TECHNOLOGY NEEDS ASSESSMENT APPLICATION
Fall 2017

Technology: Programs should list the technology needed to provide ongoing service or instruction, and an approximate cost of the request. *Technology that is listed in this category will be forwarded to Campus Technology Services to evaluate through their own processes.*

Name of Person Submitting Request:	**Michael Torrez**
Program or Service Area:	**Chemistry**
Division:	**Science**
Date of Last Program Efficacy:	**2016**
What rating was given?	**Continuation**
Amount Requested:	**$450.35 for two licenses "education pricing" plus 2 backup CDs and 1 year maintenance/upgrade**
Strategic Initiatives Addressed: [Strategic Directions + Goals](#)	**Strategic Initiatives addressed:** 1.**114** Make better use of web content for online and traditional courses **2.6/2.6.1** Increase Student Success for both traditional and online (hybrid) students **Strategic direction and Goal:** 2: Promote Student success - Increase the use of low-cost and free online resources - Maintain up-to-date curriculum that is relevant to community needs

Replacement ☐   Growth ✗

1. **You are required to meet with Rick Hrdlicka – Director of Campus Technology Services prior to submitting a Technology Needs Request. 909-384-8656 or rhrdlicka@sbccd.cc.ca.us. Please provide the date and time of your meeting.**

10/10   emails

2. Projects that require modification to Buildings or Rooms will require a Facilities Need Request. Will this project require facilities changes?

None

3. What technology-based equipment or software are you requesting?

Department set of licenses (2) **Camtasia** for use in supplemental lecture video for flipped classrooms/lab as well as online hybrid content augmentation

4. Indicate how the content of the latest Program Efficacy Report and current EMP data support this request. How is the request tied to program planning? *(Reference the page number(s) where the information can be found on Program Efficacy.)*

Under the **Program Efficacy Report Spring 2016** on **Page 5** Part V: Technology, Partnerships & Campus Climate: Program has plans to further implement the strategic initiatives of Technology, Partnerships and/or Campus Climate. Our department has stated **"The department has begun to offer online/hybrid courses to better meet the needs of allied health majors."** The purchase and implementation of this software will help meet the needs of allied health majors for the hybrid online courses by providing updated, relevant online media for online hybrid students to review. Currently, the "online lecture" component consists of specialized online videos and quizzes that are becoming outdated (8 years old). Older online video editors originally used to make necessary changes to update videos are out of date. This software will allow an instructor to update existing video media while providing ease in the creation of more modern videos. This will help students in the learning of the content and by extension increase student success.

Although many online video editors already exist, they are often cumbersome to use or not reliable in producing quality education videos. Camtasia will allow for easy video production in a timely manner.

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5. Indicate if there is additional information you wish the committee to consider *(for example, regulatory information, compliance, updated efficiency, student success data, planning, etc.).*

1. Because instructor/institution feedback is important for student success, the software will allow for more dynamic interactions with students by offering embedded Quizzes within videos for quick feedback on learning retention

2. The software can also be used to also reinforce student learning in traditional courses by offering students quick online video introductions to content before coming to class or online introductions to chemistry labs.

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6. Provide a <u>complete itemized list</u> of the initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources. (*for example, Department, Budget, Perkins, Grants, etc.*)

2 licenses at a cost of $160 each with 2 $10 backup CD fee for each license and 1 year maintenance/upgrade put tax.
(Total : $450.35)

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7. What are the consequences of not funding this request?

Current videos are becoming outdated and some components of the videos are no longer in-line with current course record of outline requirements. First, many students will continue to have trouble learning the content affecting student success. Next, many students will seek other institutions offering the same online hybrid course with more modern online media for ease of student learning, which affects student retention.