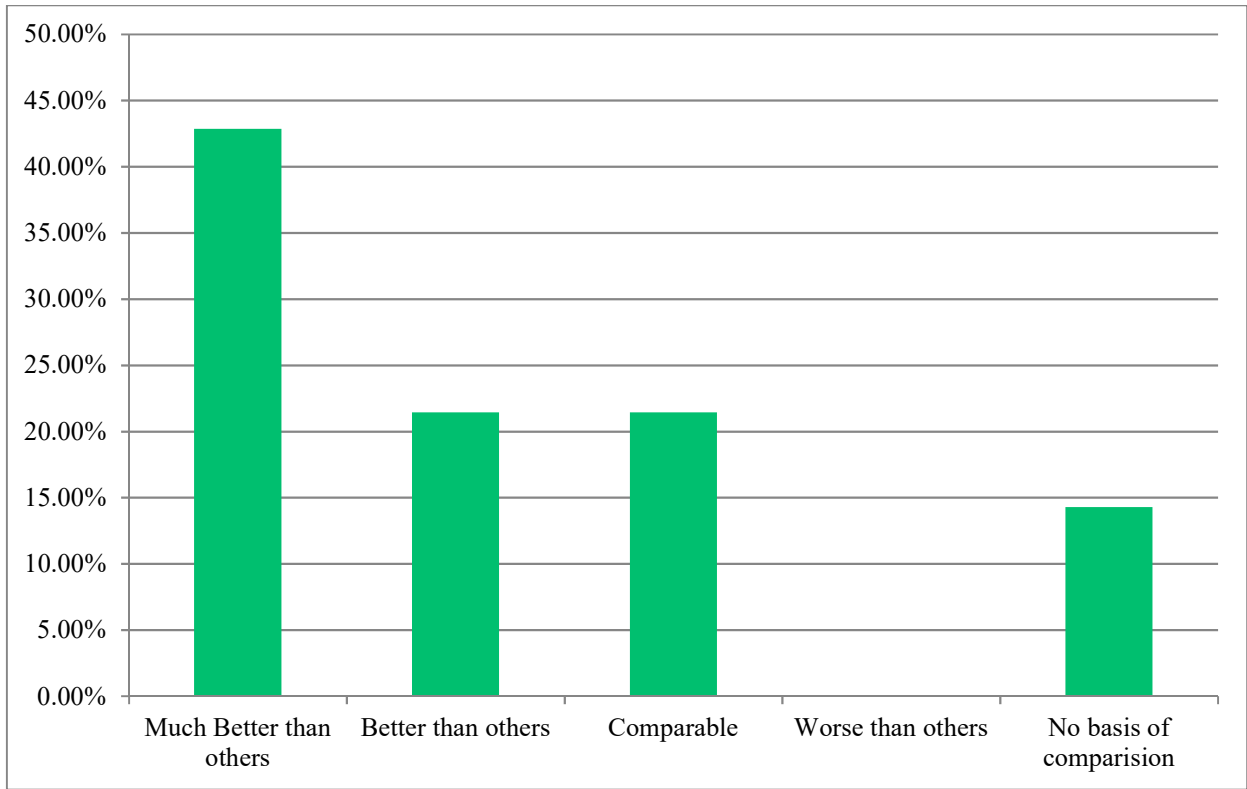
13. Did the skills/knowledge that you acquired at KSU help you obtain your first employment after graduation?



Respondents	Mention the skills that enabled you to get your first employment position.
1	Everything from construction methods to risk management! Everything I needed to be successful was covered.

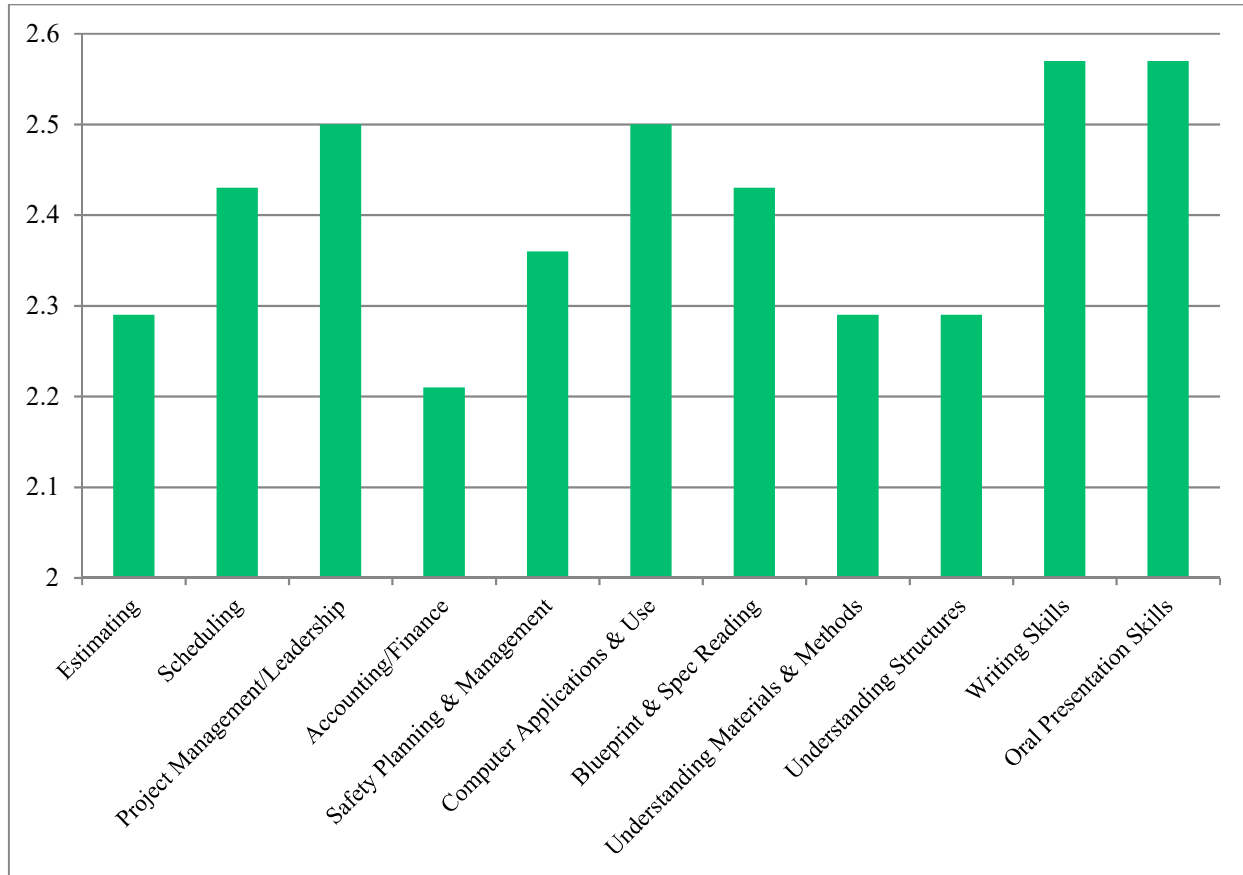
2	Schedule development, project management, risk evaluation
3	Research, Understanding construction documents, estimating, finance
4	Architecture
5	Blueprint reading / Surveying / Estimating Scheduling / Math / Technical Writing
6	Estimating / Construction Law Schedule / BIM / Structure
7	My time at SPSU gave me the technical background I needed for enter industry.
8	I was already employed

14. From an overall perspective, how would you compare the education and skillsets you acquired in the KSU CMP to graduates that you have encountered from other Construction Management schools? Please consider the following skillsets: estimating, scheduling, project management/leadership, safety planning, accounting/finance/computer applications and use, blueprint and spec reading.



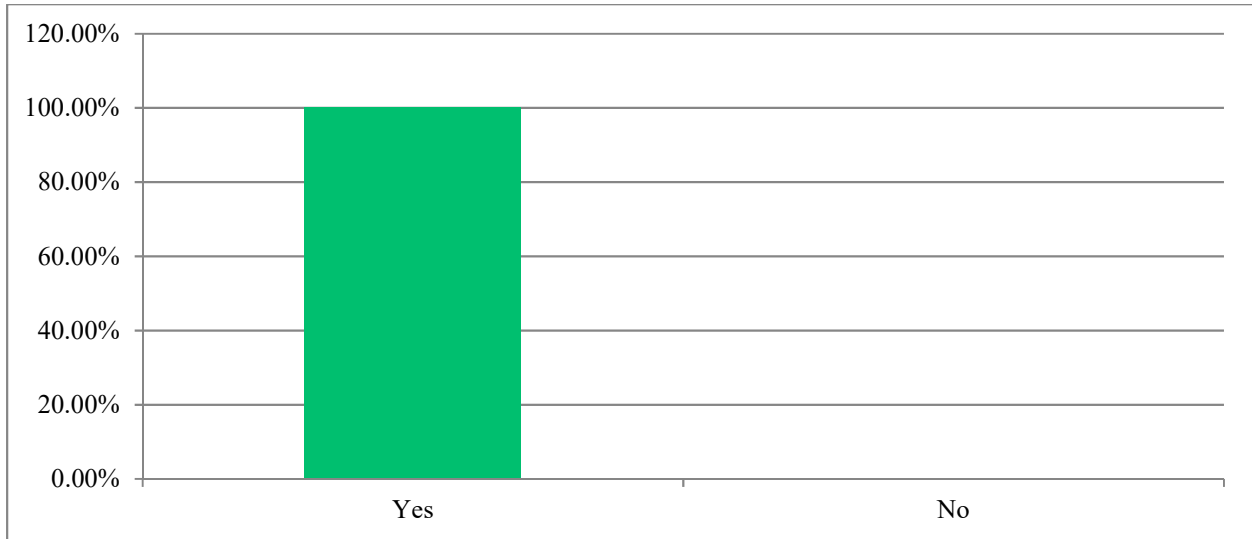
Respondents	Other (please specify)
1	In the area of scheduling students graduating from Florida CM programs have an edge because their curriculum included planning on MS Visio which was not part of KSU's program.
2	It was my education at SPSU that enabled me to get where I am, beating what other school's graduates were able to do.

15. Based on your observation, please rank areas where you perform Better/Worse/Equal to your colleagues from other Construction Management Schools.

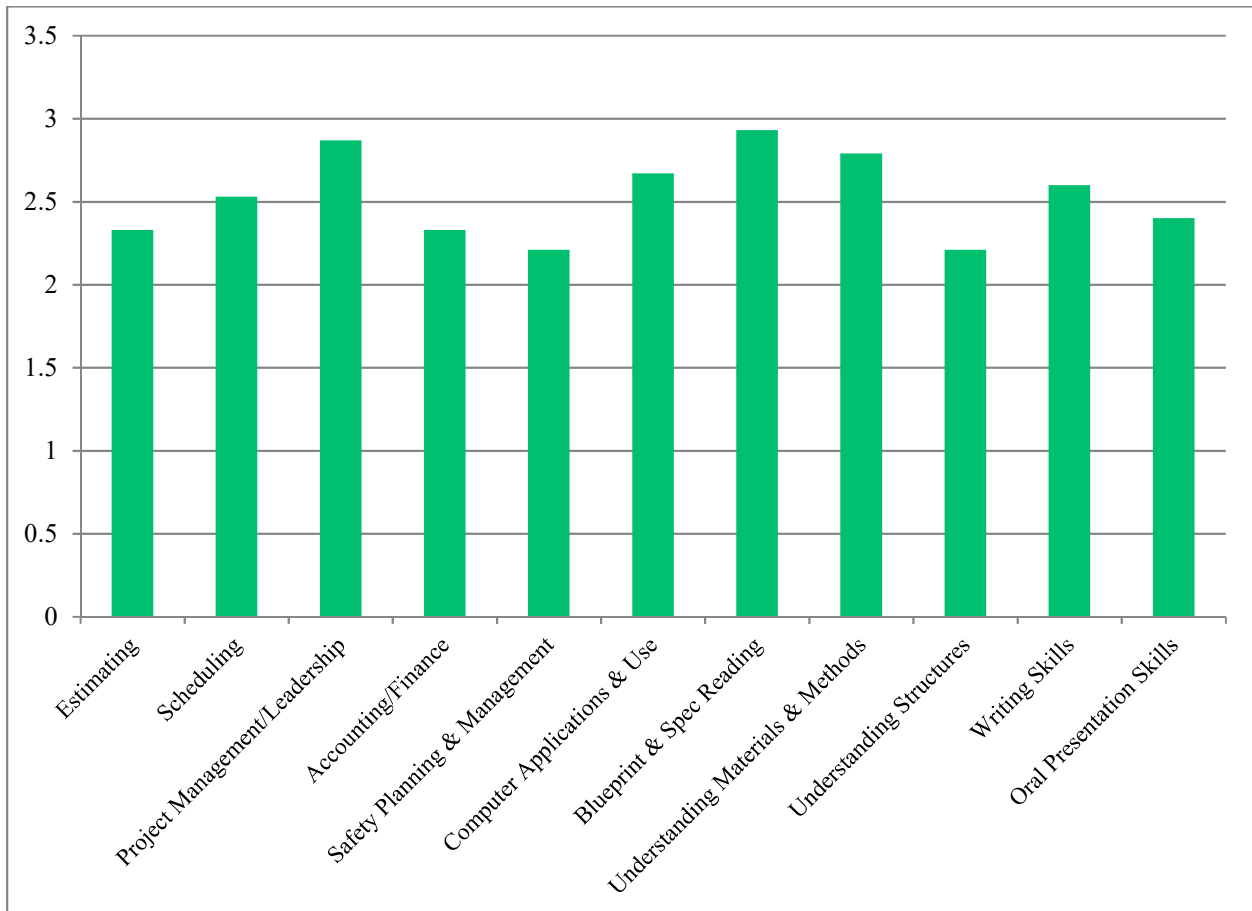


Respondents	Other (please specify)
1	Greater emphasis is needed in bridging structural systems with means and methods.
2	Not working in the Construction Industry to be able to compare.
3	Other than CMP program I have very little involvement with estimating

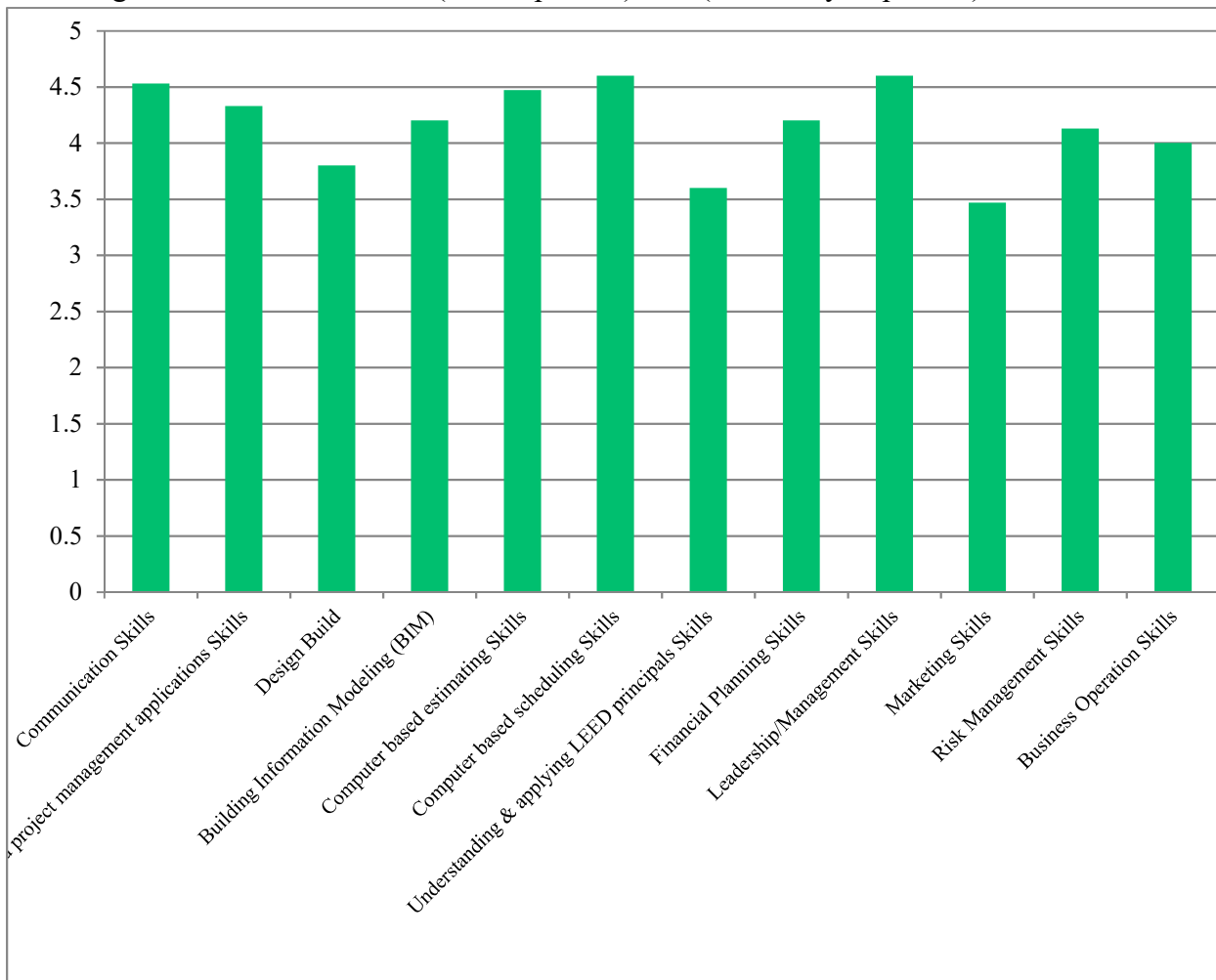
16. Would you recommend the KSU CMP to a student aspiring to a career in the Construction Industry?



17. Please rank each of the following skillsets in regard to its importance in obtaining employment in your current organization?



18. Looking to the future of the Construction Industry, what skillsets do you believe are the most important in order for future CMP graduates to be competitive and successful? Please rank the following skillsets on a scale of 1-(Not Important) to 5-(Extremely Important)



Respondents

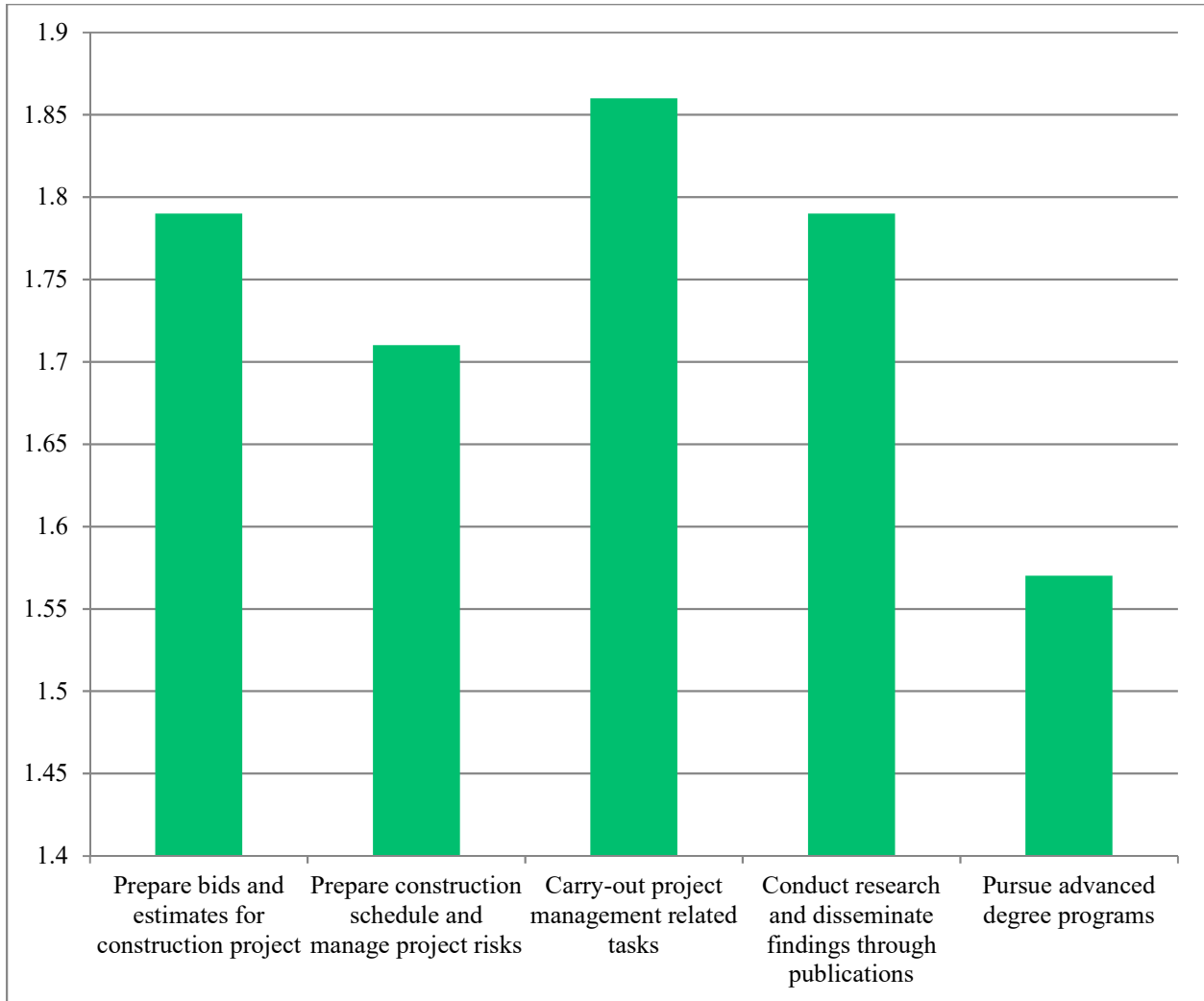
Other (please specify)

1

The most important skills in priority are:

1. Understand/Read Blue Prints (plans)
2. Correlate plans to phasing the project and the means and methods to execute
3. Develop the project plan and vet with stakeholders
4. Identify where your risk is and mitigate

19. The KSU CMP desires to remain a frontrunner in training for the Construction Industry. We must be proactive in assessing our strengths and weaknesses. For the following learning objectives, please check whether you feel that the CMP meets Construction Industry requirements, or needs to improve in certain areas. Please write any additional comments in the space below.



Respondents	Other (please specify)
1	More out of class learning, site visit, real life scenarios can be studied.
2	I graduated about 12 years ago and have lived out of state. I'm real not sure about the current CMP program.

Kennesaw State University

Construction Management

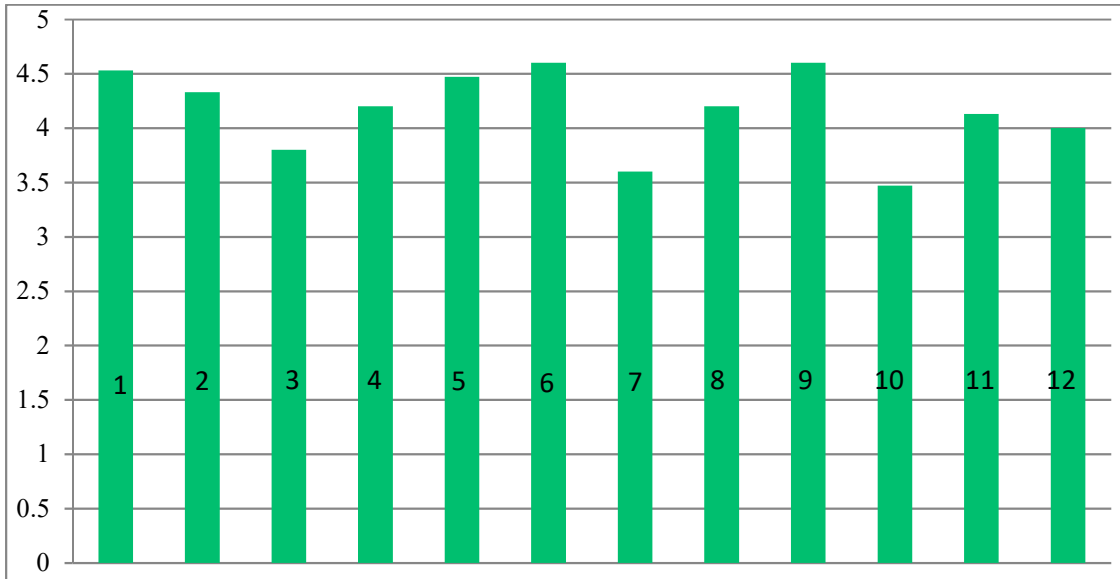
Master Degree Program Alumni Survey 2016 Assessment Report

- The expected target and achieved values of Program Outcomes are given below:

Program Outcome	Expected Target	Assessment Results
PO1: Prepare bids and estimates for construction project	3.5	4.27
PO2: Prepare construction schedule and manage project risks	3.5	4.13
PO3: Carry-out project management related tasks	3.5	4.53
PO4: Conduct research and disseminate findings through publications	3.5	4.4
PO5: Pursue advanced degree programs	3.5	4.07

- 47% of the Alumni taken professional development or continuing education courses since they started working for the employer.
- Principles of Lean Construction Management, Project Management, LEED, BIM, Financial Management, Data Analysis were identified as areas to pursue continuing education or certifications.
- 74% of the Alumni acquired the skills at SPSU to obtain their employment.
- Suggested to improve scheduling area
- Overall most of KSU CM alumni are performing on better than other CM school graduates.

- The following skill sets are believed to be most important as it to future graduates being competitive and successful in the construction industry



1	Communication Skills
2	Computer based project management applications Skills
3	Design Build
4	Building Information Modeling (BIM)
5	Computer based estimating Skills
6	Computer based scheduling Skills
7	Understanding & applying LEED principals Skills
8	Financial Planning Skills
9	Leadership/Management Skills
10	Marketing Skills
11	Risk Management Skills
12	Business Operation Skills

Mapping of Alumni Survey questions with Long term goals, Short term goals and Program Objectives

The following table shows the mapping of Alumni survey Questions with LG, SG and PO

Mapping of Alumni Survey questions with Long term goals, Short term goals and Program Objectives			
Department Long Term Goals (LG)	Department Short Term Goals (SG)	MS Program Objectives (PO)	Alumni Survey Questions and their mapping with LG, SG and PO
LG1: Continue to improve curriculum to reflect global and national construction industry needs.	SG1: Prepare students for successful construction industry career.	PO1: Prepare bids and estimates for construction projects PO2: Prepare construction schedule and manage project risks. PO3: Carry-out project management related tasks. PO4: Conduct research and disseminate findings through publications. PO5: Pursue advanced degrees	Q7 (PO1, PO2, PO3, PO4, PO5, SG1, LG1) Q8 (PO5, SG1, LG1) Q10 (PO5, SG1, LG1) Q12 (SG1, LG1) Q15 (PO1, PO2, PO3, SG1, LG1) Q16 (PO1, PO2, PO3, SG1, LG1) Q17 (PO1, PO2, PO3, SG1, LG1)
LG1: Continue to improve curriculum to reflect global and national construction industry needs.	SG2: Meet accreditation agency requirements for curriculum	PO6: Maintain MS program ACCE accreditation	Not Applicable
LG3: Enhance and sustain the department	SG6: Increase visibility and awareness of the CM Department	PO7: Increase visibility and awareness of the CM Department	Q11 (PO7, SG6, LG3)

Action Plan:

- The course curriculum will focus on developing the identified skill sets.