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Respondent

34 Anonymous

115:16
Time to complete

Application Information

1. Name: *

Christopher Herwerth and Izabela Bayajyan

2. GCC Title/Position: *

Professor of Engineering, Adjunct Instructor of Architecture

3. Department: *

Engineering, Architecture

4. Campus: *

Verdugo

Garfield

5. E-mail: *

cherwerth@glendale.edu, iboyajya@glendale.edu

6. Phone: *

818-240-1000 Ext. 5628

7. Dean or Department Head's Name: *

Jeremy Talaoc, Federico Saucedo

Project Proposal

8. Name of Project/Program: *

Architecture and Engineering Student Collaborative Project Learning

9. Please select which category best describes your project: *

- Arts & Culture
- Athletics & Fitness
- Career & Work Training
- College Operations & Facilities
- Humanities/Social Sciences
- Science & Technology

10. Amount requested: *

\$5,000

11. What do you propose to do? *

We would like to coordinate two field trips for engineering and architecture students to visit a construction job site and also participate in two competitions or exhibits where engineering and architecture students can collaborate to produce a product or design.

12. Who will be involved in the project/program? *

This project will involve one engineering instructor and one architecture instructor. Currently, Christopher Herwerth and Izabela Boyajyan would be coordinate up to 20 engineering and architecture student participants.

13. What are the benefits of this project/program to the students, college, and the community? *

Engineering and Architecture students will learn how engineers and architects work together on various construction projects in industry. Students will experience real projects such as a construction site or factory and they will learn how each other's discipline work together. GCC architecture and engineering students will become better in their respective fields which will in turn benefit the broader construction industry in Glendale.

14. How does this project/program support the College's Institutional Strategic Plan? *

View ISP at <https://www.glendale.edu/home/showpublisheddocument/68172>

This project will support student success as underrepresented community college students will experience basic activities of the construction and design industry. Many community college students do not get to experience real projects and there education may be slowed because of only studying theoretical concepts. This project will allow architecture and engineering students to see and touch real architecture and engineering construction materials and see how they are used.

15. Timeline for the project/program. *

This program will be executed over the course of two semesters and possibly a summer session.

16. How do you propose to use the funds requested? Please include specific budget information. *

Part-time faculty non-instructional hourly = 2500
Supplies = 500
Student travel expense = 500
Student stipends = 1500

17. Please list any other sources of funding you have applied for and include dollar amounts if already awarded. *

None at this time
Possible MESA funding for engineering students

18. How will the Foundation's support be recognized? *

Foundation will be recognized in student publications, social media posts, and GCC student presentations

19. How do you plan to evaluate this project's success? *

Student surveys
Industry partner feedback

20. If your project/program is successful, how will it inform your practice moving forward? *

This project will inform curriculum development as there are opportunities to create both architecture and engineering courses and course content for future program development. Example of Materials of Architecture course

21. Please provide a 2 – 3 sentence summary of your project proposal. *

The Architecture and Engineering Student Collaborative Learning Project will give architecture and engineering students the opportunity to visit professional construction and design sites to experience how their coursework and designs are actually implemented in industry. Students spend time visiting jobsites and developing and building projects to present to professionals in order to have direct experience in their future career pathways.

Signature and Acknowledgments

22. I hereby acknowledge/certify: *

- My Dean or department head is aware of this application and has authorized its submission.
- If my proposal involves the hiring of temporary/contracted professionals, I will obtain approval from Human Resources before proceeding and will provide documentation to the Foundation that the hiring/contracting has been reviewed and approved.
- If my proposal involves conference and/or other travel, I will complete the GCC travel approval process and adhere to GCC travel guidelines.