

#17

COMPLETE

Collector: Live Link (Web Link)
Started: Saturday, February 09, 2019 9:36:43 PM
Last Modified: Sunday, February 10, 2019 12:30:53 PM
Time Spent: 14:54:10
IP Address: 66.75.238.55

Page 1: For Annual Planning/Program Review Requests

Q1 Technology Plan Year **2018-2019**

Q2 Title of Request

Instructor Laptop for the Earth Science Classroom

Q3 Location of Request

H-224

Q4 Discipline

Earth Science

Q5 Department

Science and Engineering

Q6 Contact Person

Name	Caitlin Tems
Email Address	caitlin.tems@gcccd.edu

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

The instructor laptop in the classroom has not been working for two years and an Earth Science classroom student laptop is currently being used in place of an instructor laptop. This means that there are not enough laptops in the classroom for all students to work on during class activities and labs. A working instructor laptop is essential for teaching Earth Science courses.

Page 2: Proposal Justification

Technology Request Form

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 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
Organizational Health

Q9 How does the request support the above priorities?

To teach innovative courses and provide students with the necessary equipment to complete class activities and lab exercises a functioning laptop for the instructor that is compatible with the classroom's projection system is required.

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

Students,
Employees

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

Earth Science faculty members need to have a reliable computer that can be used as a teaching aid to project slides and show short educational video animations. Currently, a computer that was purchased as a student computer is being used in place of a working instructor laptop. This means that there are not enough computers for the students in the classroom to complete class and lab activities which takes away from the students learning experience and negatively impacts student success.

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?

Respondent skipped this question

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.

The consequences of not having the technology (an instructor laptop) implemented is that it impedes instruction in all Earth Science courses and takes resources (a student computer) away from the students taking each course which negatively impacts student learning and success.

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

224

Technology Request Form

Q16 What is your preferred time for implementation?

It is preferred that the technology would be available by at least Fall 2019.

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.

The Earth Science Program has been completely rebuilt in the last two years. New curriculum in both lecture and lab courses has been implemented to focus on active learning and the incorporation of technology in the classroom. Newly developed lab activities have been implemented in Oceanography and Geology courses, which integrate computers into the exercises and require that all students in the classroom have access to a laptop. Likewise, a new Physical Geography activity has been developed centering around Google Earth that also requires students to have access to computers in the classroom. Enrollment in Earth Science classes is also increasing, which indicates that in order for all students to have access the the student laptops in the classroom a specifically instructor designated laptop is required.

Q18 Please attach any supporting data/documentation using the "Upload" button below.

Technology Request Enrollment Data 2019.pdf (16.9KB)

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.

The total cost will depend on the laptop that is purchased. An estimate for new laptop (Mac Book Air) with the necessary processing power is \$924.04.

Q22 Funding Source:

General Fund

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

Technology Request Instructor Laptop.pdf (117.5KB)

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

Instructors will be given a survey to evaluate if the new laptop has helped improve instruction. Increases in enrollment and student success in courses will also be used to evaluate the implementation of this technology.

Page 4

Q25 Are you ready to submit your technology request? **Yes**
