Alumni Civil Engineering Survey

The Civil and Environmental Engineering Department of the Polytechnic University of Puerto Rico is conducting an evaluation of the effectiveness and achievement of our academic programs. This survey will help us with their evaluation.

It will only take a few of minutes to complete. Thank you for your time and assistance.

1. Background

1.1 What is your student identification number? (For academic purposes only)

[Blank Box]

1.2 What is your electronic mail address?

[Blank Box]

1.3 Graduation Date [Blank Box] (Year)

1.4 Rate your knowledge about your program educational outcomes?

[ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

1.5 Indicate your current status regarding your professional license examination.

Fundamental Exam: [ ] Not taken [ ] Taken but not passed [ ] Passed

Professional Exam: [ ] Not taken [ ] Taken but not passed [ ] Passed

2. Outcomes

2.1 Rate your ability to apply knowledge of mathematics, probability, statistics, science and engineering.

At graduation date: [ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

At present time: [ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

2.2 Rate your ability to work in teams and to interact with professionals of other disciplines.

At graduation date: [ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

At present time: [ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

2.3 Rate your proficiency to analyze and design systems, components, or processes in a minimum of four of the following areas: structural, geotechnical, water resources and environmental, highway and transportation and construction engineering.

At graduation date: [ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

At present time: [ ] None or Very Weak [ ] Weak [ ] Strong [ ] Very Strong

Note: This information will be used for academic purposes only.
2.4. Rate your ability to design and conduct laboratory experiments and to critically analyze and interpret data in a minimum of two of the following areas: structural, geotechnical, environmental, and transportation engineering.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.5. Rate your ability to identify, formulate, and solve civil engineering problems.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.6. Rate your comprehension of professional practice issues and ethical principles.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.7. Rate your ability to communicate orally, in writing, and graphically in an effective way.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.8. Rate your ability to evaluate the impact that design alternatives will have on society.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.9. Rate your ability to learn independently and the awareness of the need to be engaged in continuing education.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.10. Rate your knowledge of contemporary issues related to the civil engineering practice.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

2.11. Rate your ability to model civil engineering problems and to interpret results through the use of modern technologies.

At graduation date: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong
At present time: ○ None or Very Weak ○ Weak ○ Strong ○ Very Strong

Comments:

Thanks for your cooperation!

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