The Next 50 Years: Capturing Transformational Possibilities
PerspECCtive

ECC 2018 Academia Industry Update

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Pathfinder

Theme:
The Next 50 Years: Capturing Transformational Possibilities

Year: 2018
Date: Sept. 5-8
Location: JW Marriott Hill Country
          San Antonio, TX
Results: Academia Survey of Recent Graduates

6 September 2018
SURVEY RESULTS – New Hires
There were 108 survey respondents. 84% were recent company hires who graduated 1 – 3 years ago.
Q1: What type of Undergraduate Degree did you complete at University?

95% - Bachelor of Science
Q2: What University did you attend?

49% - Gulf Coast Universities

Top 4
Louisiana State University - 10
Texas A&M - 8
University of Houston - 5
Louisiana Tech University - 4

51% - Other Universities

(Only 74 of 108 participants responded to this question)
Q3: Please select Years of Experience in the Industry.

<table>
<thead>
<tr>
<th>Years of Experience</th>
<th>Responses</th>
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<tbody>
<tr>
<td>0 - 1</td>
<td>26%</td>
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<tr>
<td>1 - 2</td>
<td>28%</td>
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<tr>
<td>2 - 3</td>
<td>30%</td>
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<tr>
<td>Other</td>
<td>16%</td>
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Q4: How well did your University prepare you in the following Engineering/Construction topics? (Rated on a scale from 1 - 5)

Lowest Scores:

Field Construction Planning
Contracting and Contract Administration
Project Controls
Q5: How well did your University prepare you in the following Soft Skill topics? (Rated on a scale from 1 - 5)

Lowest Scores:

- Business Acumen
- Global Competence
- Risk Taking
Q6: What do you feel should have been covered in college to better prepare you for the job you have now? (More than 1 response permitted)

Top Responses:

Career Preparation - 54%
  Internships - 39%
  Co-Ops - 25%
  Group Project - 20%

Real World / Hands-On Experience
Q7: What would you have changed in your curriculum?

Top Responses:
More ‘Real World’ applications - 40%
More Co-Op / Intern Opportunities - 30%
Business Focus - 10%
Q8: What did your college do well in order to prepare you for the job you have now? (More than 1 response permitted)

Top Responses:
- Group Project - 75%
- Internships - 60%
- Extra-Curricular Activities / Clubs - 49%
WORKSHOP RESULTS – 5 September 2018
Where Do We Go From Here?

- What are the Universities doing now?
  - Leadership Minor Course
  - Semester Away – “Constructionarium”
  - “MiniMesters”
  - Integrate CII “Best Practices” program into Curriculum

- What are future plans?
  - Graduate Program in Construction leadership
  - 1 year Master of Engineering
  - 4 year Industrial Project Management Degree
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