

# #16

**COMPLETE**

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

**Q1 Technology Plan Year** **2020-2021**

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**Q2 Title of Request**

iClicker Classroom Response System

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**Q3 Location of Request**

H-223, H-224, F-301, Travel Set

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**Q4 Department**

Engineering and Physical Science

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**Q5 Contact Person**

Name	<b>Miriam Simpson</b>
Email Address	<b>miriam.simpson@gcccd.edu</b>

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

Classroom response system for polling and interacting with students in real time. This technology is used to engage students in a passive way, allowing them to test ideas and concepts without feeling put on the spot and therefore helping the most vulnerable students participate and giving the instructor a better idea of how the class is doing than the standard socratic method.

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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.

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**Student Validation and Engagement**

**Q8** How does the request support the above priorities?

Students using the iClickers are much more active and participatory in class. It is a well known active learning tool that supports learning.

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

**Students,  
Employees**

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

200

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

Students would have improved outcomes, faculty gain a useful teaching tool that can also be used to assess SLOs and passively take attendance.

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

**No**

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**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

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**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.

Our current system's hardware/software is no longer compatible with current Apple and Windows operating systems and is no longer supported. This impacts all courses currently using this technology.

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**Q15** What is your preferred time for implementation?

Fall 2020

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**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.

On a set of 10 physics conceptual questions in the 2018/2019 academic year, deployment of iClickers shifted the number of students answering correctly from an average of 46% to 81% in a single class meeting. This data was averaged over three different sections of PHYC 190, 200, and 210. Previous year's results were similar.

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**Q17** How critical is this need in terms of supporting curriculum and services? **4**

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

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Page 3: COST ANALYSIS

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

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**Q20** Is the request for new or an upgrade to existing technology? **Upgrade (replacing outdated technology)**

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

6221.50

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**Q22** Funding Source: **General Fund**

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

**Cuyamaca College-Simpson-40 ic2 remotes and kit quote\_V1.pdf (98.4KB)**

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Page 4: Grant Funding Source

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

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Page 5: Evaluation Plan

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

We will continue to monitor students understanding of core concepts using the iClicker's recorded data.

Page 6: Type of Request

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

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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**

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Page 8: Ready to Submit

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

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