

Name of person reporting outcomes

Marjaneh Issapour, Lijian Xu

Email

xul@farmingdale.edu

IITG Project Title

2015-Farmingdale-Miao-Microcontroller LABs

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

- Have applied for additional IITG funds to extend this project
- Have applied for support from a private foundation or smaller funding source

Access

This becomes a standard training models for SUNY wide students.

Completion

This project helps electrical and computer engineering students complete their microcontroller related courses in a more manageable way.

Success

Those developed models can be fully implemented in SUNY open source website to support for students success.

Inquiry

This project becomes the first step for improving students' learning experience of microcontroller courses, we start to apply funding from external resources.

Engagement

This new technology environment can be easily adopted by our community and promote future students' interests in studying STEM in college.

This can be served as an standard models to save dollars from damaging hardware board due to the unfamiliar environment at the beginning of each semester.

1st Choice:

Discipline Specific Pedagogy

Discipline Specific Pedagogy

- STEM

2nd Choice:

Connected Learning Models

Connected Learning Models

- Active Learning
- Collaborative Learning Technologies

3rd Choice:

Assessment, Understanding, Monitoring Student Progress

Assessment, Understanding, Monitoring Student Progress

- Adaptive Learning Technologies

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

Post models at Open SUNY and recommend the project to other SUNY campus.

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).

Computer and Electrical Engineering faculty.

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

Yes

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

Final Project Report

File One

- [IITG2015_2016-Report.doc](#)

File Two Upload and Brief Description

Final Project with Code, compressed

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

Attribution – Non-Commercial - Share Alike