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Page 1: For Annual Planning/Program Review Requests

Q1 Technology Plan Year **2018-2019**

Q2 Title of Request

Expand the ability of instructors to use active learning techniques across the discipline in order to increase student success, retention and equity

Q3 Location of Request

F408

Q4 Discipline

Science & Engineering ALL

Q5 Department

Science & Engineering ALL

Q6 Contact Person

Name	**Kathryn Nette**
Email Address	**kathryn.nette@gcccd.edu**

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

2 Promethean Smart Boards (like the ones in F606). These will be used to update F408 to an active learning classroom.

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

Q9 How does the request support the above priorities?

The goal of this project is to increase the classroom space available for teaching through active learning which is a basic tenant of guided student pathways. The smart boards have capabilities that allow more active participation in the classroom than the traditional projection systems. Using active learning results in greater student success.

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

Students,

College,

District

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

the use of this type of equipment in the classroom should result in greater student success and retention, thereby increasing funding to the District and College.

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?

Since Cuyamaca is one of the 20 guided pathways colleges in the state, this equipment will support the use of active learning methodologies to support the success of guided pathways.

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 equipment is in support of active learning as described in Guided Pathways literature to achieve student success, retention and equity. The old classroom is horrible for teaching, and is not conducive to a positive learning environment which decreases the likelihood of success for our students...see the research paper below.

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

480

Q16 What is your preferred time for implementation?

As soon as available.

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.

We are currently using the newly updated F606 to change curriculum to active learning from traditional learning. See the research paper at https://www.pnas.org/content/pnas/111/23/8410.full.pdf

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 smart screens with a total funding cost of $16,696. We just purchased two of these for F606.

Q22 Funding Source: **General Fund**

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

Grossmont-Cuyamaca Comm. College District - Quote For 86- Promethean Panels July 2018_V5.pdf(82.2KB)

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

This technology will be evaluated along with the same technology being evaluated in F606. We will be evaluating whether courses taught in this room have higher success rates than courses taught in traditional lecture rooms.

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