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Page 1: For Annual Planning/Program Review Requests

Q1 Technology Plan Year **2019-2020**

Q2 Title of Request

Learning Glass for Online Video Content

Q3 Location of Request

H Building

Q4 Discipline

Physics Engineering, Earth Science, Biology

Q5 Department

Math, Science, and Engineering

Q6 Contact Person

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

Q7 DescriptionPlease provide a brief description of the technology/software or technology project and its core goal(s).

The Learning Glass is new technology (developed at SDSU in the physics department) for recording lectures that allows instructors to write lecture notes while maintaining face-to-face contact with students. It's a transparent whiteboard paired which can be paired with a video system. The instructor writes normally, left to right, then the recorded image is flipped so students can view the notes correctly through a monitor. We would like to obtain this system to provide online video content for live and online classes in the science department.

Page 2: Proposal Justification

Q8 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 this be a district-wide implementation.Which Strategic Plan priority (or priorities) are supported by this request? To access the Strategic Plan, please click here.

Guided Student Pathways,

Student Validation and Engagement

Q9 How does the request support the above priorities?

This technology will be useful in providing accessible content for live and online classes which will give supplemental material to students and beautiful, useable online content for distance learning students.

Q10 Who would this impact? Please select all that apply.

Students,

Employees,

College,

District

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

Students would be provided with free, beautiful content. Faculty would have a resource for recording online content, and the college and district would gain more robust online and hybrid classes to boost enrollment and meet state online community college goals.

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

Yes

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?

This technology will be instrumental in helping Cuyamaca meet the The California Community Colleges Online Education Initiative (OEI) and join the exchange with high quality online science courses.

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.

It will be much harder to generate good online content and thus harder to create viable online science classes.

Q15 What is the number of students impacted per semester if the technology/software is not implemented, upgraded or renewed?

1000

Q16 What is your preferred time for implementation?

Fall 2019 or Spring 2020

Q17 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.

Learning glass demo: https://www.youtube.com/watch?v=m_IGOYhtGEA

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 Estimated or known total initial cost of request: This includes hardware and software maintenance, licences, taxes, fees, shipping, storage, etc.

2,909.25

Q22 Funding Source:

General Fund

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

Learning Glass.png (326.2KB)

Q24 Evaluationi. How do you plan to evaluate the technology after implementation?

SLOs and enrollment related to content generated with the learning glass will be closely monitored.

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Q25 Are you ready to submit your technology request?

Yes