

#15

COMPLETE

Collector: Live Link (Web Link)
Started: Monday, February 10, 2020 5:15:07 PM
Last Modified: Monday, February 10, 2020 6:28:54 PM
Time Spent: 01:13:47
IP Address: 160.227.129.179

Page 1: For Annual Planning/Program Review Requests AND Off-Cycle Requests

Q1 Technology Plan Year **2020-2021**

Q2 Title of Request

Learning Glass Lightboard Studio

Q3 Location of Request

H-223/H-224

Q4 Department

Engineering and Physical Science

Q5 Contact Person

Name	Miriam Simpson
Email Address	miriam.simpson@gcccd.edu

Q6 DescriptionPlease provide a brief description of the technology/software or technology project and its core goal(s).

LED lighting on specialized glass creates a transparent white board that illuminates writing with neon markers. Paired with an iPad and some simple audio/video accessories this can be used to generate recorded content (flipped classroom), to teach online courses (fully online and hybrid), to teach face-to-face in a classroom setting, and to create content on a YouTube channel.

Page 2: Proposal Justification

Q7 Please explain how the technology or enhancement supports the strategic plan. Include information on how students will be impacted and/or employees or the college or district overall. Consider whether this would be a district-wide implementation. Which Strategic Plan priority (or priorities) are supported by this request? To access the Strategic Plan, please click here.

Student Validation and Engagement

Q8 How does the request support the above priorities?

This is something that students really want and love. They are already using video content that does not always align well with their courses. Our ability to create custom content will make in person courses better and allow us to start developing online courses.

Q9 Who would this impact? Please select all that apply.

**Students,
College**

Q10 What is the number of students or employees impacted per semester?

600

Q11 How would this impact the above group(s)?

Students in Engineering and Physical Science would have access high-quality, online material.

Q12 Does the technology support a state-wide initiative or is it a legal mandate or in support of a legal mandate?

No

Q13 If yes, please explain how the technology supports a state-wide initiative or is it a legal mandate or in support of a legal mandate?

n/a

Q14 Please be aware that projects, once approved, are typically scheduled 6 months to a year in advance. Consider the consequences if the technology/software is not implemented, upgraded or renewed. What are the consequences if the technology/software is not implemented/upgraded, or renewed? Examples: Security concerns, loss of FTES, mandates, accreditation, etc.

This supports two sabbatical proposals (one in Physics and one in Math) for Spring 2021 as well as the design for several online classes which we would like to start offering as soon as Fall 2020 but may not be able to without this equipment.

Q15 What is your preferred time for implementation?

ASAP

Q16 Tell us how the data you have supports the implementation of the technology. This can be qualitative or quantitative in the form of surveys, observations, SLO or other assessment data, institutional research data or other reports and data.

This technology is used at SDSU in their physics department with very good student (and internet) feedback.

<https://its.sdsu.edu/learning-glass/>

Q17 How critical is this need in terms of supporting curriculum and services? **3**

Q18 Please attach any supporting data/documentation using the "Upload" button below. **Respondent skipped this question**

Page 3: COST ANALYSIS

Q19 Is the request for hardware or software? **Hardware**

Q20 Is the request for new or an upgrade to existing technology? **New (new to the campus)**

Q21 Total initial cost of request: This includes hardware and software maintenance, licence, taxes, fees, shipping, storage, etc. Contact Sherri Braaksma for assistance.

\$6,107.73

Q22 Funding Source: **General Fund**

Q23 Please attach quote using the "Upload" button below.

LearningGlassQuote.png (198.2KB)

Page 4: Grant Funding Source

Q24 Please specify the grant that will fund the technology you are requesting. **Respondent skipped this question**

Page 5: Evaluation Plan

Q25 Evaluationi. How do you plan to evaluate the technology after implementation?

We will compare success rates in course sections that use it vs those that do not, we will also survey students on their impressions of it as a learning tool.

Page 6: Type of Request

Q26 Is this an Off-Cycle Request (e.g., not part of the annual planning/program review process)? **No**

Page 7: Off-Cycle Requests Only

Q27 What are the exigent circumstances and/or contributing factors that would qualify this request to be eligible for Off-cycle consideration? Please explain why this request cannot wait until the next annual planning cycle. **Respondent skipped this question**

Page 8: Ready to Submit

Q28 Are you ready to submit your technology request? **Yes**
