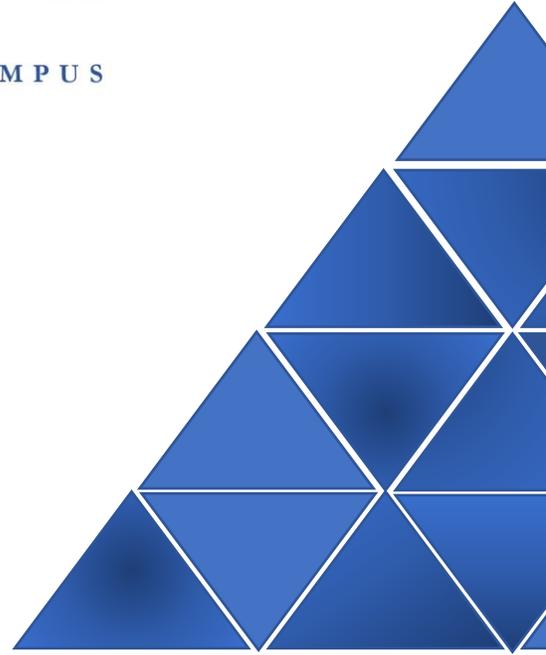




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CONSTRUCTION MANAGEMENT

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INDIRECT ASSESSMENT
ALUMNI SURVEY
EMPLOYER SURVEY
ENROLLMENT



ALUMNI SURVEY FEEDBACK RESULT 2022

The alumni survey was conducted in August to September 2022. The survey questionnaire was distributed by the Workforce and Career Coach and faculty members to graduates with their known email on file. There were 15 alumni returned the survey. The following are the result and analysis.

DATA RESULT and ANALYSIS

The result of the survey is shown on Figure 1, Figure 2, Figure 3, and Figure 4.

1. The average salary of the alumni who responded in the survey is \$70,200 and median salary of \$66,500.
2. Project Manager/Construction Manager and Field Engineer have the highest number of alumni employed in those position.
3. Fifty-three percent (53%) of the alumni surveyed are working in the commercial construction sector.
4. The highest rating among the ACCE SLO is SLO# 11 - Understand basic safety hazards on a construction site and standard prevention measures, with an average of 4.53 in Likert Scale followed by SLO # 1 - Apply effective communication, both orally and in writing, with an average rating of 4.33.
5. The lowest rating among the ACCE SLO is SLO 6 - Apply basic principles of construction accounting, and SLO 4 - Apply current technology related to the construction industry, with an average of 3.67 in the Likert Scale.
6. Seventy-seven percent (77%) of the respondent indicated that at an average, they somewhat agree or agree that they achieved the 13 ACCE SLO.

7. OSH1305 – OSHA Safety course in the curriculum rated the highest as highly valuable with average rating of 4.47 in the Likert Scale while CNBT 1342 – Codes and Inspection is rated the lowest at 3.6.
8. Eighty percent (80%) of respondent indicated the courses in the AAS degree is rated valuable or highly valuable.

Figure 1. ALUMNI SALARY

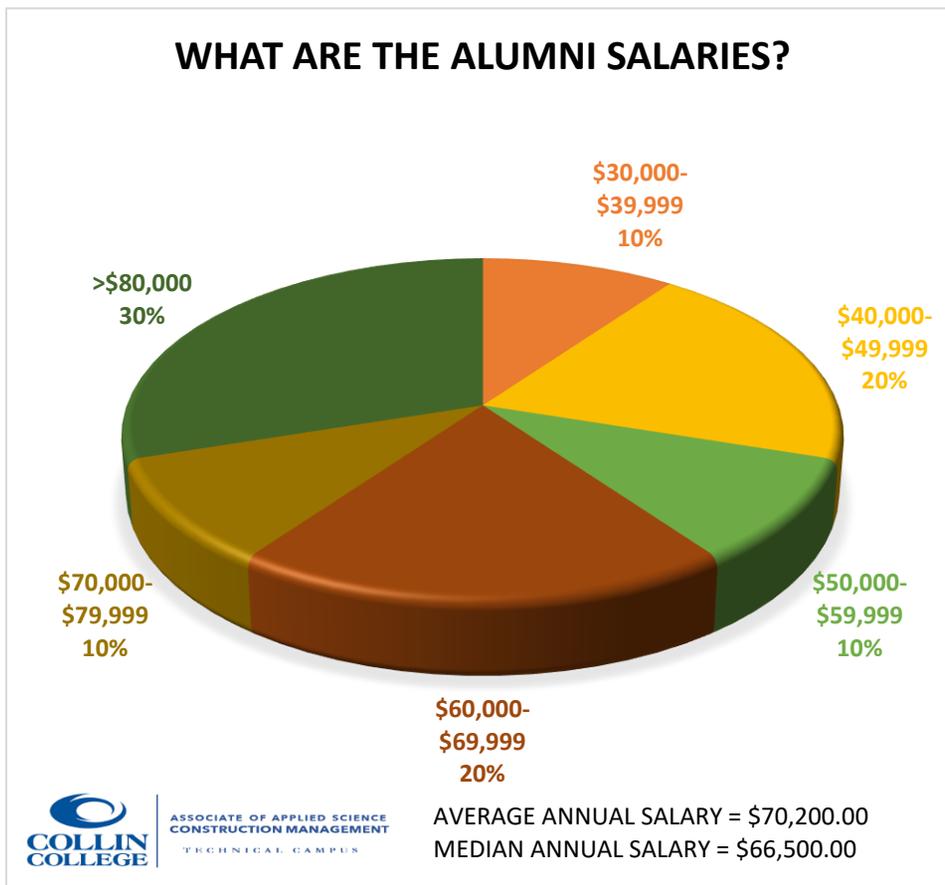


Figure 2. ALUMNI POSITION

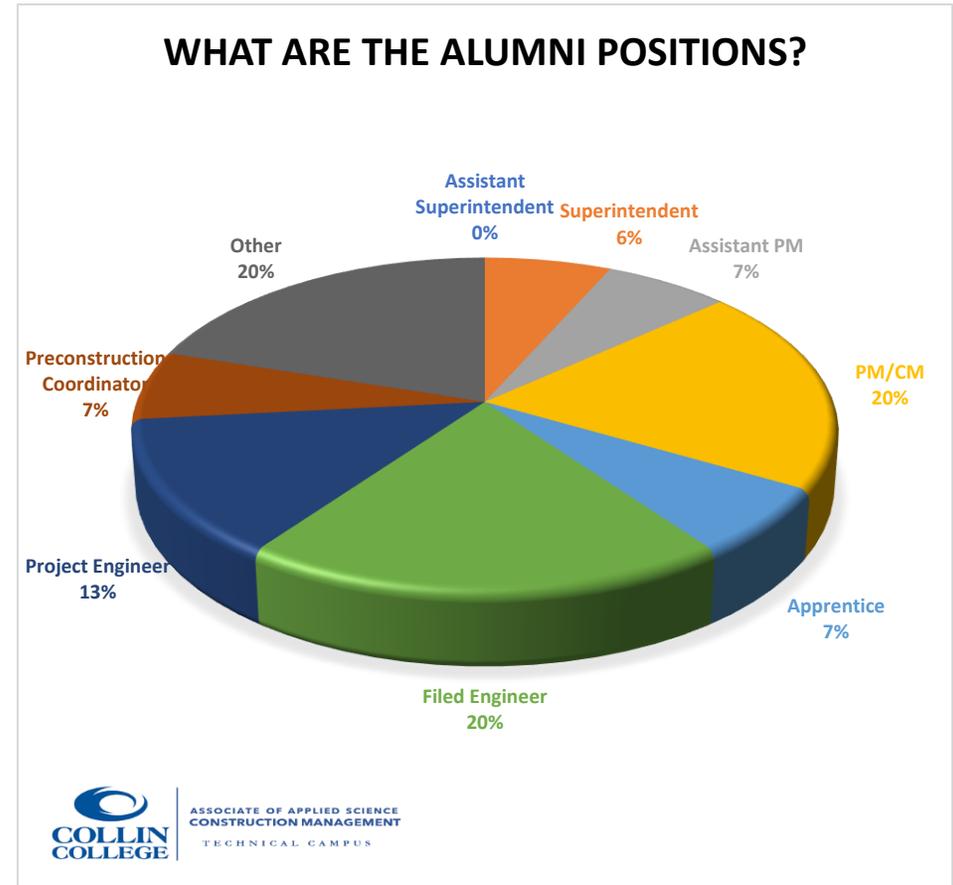


Figure 3. ALUMNI FEEDBACK ON ACCE SLO

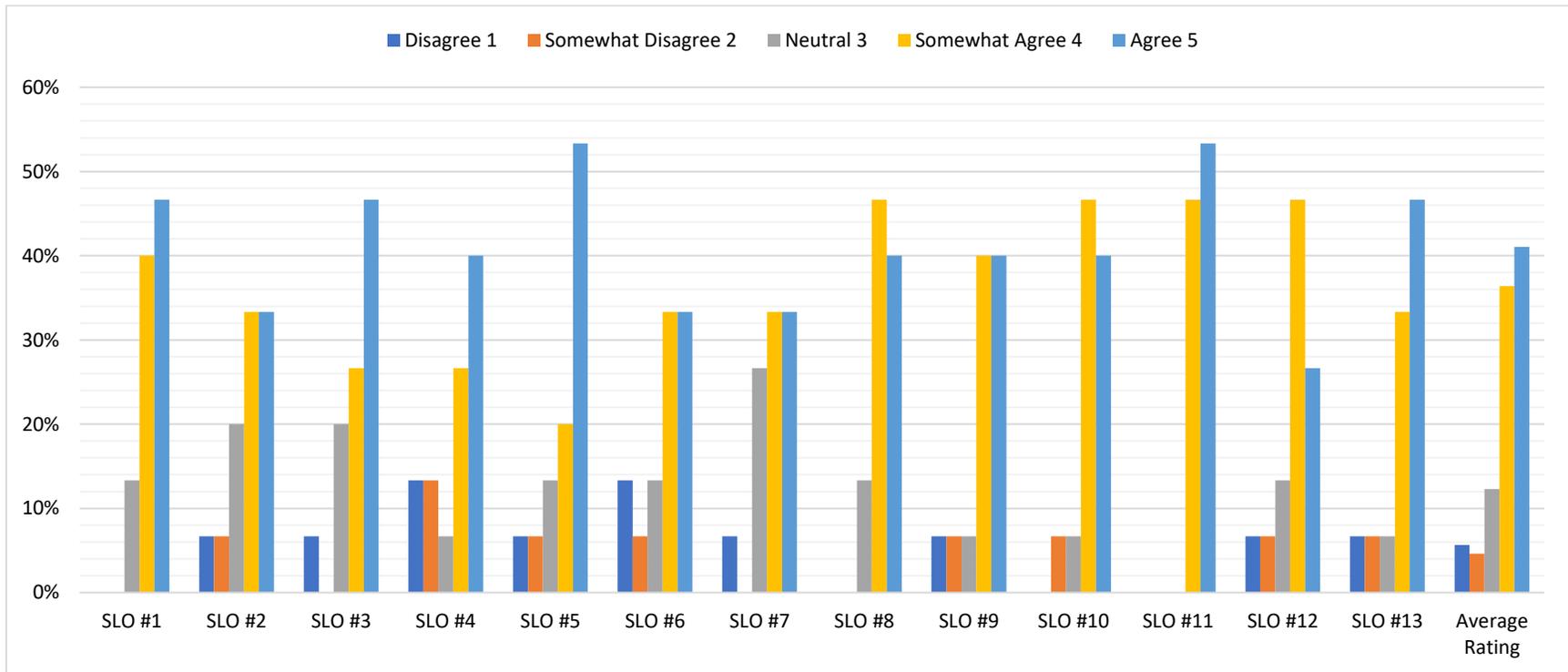
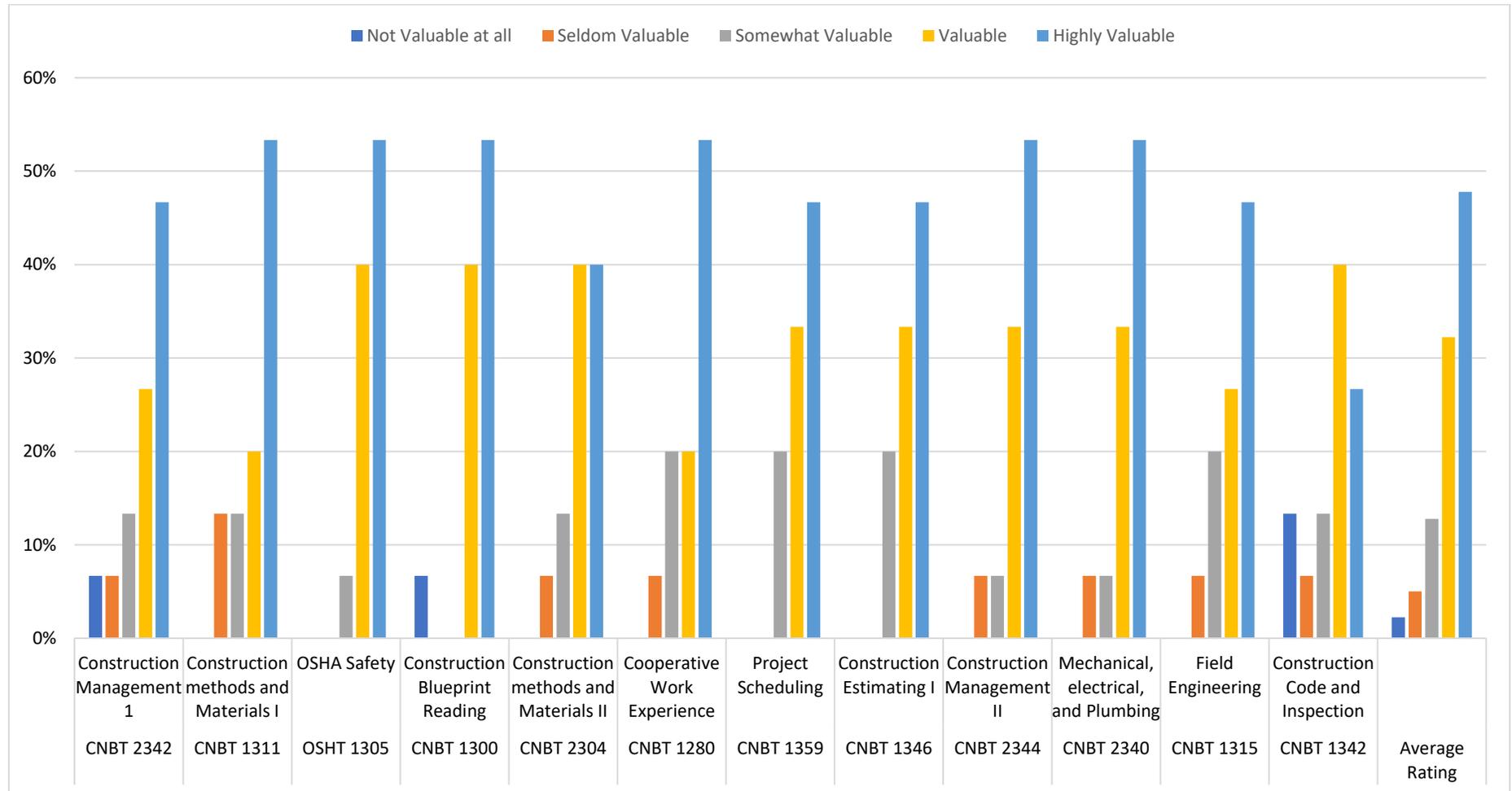


Figure 4. ALUMNI FEEDBACK ON AAS CURRICULUM



PLAN OF ACTION

Based on the feedback of the alumni, the following action will be undertaken:

1. Enhanced curriculum focused on student marketability skills
2. Provide lecture/seminar series from industry practitioners in order to provide awareness to student the various opportunities in the construction industry once they finish the degree.
3. Continue to integrate industry certification particularly OSHA certification.
4. Provide opportunity for faculty members to attend professional developments through seminars, symposium, conference, and trainings to keep them abreast of the latest trends and innovation in the construction industry that will benefit the students.
5. Encourage alumni to become active members of professional associations and organizations to create camaraderie and networking among professional in the field.
6. Encourage participation as volunteer in community service or service learning of alumni and faculty to give back to the college and the community.
7. Encourage alumni to be active with the program activities as speakers, member of industry advisory committee, liaison of their respective company in terms of student internship and employment, donors etc.

EMPLOYER SURVEY RESULT 2022

BACKGROUND:

The most vital measure of the academic program is the success of the graduates. The employer is requested to assess the preparation provided by the CM program by completing the following survey. The responses that they provided will be combined with those from other surveys conducted by the program solely to produce summary data that help the program develop the strategic and improvement plan for the CM program. Individual responses are treated as strictly confidential.

Student Learning Outcome	Disagree (1)	Somewhat Disagree (2)	Neutral (3)	Somewhat Agree (4)	Agree (5)
1. Student displayed effective writing skills appropriate to the construction discipline.					
2. Student demonstrated effective oral communication skills appropriate to the construction discipline.					
3. Student demonstrated skills to worked well within a multi-disciplinary team setting.					
4. Student demonstrated effective problem-solving skills.					
5. Student displayed effective understanding of construction terms and concepts.					
6. Student demonstrated the ability to complete tasks on time.					
7. Student could apply electronic-based technology to manage the construction process.					
8. Student demonstrated the ability to acquire and process new information.					
9. Student demonstrated punctual and professional behavior.					
10. Student demonstrated the ability to analyze construction documents (Contracts, RFI, ASI, submittals, etc).					
11. Student demonstrated ability to read and analyze construction drawings and specifications.					
12. Student demonstrated ability to understand and recognized the importance of safety in the workplace.					

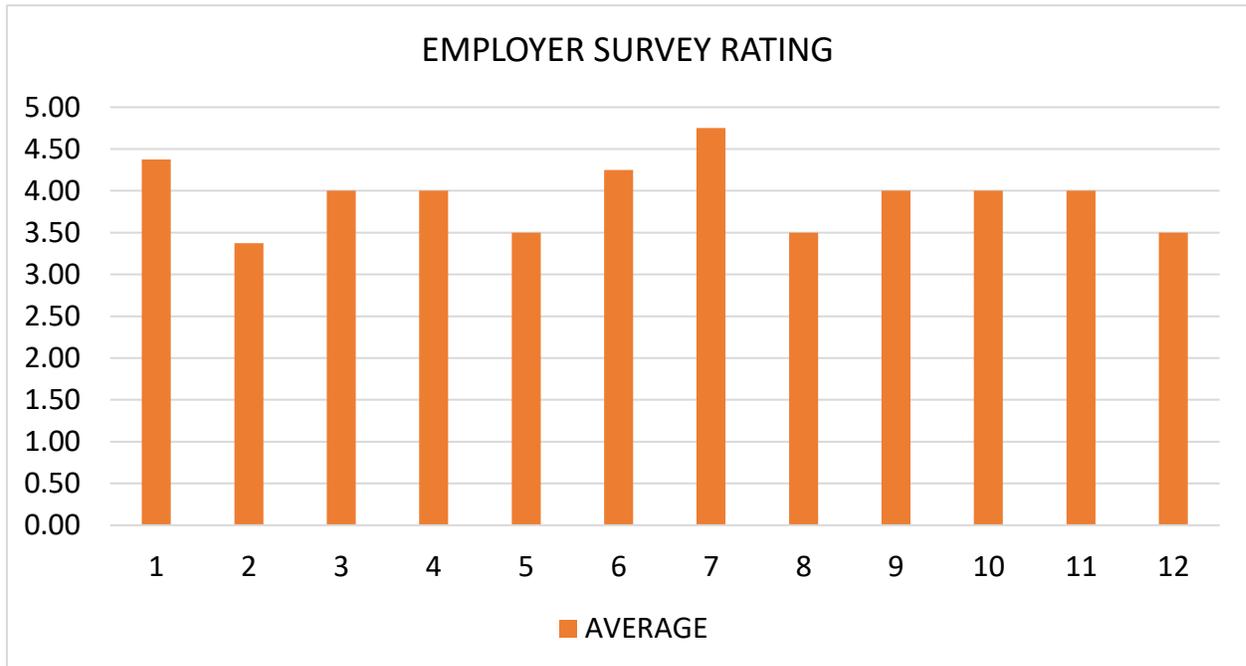
RESULT

There are 8 employers completed and returned the survey. The summary of the result is given in the table below.

Student Learning Outcome	AVERAGE
1. Student displayed effective writing skills appropriate to the construction discipline.	4.38
2. Student demonstrated effective oral communication skills appropriate to the construction discipline.	3.38
3. Student demonstrated skills to worked well within a multi-disciplinary team setting.	4.00
4. Student demonstrated effective problem-solving skills.	4.00
5. Student displayed effective understanding of construction terms and concepts.	3.50
6. Student demonstrated the ability to complete tasks on time.	4.25
7. Student could apply electronic-based technology to manage the construction process.	4.75
8. Student demonstrated the ability to acquire and process new information.	3.50
9. Student demonstrated punctual and professional behavior.	4.00
10. Student demonstrated the ability to analyze construction documents (Contracts, RFI, ASI, submittals, etc).	4.00
11. Student demonstrated ability to read and analyze construction drawings and specifications.	4.00
12. Student demonstrated ability to understand and recognized the importance of safety in the workplace.	3.50

Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree
1	2	3	4	5

AVERAGE RATING = 3.94



1. The highest learning outcome rated by the employer regarding the graduates is LO # 7 – Student could apply electronic based technology to manage the construction process at a rating of 4.75 in the Likert Scale.
2. The least learning outcome rated at 3.38 is LO # 2 – Students demonstrated effective oral communication skills appropriate to the construction discipline.
3. The average overall rating of the employer survey is 3.94 in the Likert Scale.

PLAN OF ACTION

1. Introductory courses such as CNBT 1342 – Codes and Inspection and CNBT 2342 – Construction Management I integrate writing and oral presentation. Example of their project is to develop a commercial video highlighting the skills and benefit of taking construction management degree.
2. Provide opportunity for the students to participate in competition for them to develop interpersonal relationships.
3. Reinforce to the graduates the importance of lifelong learning through participation and membership in professional organization, attending seminars and convention such as the NAHB and AGC/ABC.
4. Encourage graduates to continue their education through enrolling in the BAS degree within the construction management program.



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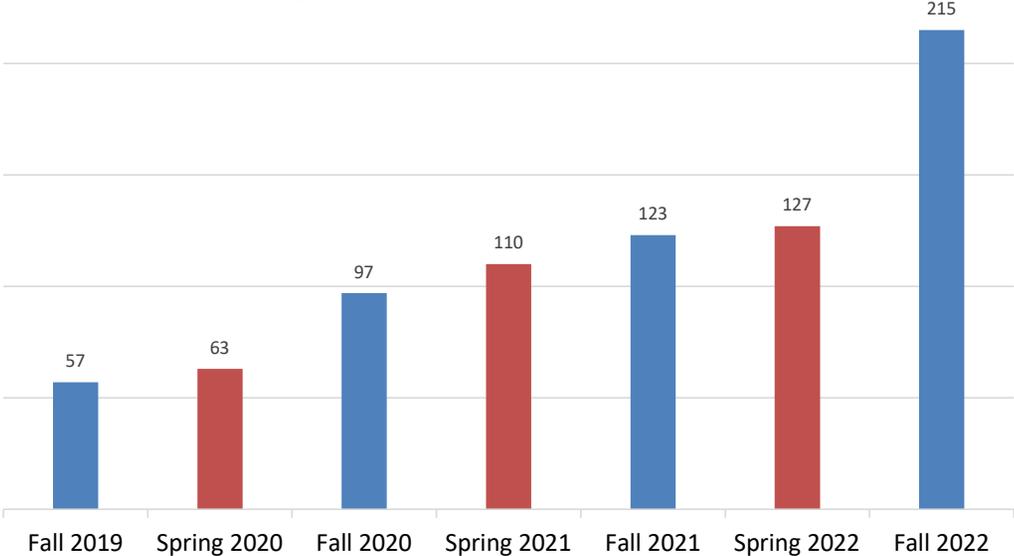
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5. Continue to develop strong relationships with industry partners to make sure that the education being delivered in the classroom is aligned to the industry needs and requirements.

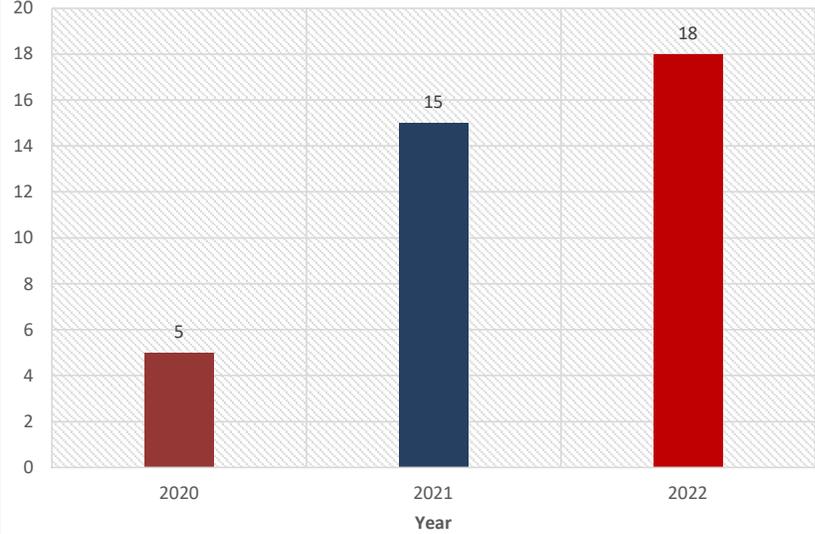


ENROLLMENT AND GRADUATES

CONSTRUCTION MANAGEMENT ENROLLMENT TRENDS

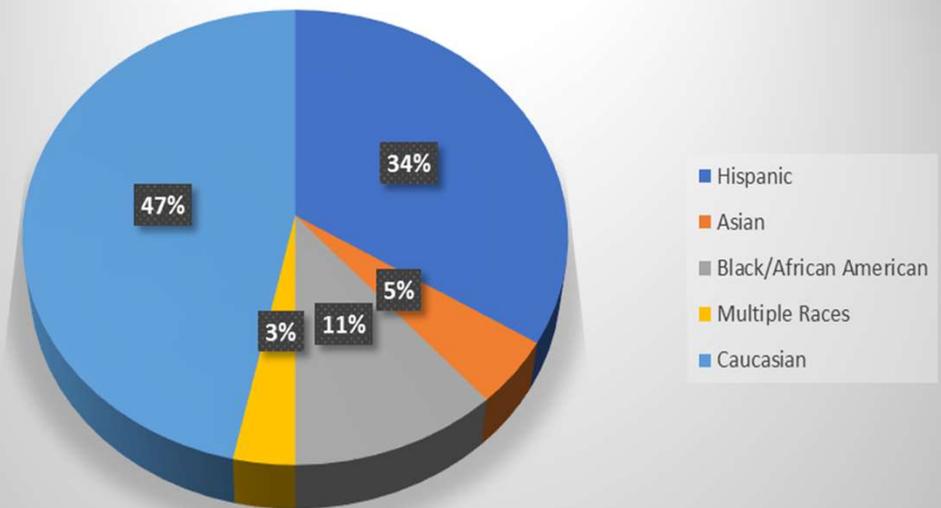
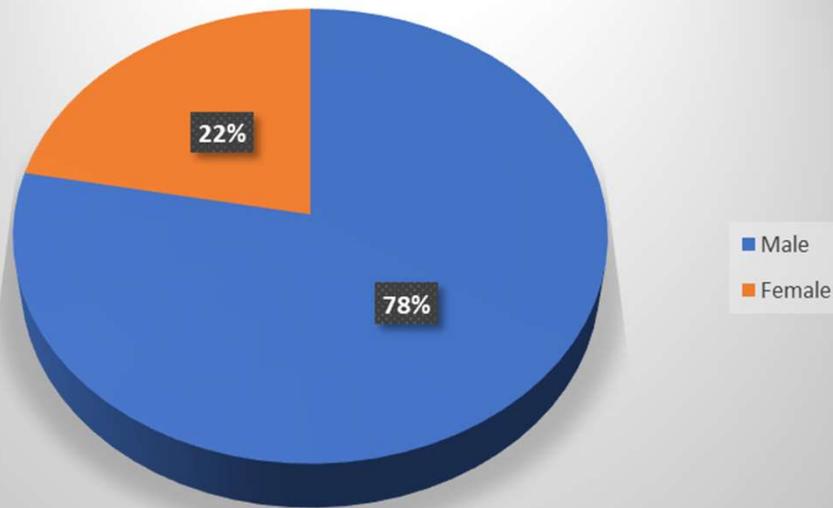


AAS NUMBER OF GRADUATES

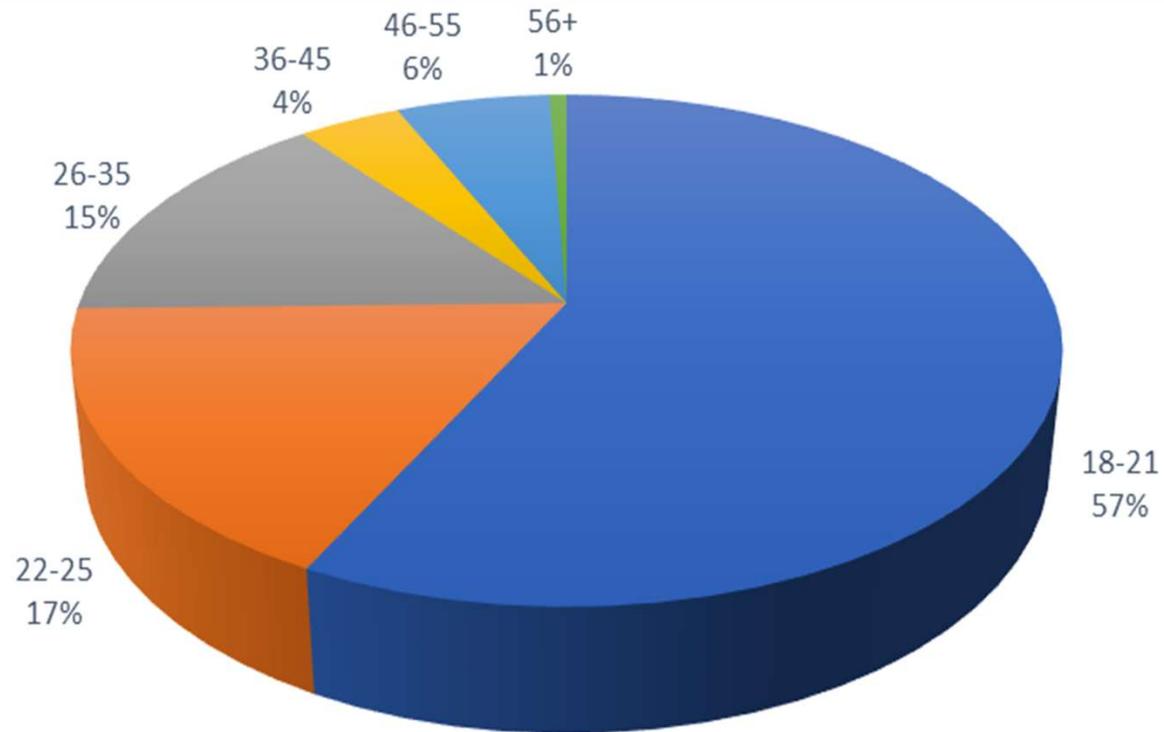


	2019-2020	2020-2021	2021-2022	Total:
Associate of Applied Science	5	15	18	38
Level 2 Certificate	5	15	17	37
Level 1 Certificate	4	14	45	63
Occupational Skills Award	35	8	92	135
Total Awards:	49	52	172	273

STUDENT DEMOGRAPHICS



STUDENT DEMOGRAPHICS



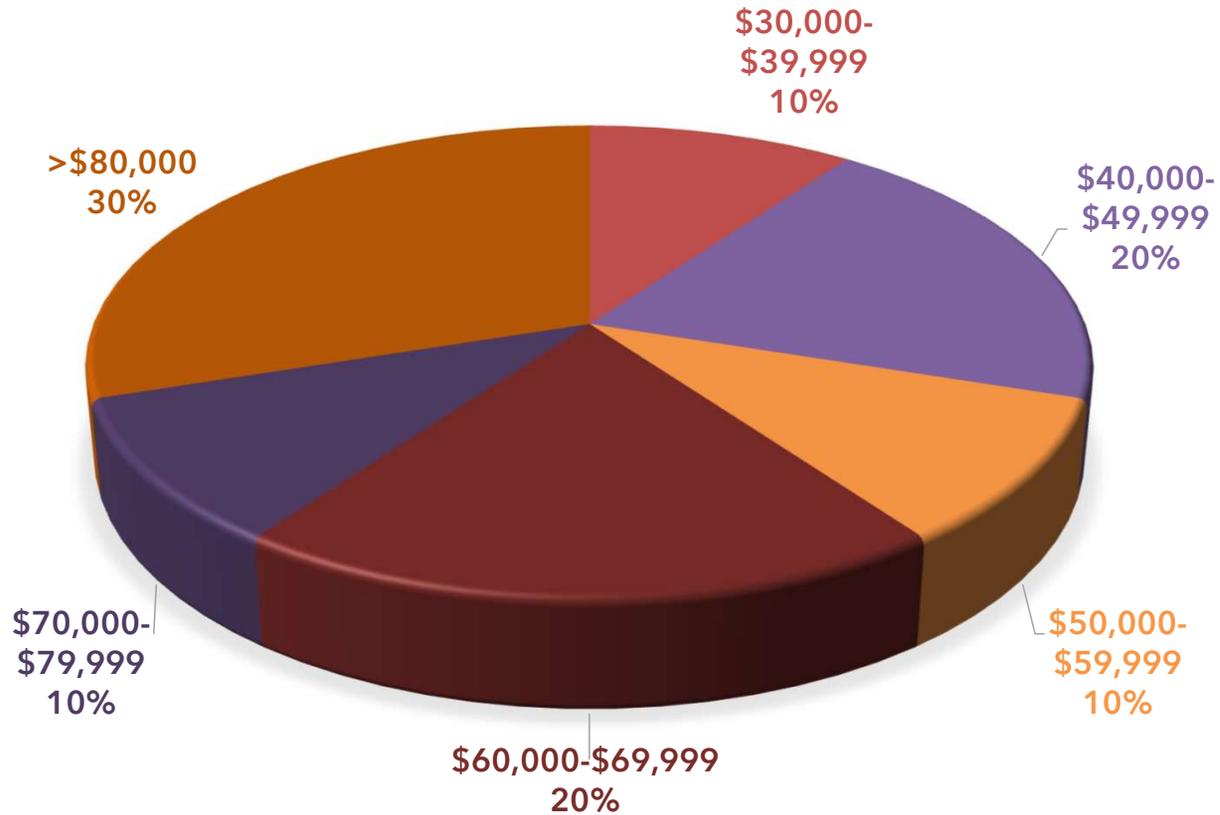
STUDENT AGE



ALUMNI AND EMPLOYER SURVEY 2022

RESULT

WHAT ARE THE ALUMNI SALARY?

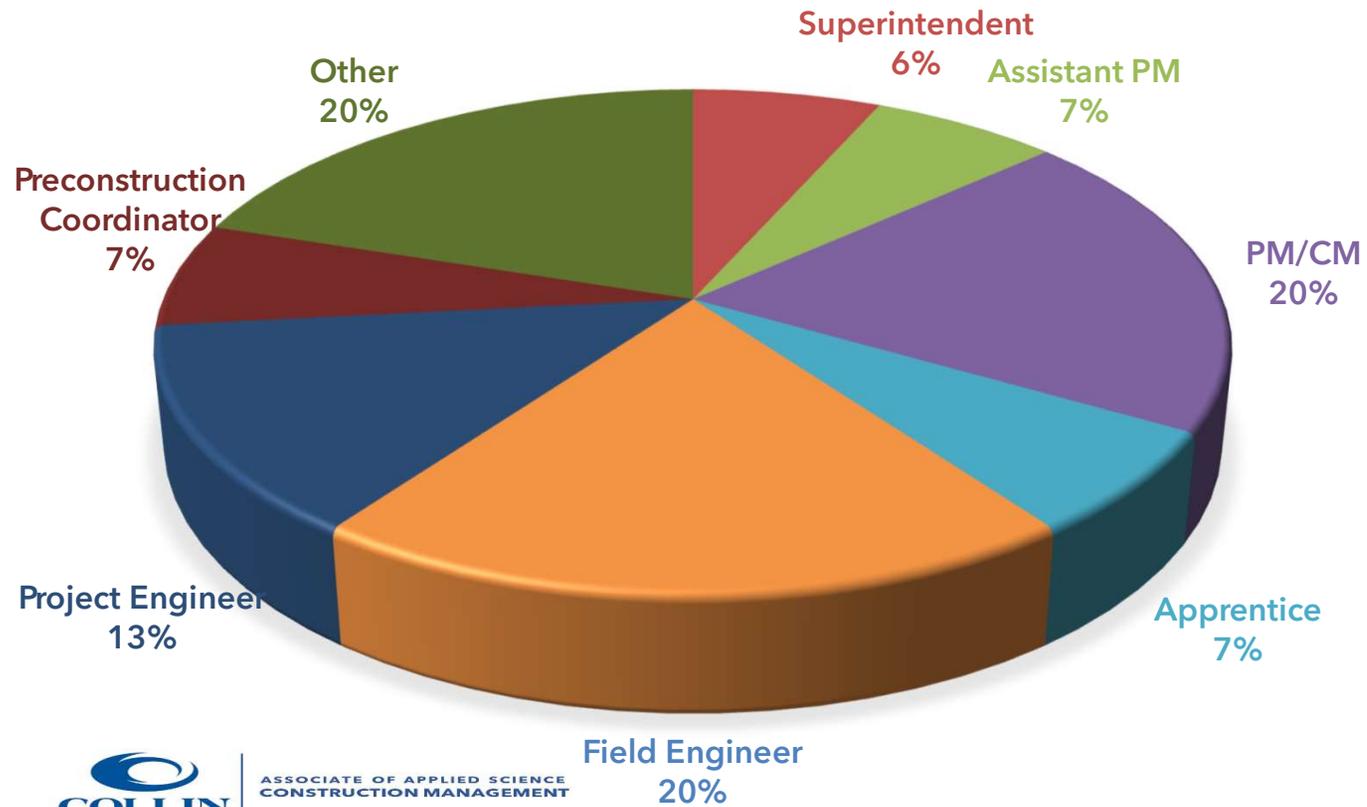


AVERAGE ANNUAL SALARY = \$70,200.00
MEDIAN ANNUAL SALARY = \$66,500.00



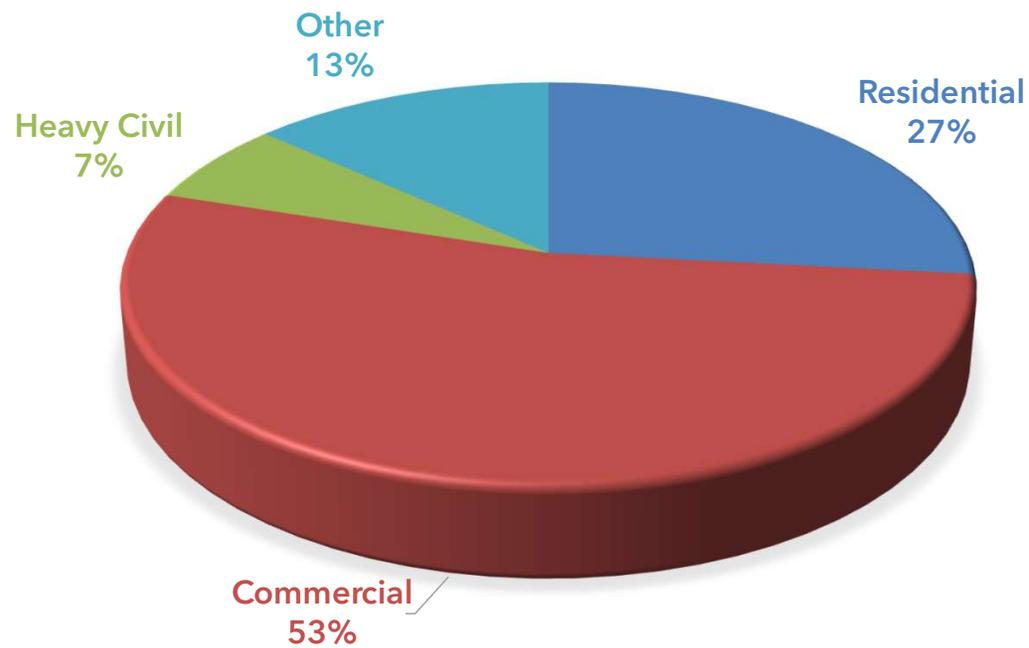
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WHAT ARE THE ALUMNI JOB POSITION?



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WHERE DO THE ALUMNI WORK?



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EMPLOYER SURVEY

LEARNING OUTCOME	AVERAGE RATING
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12. Student demonstrated ability to understand and recognized the importance of safety in the workplace.	3.50

Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree
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AVERAGE = 3.94