

**GRADUATING STUDENT EXIT ASSESSMENT - REPORT**  
**Department of Construction Management**  
Dated: July 01, 2019

**SPRING 2019**

| Degree Type                                    | No. of Students Surveyed |
|--|--------------------------|
| Bachelor of Science in Construction Management | 21                       |

| I. Level of preparation in each of the student learning outcomes (SLO's) in accordance with the American Council for Construction Education (ACCE):            | Very High | High | Average | Low | Very Low |
|--|-----------|------|---------|-----|----------|
| 1. Create written communications appropriate to the construction discipline.   | 1         | 12   | 8       | 0   | 0        |
| 2. Create oral presentations appropriate to the construction discipline.   | 1         | 10   | 8       | 2   | 0        |
| 3. Create a construction project safety plan.  | 5         | 10   | 5       | 1   | 0        |
| 4. Create construction project cost estimates.   | 4         | 11   | 5       | 1   | 0        |
| 5. Create construction project schedules.  | 5         | 12   | 4       | 0   | 0        |
| 6. Analyze professional decisions based on ethical principles.   | 6         | 9    | 5       | 1   | 0        |
| 7. Analyze construction documents for planning and management of construction processes.   | 3         | 14   | 4       | 0   | 0        |
| 8. Analyze methods, materials, and equipment used in construction processes.   | 4         | 10   | 6       | 1   | 0        |
| 9. Apply construction management skills as a member of a multidisciplinary team.   | 3         | 11   | 5       | 2   | 0        |
| 10. Apply electronic-based technology to manage the construction process.  | 6         | 10   | 4       | 1   | 0        |
| 11. Apply basic surveying techniques for construction layout and control.  | 8         | 7    | 6       | 0   | 0        |
| 12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process. | 3         | 9    | 9       | 0   | 0        |
| 13. Understand construction risk management.   | 2         | 8    | 11      | 0   | 0        |
| 14. Understand construction accounting and cost control.   | 0         | 6    | 7       | 8   | 0        |
| 15. Understand construction quality assurance and control.   | 1         | 8    | 10      | 2   | 0        |
| 16. Understand construction project control processes.   | 1         | 12   | 7       | 1   | 0        |
| 17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.  | 2         | 5    | 8       | 5   | 1        |

|   |              |              |              |             |             |
|---|--------------|--------------|--------------|-------------|-------------|
| 18. Understand the basic principles of sustainable construction.                  | 2            | 9            | 8            | 2           | 0           |
| 19. Understand the basic principles of structural behavior.                       | 5            | 12           | 4            | 0           | 0           |
| 20. Understand the basic principles of mechanical, electrical and piping systems. | 3            | 6            | 9            | 2           | 1           |
| <b>ACCE Student Learning Outcomes</b>   | <b>65</b>    | <b>191</b>   | <b>133</b>   | <b>29</b>   | <b>2</b>    |
| <b>PERCENTAGE OF STUDENTS</b>   | <b>15.5%</b> | <b>45.0%</b> | <b>32.0%</b> | <b>7.0%</b> | <b>0.5%</b> |

| ACCE Student Learning Outcomes: SUMMARY  | Very High - High | Average | Low - Very Low |
|--|------------------|---------|----------------|
| 1. Create written communications appropriate to the construction discipline.   | 13               | 8       | 0              |
| 2. Create oral presentations appropriate to the construction discipline.   | 11               | 8       | 2              |
| 3. Create a construction project safety plan.  | 15               | 5       | 1              |
| 4. Create construction project cost estimates.   | 15               | 5       | 1              |
| 5. Create construction project schedules.  | 17               | 4       | 0              |
| 6. Analyze professional decisions based on ethical principles.   | 15               | 5       | 1              |
| 7. Analyze construction documents for planning and management of construction processes.   | 17               | 4       | 0              |
| 8. Analyze methods, materials, and equipment used in construction processes.   | 14               | 6       | 1              |
| 9. Apply construction management skills as a member of a multidisciplinary team.   | 14               | 5       | 2              |
| 10. Apply electronic-based technology to manage the construction process.  | 16               | 4       | 1              |
| 11. Apply basic surveying techniques for construction layout and control.  | 15               | 6       | 0              |
| 12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process. | 12               | 9       | 0              |
| 13. Understand construction risk management.   | 10               | 11      | 0              |
| 14. Understand construction accounting and cost control.   | 6                | 7       | 8              |
| 15. Understand construction quality assurance and control.   | 9                | 10      | 2              |
| 16. Understand construction project control processes.   | 13               | 7       | 1              |
| 17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.  | 7                | 8       | 6              |
| 18. Understand the basic principles of sustainable construction.   | 11               | 8       | 2              |
| 19. Understand the basic principles of structural behavior.  | 17               | 4       | 0              |

|   |              |              |             |
|---|--------------|--------------|-------------|
| 20. Understand the basic principles of mechanical, electrical and piping systems. | 9            | 9            | 3           |
| <b>OVERALL</b>  | <b>256</b>   | <b>133</b>   | <b>31</b>   |
| <b>PERCENTAGE OF STUDENTS</b>   | <b>60.5%</b> | <b>32.0%</b> | <b>7.5%</b> |

|  |           |       |         |       |          |
|--|-----------|-------|---------|-------|----------|
| II. Level of satisfaction with the overall learning experience in the Program? | Very High | High  | Average | Low   | Very Low |
|  | 1         | 11    | 7       | 2     | 0        |
| PERCENTAGE OF STUDENTS   | 5.0%      | 52.0% | 33.0%   | 10.0% |          |
|  | 57.0%     |       | 33.0%   | 10.0% |          |

|  |           |       |         |       |          |
|--|-----------|-------|---------|-------|----------|
| III. Overall teaching effectiveness of the faculty in the Program? | Very High | High  | Average | Low   | Very Low |
|  | 3         | 8     | 8       | 2     | 0        |
| PERCENTAGE OF STUDENTS   | 14.0%     | 38.0% | 38.0%   | 10.0% |          |
|  | 52.0%     |       | 38.0%   | 10.0% |          |

|   |           |       |         |       |          |
|---|-----------|-------|---------|-------|----------|
| IV. Overall level of commitment of the faculty in the Program to student success? | Very High | High  | Average | Low   | Very Low |
|   | 3         | 9     | 7       | 2     | 0        |
| PERCENTAGE OF STUDENTS  | 14.0%     | 43.0% | 33.0%   | 10.0% |          |
|   | 57.0%     |       | 33.0%   | 10.0% |          |

|  |           |       |         |       |          |
|--|-----------|-------|---------|-------|----------|
| V. Level of interest in actively pursuing professional certifications (i.e., Certified Construction Manager (CCM); American Institute of Constructors (AIC); Project Management Professional (PMP) Certification, etc. | Very High | High  | Average | Low   | Very Low |
|  | 3         | 6     | 9       | 3     | 0        |
| PERCENTAGE OF STUDENTS   | 14.0%     | 29.0% | 43.0%   | 14.0% |          |
|  | 43.0%     |       | 43.0%   | 14.0% |          |

|   |                                  |                 |       |
|---|----------------------------------|-----------------|-------|
| VI. Career intentions immediately after graduation. | Construction Industry Employment | Graduate School | Other |
|   | 20                               | 0               | 1     |
| PERCENTAGE OF STUDENTS                              | 95.0%                            |                 | 5.0%  |

|   | Construction Industry Employment | Graduate School | Other |
|---|----------------------------------|-----------------|-------|
| VII. Career intentions five years after graduation. | 21                               | 0               | 0     |
| PERCENTAGE OF STUDENTS                              | <b>100.0%</b>                    |                 |       |