

I. [Enhanced Lottery](#) - [Justification Due Date: October 21, 2016](#)

I. CodeLab as stated in our Program Review V.C. "Continue offering CodeLab online tutorial free to all our students."

- a) \$17,000 payment for two years (due upon agreeing?)
- b) \$2,500 annual maintenance payment (billed each year in August)
- c) unlimited use

1. *What will the money be used for? (i.e., software, videos, etc.) Please see attached for allowable items.*

Online tutoring program

2. *How many students will benefit from this purchase?*

All students in our programming courses: CIS 22A, CIS 22B, CIS 22C, CIS 35A, CIS 36A, CIS 36B, CIS 40, CIS 41A, and CIS 14A.

3. *How does this enhance your Equity Goals?*

When we have the students pay for the program themselves, it is the very students that are trying most to reach who cannot (or choose not) to afford it. This increases the gap. I for one, do not use it if the students have to pay for it because of the equity issue.

4. *How does this enhance your Student Learning Outcomes?*

One SLO statement for each of our programming courses is focused on students writing and debugging code in that particular language at the appropriate level. Students cannot do this unless they can know and can implement the basic programming constructs. This software app helps them learn, review, and practice these basic skills.

5. *Was this noted on your Program Review?*

Yes, V.G Equity Planning and Support

II. Spurred by the move to virtually all hybrid or online classes, we would like to purchase copies of Camtasia for each faculty member.

I do have a request for a quote for a license for 30 (covers both full and part-time faculty) but at the least we would like to purchase a copy + disc for each of our full-time faculty +1 to make it an even 10. The cost is \$830.10 per five including S & H for a disc. Thus, the request would be for 1660.20. If there is a price cut for 10 greater than 5 then please apply towards another copy.

1. *What will the money be used for? (i.e., software, videos, etc.) Please see attached for allowable items.*

Software

2. *How many students will benefit from this purchase?*

All our students since this would provide for another way of delivering course content. Visual learners probably would benefit the most but audio learners would hear and re-hear lectures, too.

3. *How does this enhance your Equity Goals?*

Providing opportunity for students to review examples and lectures multiple times and at their convenience helps the weaker students the most.

4. *How does this enhance your Student Learning Outcomes?*

One SLO statement for each of our programming courses is focused on students designing, writing and debugging code. Many students need more examples and more practice than what is done during the meeting times to achieve this outcome.

5. *Was this noted on your Program Review?*

Yes, IIIB Closing the Equity Gap; IIC Plan if Success Rate of Targeted Group(s) is Below 60; V.K.2 Staff Development Needs Justification (OEI)

III. We now have instructional assistant(s). We need software to implement a booking system. Based on what DA library paid it would be about \$700. (Yes, home-grown is an option, but time is precious)

1. *What will the money be used for? (i.e., software, videos, etc.) Please see attached for allowable items.*

Software

2. *How many students will benefit from this purchase?*

Will vary but in order to really promote one-on-one tutoring we need to make it easy for students to sign-up so they know they will indeed get help.

3. *How does this enhance your Equity Goals?*

One-on-one tutoring is directly focused to assist our targeted group of students.

4. *How does this enhance your Student Learning Outcomes?*

Programming is a brand new skill and like any skill one learns for the first time, each learner needs a little extra help with something. Achieving the outcome stated in our courses requires disparate skills: designing algorithms, learning the coding syntax, debugging on multiple levels. At least one of these areas tends to be difficult for each of our students.

5. *Was this noted on your Program Review?*

Yes, Program Review V.C. "One-on-one tutoring"

IV. There is a third piece of software that needs vetting AutoGradr (<http://www.autogradr.com/>). This would allow more immediate feedback to students.

1. *What will the money be used for? (i.e., software, videos, etc.) Please see attached for allowable items.*

Software

2. *How many students will benefit from this purchase?*

All students in our programming courses: CIS 22A, CIS 22B, CIS 22C, CIS 35A, CIS 36A, CIS 36B, CIS 40, and CIS 41A.

3. *How does this enhance your Equity Goals?*

The more difficulty the student is having mastering the topics, the more immediate feedback is necessary.

4. *How does this enhance your Student Learning Outcomes?*

Students need immediate feedback so that they can move on to the next topic and assignment that builds on the assignment just submitted.

5. *Was this noted on your Program Review?*

Yes, V.E.3 Equipment Justification. 4) Instructors need to assist students in the lab, in AT 203F, and, in addition, with all assignments being submitted online (rather than students printing and submitting hard-copy) the time it takes to correct programming labs has more than doubled.