

#27

COMPLETE

Collector: Live Link (Web Link)
Started: Monday, February 11, 2019 12:16:46 AM
Last Modified: Monday, February 11, 2019 12:26:12 AM
Time Spent: 00:09:26
IP Address: 99.88.192.173

Page 1: For Annual Planning/Program Review Requests

Q1 Technology Plan Year **2019-2020**

Q2 Title of Request

Wireless Routers and NICS for Network+ class

Q3 Location of Request

E-211

Q4 Discipline

CIS

Q5 Department

CIS

Q6 Contact Person

Name **Curtis Sharon & Tim Phillips**

Email Address **curtis.sharon@gcccd.edu**

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

Replace the current routers, which are over 6 years old and do not support the current curriculum.

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.

Guided Student Pathways,
Student Validation and Engagement

Q9 How does the request support the above priorities?

In the most recent update of the CompTIA A+ exam, a significant portion pertains to Wireless networking. We do not have any of the necessary equipment to teach these technologies to our students in this course. Without the Routers and NICS, are students will not be prepared to pass the certification exam.

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

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

There are currently only five operational, outdated wireless routers and Network Interface Cards (NICs) for a total of 14 lab computers. These devices have been in use for over six years. The wireless routers are no longer updatable and are obsolete by today's standards. The ability to demonstrate proficiency with wireless network security was a major part of the most recent CompTIA A+ and Network+ certification exams. Our students are not exposed to enhanced security procedures when learning about wireless networks because of the age and old technology used in our current wireless routers and NICs and are at a significant disadvantage when attempting to take the current certification exams.

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?

Strong Workforce

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 wireless routers are no longer updatable and are obsolete by today's standards. Without proper equipment, we cannot teach the hybrid course.

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

60

Technology Request Form

Q16 What is your preferred time for implementation?

as soon as possible

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 wireless routers are no longer updatable and are obsolete by today's standards.

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?

Upgrade (replacing outdated technology)

Q21 Estimated or known total initial cost of request: This includes hardware and software maintenance, licences, taxes, fees, shipping, storage, etc.

3315

Q22 Funding Source:

Perkins

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

1BWM6K2-wireless-routers.pdf (61.3KB)

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

The equipment will be successful if it works and supports the curriculum.

Page 4

Q25 Are you ready to submit your technology request?

Yes
