Name of person reporting outcomes

Dr. Lucas Craig

Email

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IITG Project Title

2015-Canton-Craig-Technologies to attract/support STEM

Have you applied for, or received additional funds? (choose all that apply):

- Consider the project complete, and do not intend to seek additional support

Access

The grant will serve local high-school and non-engineering students outside of the engineering technology programs here at SUNY Canton. Innovative technologies will be used to showcase engineering technology.

Completion

The grant is specifically designed to help students learn about engineering technology using innovative technologies and create a pathway for them in the engineering technology field in the future.

Success

The grant will provide a comprehensive framework of hands-on and inter-disciplinary projects in the engineering technology field to promote and attend engineering technologists in the future. High school students are given the opportunity to achieve college success and pursue an interest in the engineering and science fields.

N/A

1st Choice:

Instructional Technologies

Instructional Technologies

- Wearable Technologies

2nd Choice:

Instructional Design

Instructional Design

- Course Design/Development/Re-Design
- Student Engagement

3rd Choice:

No further selection

What recommendations would you make to scale-up or share your project more broadly (within an educational sector, or perhaps SUNY-wide)?

N/A

If you would like to create a community of practice within the SUNY Learning Commons, please describe "members of your community" who would be most interested in your outcomes. Please be specific (e.g., math faculty, instructional designers, student services, registrars, administrators, accreditation or assessment specialists).

Physics, Math, Chemistry, Biology, Veterinary faculty. Also, would like to include librarians, tutors, and admission directories.

Do you intend to create an ongoing "Community of Practice" within the SUNY Learning Commons to continue work and dialog regarding this project?

Unsure at this time

Overall, how successful was IITG in meeting your project goals? (You may elaborate on your response in the final question if not addressed elsewhere.)

Very successful

Do you wish your current abstract to be used?

Yes

File One Upload and Brief Description

This is the syllabus for the SOET 291 course that was taught in the spring 2016 semester.

File One

- SOET291_ETA_newCourseOutline.docx

File Two Upload and Brief Description

This is the powerpoint that was shown at the CIT conference in 2016. Please use this link from my onedrive account. The file was too big to upload and crashed when I submitted.

https://1drv.ms/p/s!AttYy1mPYDb0-SqHbGeOaKXwvNY0

Any additional comments or resources you wish to share?

We originally planned for a credit-bearing course with a reduced price for high-school students (to have high enrollment numbers), similar to programs that our neighboring colleges provide. However, we found out that we cannot provide the tuition assistance needed and have been having a difficult time getting the enrollment number we wanted. We are continuing to find alternative ways to increase enrollment for this year and for next year.

Some positive observations from the project were as follows: 1) There has been a lot of enthusiasm among faculty and students to use the 3D projector system in the classroom (students even made a note in their course evaluations to have one dedicated for the tutoring lab); 2) The learning curve for the 3D projector system is very quick; 3) Students were very engaged with the content when using the Myo gesture controlled armband as a presentation connector.

Consistent with the RFP, you must indicate which Creative Commons license you intend to use.

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