



TABLET INITIATIVE MID-TERM EVALUATION RESULTS

Fall 2014

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Introduction

In fall 2014, Crafton Hills College in collaboration with the Academic Senate, the Office of Instruction, the Education Technology Committee, and the Table Initiative Taskforce initiated a pilot program to place tablets in the hands of students enrolled in three courses: ASL-101, PSYCH-101, and MUSIC-101. The belief is that integrating this technology into the learning experience for Crafton Hills College students will help them learn more effectively. Other goals include:

- Increasing Book Availability
- Decreasing Overall Student Expenses
- Enhancing Learning Environment
- Adding Teaching Resources
- Expanding Communications with Students
- Integrating Assessment & Testing
- Advancing Sustainability
- Reducing Digital Divide
- Reducing Busywork for Faculty

Faculty members of the three pilot courses are exploring a general set of questions with regard to incorporating tablets into the CHC classroom.

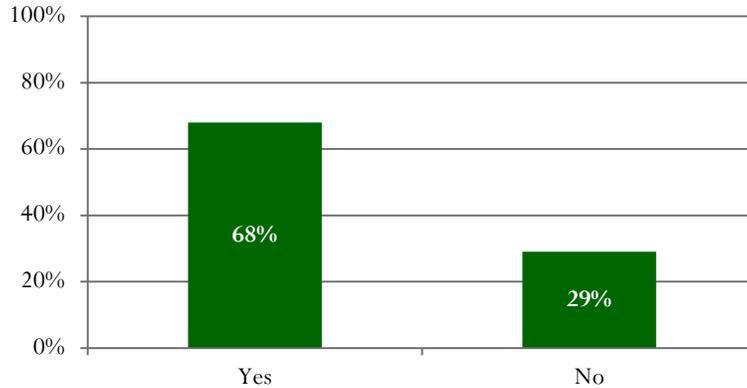
- Teaching: Explore possible ways a tablet can enhance the faculty member's teaching experience.
- Learning: Explore possible ways a tablet can enhance the student's learning experience.
- Sustainability: Explore the possibility of using tablets to sustain a paperless classroom environment.
- Professional Development: Explore professional development and technical support levels needed by faculty in the program.
- Student Support: Explore support levels needed by students in the program.
- Assessment: Assess each pilot course to identify effective tablet strategies.

To fulfill the assessment question, the pilot program faculty, in collaboration with the Office of Institutional Effectiveness, Research, and Planning, developed a ten-question online evaluation instrument utilizing both qualitative and quantitative methods for students to assess the use of tablets in the classroom. This report provides the findings of the student evaluations.

Summary of Results

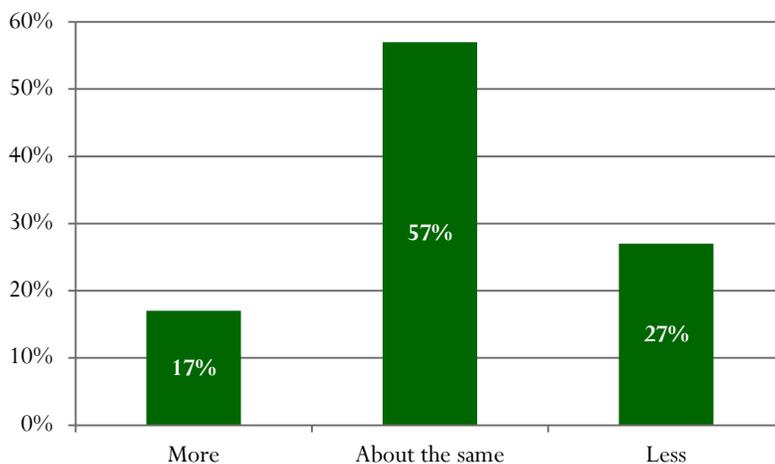
- 68% of respondents recommended that Crafton Hills College continue using mobile devices in the classroom.

Figure 1. Should CHC continue using mobile devices in classrooms?



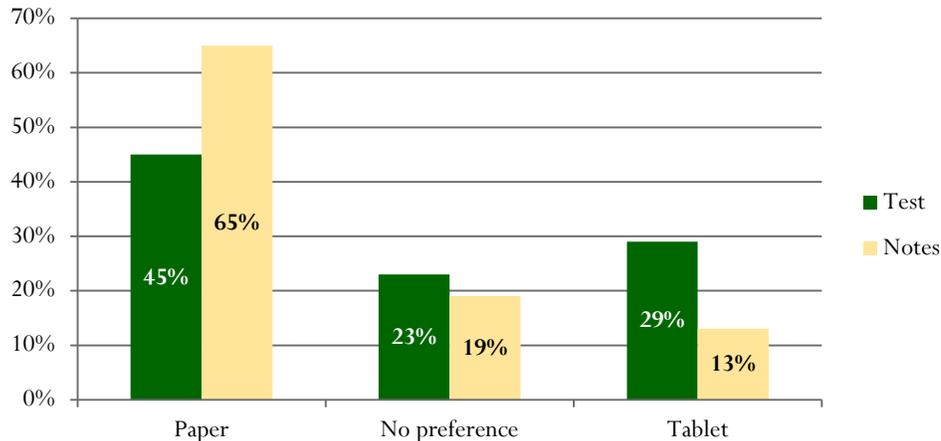
- When asked how using tablets has changed their classroom learning experience, 15 respondents (48%) discussed how they were more engaged in the learning process during class. For example, one respondent described how the **“learning experience [was] more entertaining.”** Another respondent stated that a lecture was **“more engaging and interactive.”**
- Regarding the impact on learning, respondents noted that collaboration with fellow students and their instructor on classwork, homework, and projects was easier. Respondents also noted that Blackboard and the instructor’s lectures and presentations were more accessible.
- When asked to provide their overall thoughts and opinions regarding the tablet initiative, 19 out of 31 respondents (61%) began their statement with the initiative being a positive experience overall.
- 57% of respondents stated they spent about the same amount of time studying with a tablet; 27% of respondents stated they spent less time studying, and 17% of respondents stated they spent more time studying.

Figure 2. How much time did you spend studying?



- 45% of respondents prefer taking a test on paper, and 29% of respondents prefer taking a test on a tablet. 23% didn't have a preference.
- 65% of respondents prefer taking notes on paper, and 13% of respondents prefer taking notes on a tablet. 19% didn't have a preference.

Figure 3. Do you prefer taking a test and writing notes on a tablet or on paper?



- 46% of respondents stated they were unlikely to purchase an e-textbook, and 36% of respondents stated they were likely to purchase an e-textbook.
- Qualities respondents liked about e-textbooks included low prices (76%) and ease of carrying a tablet (52%). Qualities respondents disliked about e-textbooks included the lack of a physical book (66%) and the reading experience (59%).
- When asked about technical problems with their tablets, 8 respondents stated there were no technical issues. 6 respondents stated that the loss of power and/or information was a problem. 5 respondents stated that connectivity to Wi-Fi was a problem.

Implications

A strong majority of respondents support the adoption of mobile devices in the classroom. Strong reservations among respondents exist in technical support and skills. For technical support, Crafton Hills College could consider providing alternate modes of support to students or considering a Bring Your Own Device (BYOD) program. In order to assist students in their skills development, possible solutions range from directed learning activities on the use of tablets to a low-unit, accelerated course linked to tablet initiative sections focused on contextualized use of a tablet in instruction. Moreover, responses suggest respondent's hesitation or strong distaste for either taking tests or notes on a tablet. Additional resources could be applied to address lingering reluctance, such as improving Wi-Fi connectivity. Additional instructional support may be needed to improve typing skills for students to better take notes on a tablet.

Methodology

An online evaluation was collaboratively designed by faculty members, the Office of Instruction, and the Office of Institutional Effectiveness, Research and Planning. The evaluation instrument included ten qualitative and quantitative questions. The first question allowed respondents to select the tablet initiative course in which they were enrolled. Table 1 disaggregates the number of responses by course. In total, 31 responses were received. Seventeen responses (55%) were received from PSYCH-101, 14 responses (45%) were received from ASL-101, and 0 responses were

received from MUSIC-101. **Accordingly, the results of the evaluations are only applicable to ASL and Psychology.**

Table 1. Evaluation responses by course.

Course	#	%
ASL-101	14	45.2
PSYCH-101	17	54.8
MUSIC-101	0	0.0
Total	31	100.0

Note: '#' refers to the number of responses, and '%' refers to the number of responses divided by the total number of responses.

The second question was open-ended and asked respondents to describe how using a tablet has impacted their learning. The third question asked respondents which qualities of e-textbooks respondents liked and disliked and the likelihood they would purchase an e-textbook. The fourth and fifth questions asked respondents whether they preferred taking tests and notes, respectively, on paper or on a tablet. The sixth question asked respondents to scale how the tablet has impacted the amount of time they spend studying. The seventh question asked respondents to describe how classroom instruction had changed as a result of the tablets. The eighth question asked respondents to describe their overall impression of the tablet initiative, and the ninth question asked respondents to report any technical issues they faced using a tablet for learning. Lastly, question ten asked respondents whether Crafton Hills College should continue using mobile devices in the classroom. Additionally, questions 3-6 and 10 were open-ended questions asking for additional input regarding their selections. A hyperlink to the evaluation was provided to students directly by the instructors around October 8, 2014 and ended on October 20, 2014.

Findings

Responses to question 2 are bulleted in the list below. A number of respondents identified positive impacts of using a tablet in their courses. For example, respondents noted that collaboration with fellow students and their instructor on classwork, homework, and projects was easier. Respondents also noted that Blackboard and the instructor's lectures and presentations were more accessible. Respondents in the ASL course highlighted how making video notes was helpful for their specific course of study. Additionally, other respondents stated that having their notes and textbooks organized in a single, lightweight, portable device was beneficial.

Simultaneously, many respondents identified negative impacts of using a tablet. The most commonly referenced problem was technical issues such as accessing the internet/Wi-Fi. A few respondents mentioned that using a tablet made their learning more difficult because the respondent was unfamiliar with using a tablet or using the tablet increased the amount of work.

A few respondents noted that the tablet did not substantially impact or change their learning.

Q2: Please describe how using a tablet has impacted your learning:

- A lot everything is faster and better
- Has made it easier to learn with combined class notes where we as a class can put our input on google docs inside one document. It is easier to go from class to home working on in class assignments and projects. Allowed the class to be more unified with sharing data we have found as students using the device such as programs and sites which make our projects easier.
- hasn't really

- I enjoy using, the tablet in class, however at home, not much has changed since I already own a tablet.
- I like it for the homework not for the tests
- It does help with following my Prof. with the power points but it has its moments where it becomes very annoying where it will not connect to Wi-Fi for a few days.
- It has become harder because it is double the work.
- It has been and positive and negative learning experience for me. I have learned a lot more about using tablets in general, like how save things, how split screen works, as well as many other helpful things. However we were not given any time to familiarize ourselves with the tablet before class assignments were given out. I lost part of my class videos and grades that I had given other students because the hard drive went out and I didn't know how to save them somewhere else in case something was to go wrong with the tablet. I don't like the fact that I can only use the tablet where Wi-Fi is available. I don't have internet at home so I am unable to use the tablet at home.
- It has impacted my learning by allowing me to see PowerPoints with the YouTube videos and it helps me to keep up with Blackboard and my student email.
- It has made it possible to practice ASL as well as turning in homework in a timely manner.
- It has really helped me in all of my studies, not just ASL. I am using it for my online class, as well as using it to check blackboard frequently in my other classes. It also helps me tremendously in ASL with recording my videos.
- It hasn't done much to impact my learning. It does take up less space, which I REALLY like, and it's nice to have all of my notes and the book in one small device, but I lean towards hand-written notes and physical textbooks, even if they break my back. Technology should be used in the classroom, but maybe not like this.
- It helps because I keep all of the things I need for the class in the tablet; my book, notes, and programs.
- It is a pain... We need to watch a DVD for the class, and the tablet don't play DVDs. The tablets should have built in 4g internet access so students can do homework on the go.
- It is great for ASL. Since it is a 3D language. I love that everything is online and we have access to everything all the time.
- it kind of has in some ways not all that much, but it is helpful
- It's a new way of learning
- Its saved time
- Making the videos for this class is a lot easier, and always having access to the internet is nice. but the tablets seem to glitch a lot
- Slowed me down at the start of the semester as I had to get used to the tablet. Once I was used to it, I enjoyed having it for all my classes.
- The tablet has benefited my learning very much. The tablet is easy to carry around school campus and it also caused my note taking to become much easier to do.
- The tablet helps with taking notes because you can video tape yourself making noted
- The tablet is easy to carry around and is useful not just for this class but for all my other classes as well. They are helpful for speeding up the process of taking in-class quizzes, unless of course someone has trouble with their tablet (almost always).
- The tablet is good in the classroom because it was nice to have computer access in the classroom.
- To me, using the tablet provided has been a real nuisance on my ability to learn. The tablets are unreliable and unpredictable when it comes to navigating blackboard or just connecting to the Internet to take an in class quiz.
- Using a Tablet has made it easier to access All my class materials (not just ASL) and do research related to class topics much easier than before. I can check on all my classes anywhere anytime with the tablet and I was unable to do that before. Also the tablet has made filming for the ASL class assignments much easier and stress free (I hated that I had to go to the library fish bowl in the LRC building when I took the class before. I hated it because it was hard to concentrate in there with all the other students some other ASL

students and some not, plus I was kind of bothered by other people seeing me sign when I was still just a beginner...It made me uneasy and a little nervous. Getting to use the tablet to film at home has made ASL that much more fun and my stress level have gone from 10 to 1. I love, love, love the tablet class, I cannot speak for any other tablet classes as ASL is my first and only but I can say in my opinion I think that every ASL class should be a tablet based class in the future I really believe it will help more students be successful.

- Using the tablet has impacted my learning process greatly in a positive way. I've never before had a laptop or portable computer for myself and always had to use the computers on campus that are available to the students so being able to carry my own PC around has made preforming in class easier with taking notes or writing emails or writing essays and not to mention the easy to access online textbooks. Also being that these tablets already carry Microsoft office has been a big plus to the experience.

Table 2 identifies the qualities of e-textbooks which respondents liked. Seventy-six percent of respondents identified the low price of e-textbooks and 52% of respondents identified ease of carrying a tablet as qualities they liked about e-textbooks.

Table 2. Q3a: What are qualities of e-textbooks that you like?

Qualities respondents liked	#	%
Price is usually less	22	75.9
Easier to carry	15	51.7
Available immediately	9	31.0
Multimedia used while reading	8	27.6
Reading experience is better	1	3.4

Table 2a identifies the qualities of e-textbooks which respondents disliked. Nearly 66% of respondents identified the lack of a physical book and 59% of respondents identified the reading experience as qualities they disliked about e-textbooks.

Table 2a. Q3b: What are qualities of e-textbooks that you dislike?

Qualities respondents disliked	#	%
Lack of physical book	19	65.5
Reading experience is worse	17	58.6
Difficult to study	13	44.8
Computer or tablet reader needed	8	27.6
Difficult to keep up in class	5	17.2

Responses to question 3c are bulleted in the list below. Two respondents identified technical issues with using e-textbooks through tablets: poor battery life and Wi-Fi connectivity. Two other respondents mentioned functionality as things they liked and disliked about e-textbooks. Specifically, one respondent liked being able to search and find text, and the second respondent stated highlighting and taking notes was difficult.

Q3c: What are other qualities of e-textbooks that you like or dislike that are not listed above?

- Battery dies when on the go
- Being able to search for words in e-books is nice.
- I have never used e-textbooks
- It is on many devices but not easy to highlight or take notes
- THAT IT DOES NOT CONNECT TO WIFI FOR DAYS AT A TIME!

Table 3 and Figure 4 illustrate the likelihood of respondents purchasing an e-textbook. Nearly 36% of respondents stated they were likely to purchase an e-textbook, and 46% of respondents stated they were unlikely to purchase an e-textbook. Nineteen percent stated they were just as likely to purchase an e-textbook as they were to purchase a physical textbook.

Table 3. Q3d: If you had a tablet, how likely is it that you would choose to purchase an e-textbook instead of a traditional textbook?

Response	#	%
Very Likely	1	3.2
Somewhat Likely	10	32.3
Just As Likely	6	19.4
Somewhat Unlikely	11	35.5
Very Unlikely	3	9.7
Total	31	100.0

Figure 4: Responses to likelihood of purchasing e-textbook instead of traditional textbook.

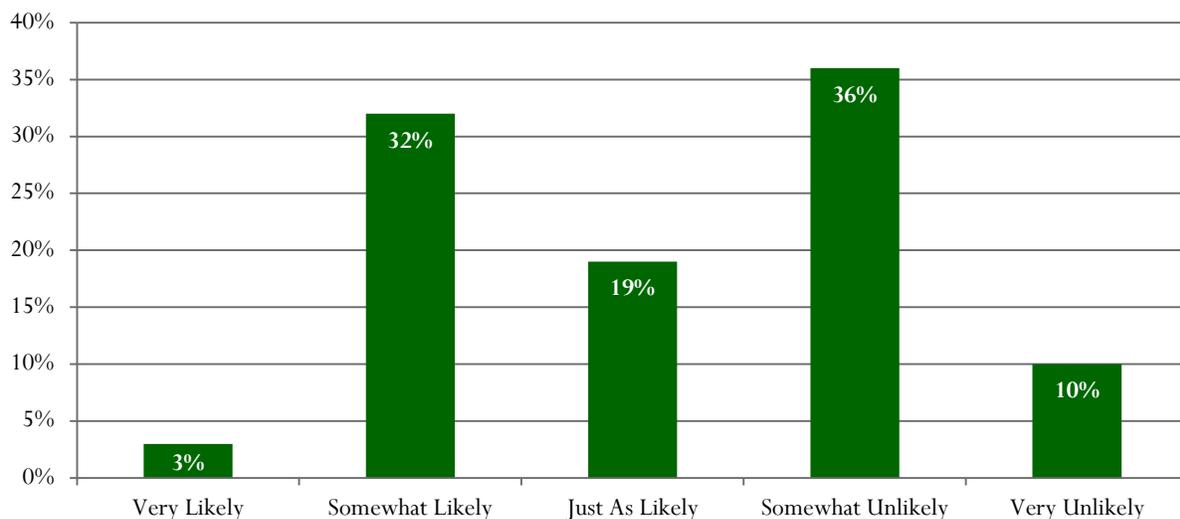


Table 4 illustrates respondents' preference for taking tests on tablet or on paper. Twenty-nine percent of respondents prefer taking a test on a tablet, and 45% of respondents prefer taking a test on paper. Twenty-three percent didn't have a preference.

Table 4. Q4: Do you prefer taking tests on a tablet or on paper?

Response	#	%
I prefer taking tests on a tablet	9	29.0
I don't have a preference	7	22.6
I prefer taking tests on paper	14	45.2
I haven't taken tests on a tablet	1	3.2
Total	31	100.0

Responses to question 4c are bulleted in the list below. When asked to describe their preference, respondents who preferred paper tests overwhelmingly mentioned apprehension regarding instability of technology. Respondents who preferred tests on a tablet liked the immediacy of feedback they received on their tests.

Q4a: Please describe why:

- Because it's easier. You don't have to worry about if you are on the right page or if you are entering your answers in the right place or on the right screen. I use MyMath lab right now and I would rather go old school and do homework out of the book. Computers are unpredictable.
- both are easy
- Either or works for me. A test is a test but it is nice to take it on the tablet and not have to buy Scantrons.
- I can change my answer, double check answers, and go back as needed.
- I concentrate better
- I feel rushed on a tablet or like something is going to go wrong
- I'm pretty old-school-- I prefer taking a paper-and-pencil test.
- Immediate response
- It is easier to write down my thoughts on paper than type them. I find it more efficient for me.
- it is easier to write on paper
- It is not so bad for Psych but would really dislike taking a math exam on a tablet.
- It submits instantly and we don't have to worry about other supplies.
- Makes it easier, also I like that you get your results faster.
- n/a
- Since it is an unusual method I get less stressed taking tests
- The ease of not having to carry a pen at all times and easy to access then having to wait for the paper to come to you and handing it back. It's just simply easier.
- the tablets do not come with anti-virus protection and for any little thing pop ups come up like crazy, I cannot do my test in class, I have to wait a while at times in order to take it, other people in my class go through the same thing
- Using the tablet lets you get your test results back faster
- We are able to see results right away and go over wrong answers.
- When I take it on a tablet I worry about the laptop losing power, shutting off for no reason, or installing random updates. The tablet brings some unnecessary distractions.
- Whenever I take an exam online there is always a timer and I end read the questions quickly.
- You get the results quicker.
- You have the insurance that you actually handed your Prof. the paper and know that it is going to be graded rather than a guessing game of if it was turned in through the tablet.

Table 5 illustrates respondents' preference for taking notes on tablet or on paper. Thirteen percent of respondents prefer taking notes on a tablet, and 65% of respondents prefer taking notes on paper. Nineteen percent didn't have a preference.

Table 5. Q5: Do you prefer taking notes on a tablet or on paper?

Response	#	%
I prefer taking notes on a tablet	4	12.9
I don't have a preference	6	19.4
I prefer taking notes on paper	20	64.5
I haven't taken notes on a tablet	1	3.2
Total	31	100.0

Responses to question 5a are bulleted in the list below. When asked to describe their preference, respondents who preferred paper notes overwhelmingly identified a lack of proficiency in typing skills. A second reason was improved cognition in handwritten notes. Respondents stated that organized and searchable notes were the reason for preferring notes on a tablet.

Q5a: Please describe why:

- Easier to organize and they are all in one place.
- Easy to manage
- I am more likely to pay closer attention to my own handwriting than typed notes. I feel like I can properly take my own notes and make correct highlighting and what is important.
- I am not a very fast with a keyboard so I would miss many important things if I tried to take notes on a Tablet or any other device other than paper and pencil.
- I can write faster THAN I CAN TYPE
- I can write much faster and I can go back and fill in what I missed I don't have to worry about charging it and it crashing.
- I can write on paper faster than I can type on a tablet.
- I find it easier to keep pace with the Prof. if I write it all out.
- I learn the things better and faster if I write them on paper.
- I like how easy it is to take notes on the tablet, but I find myself referring more to my handwritten notes than the ones I take on the tablet.
- I prefer taking notes on paper because I can write faster and show pictures as needed.
- I really don't mind with either.
- I'm just more use to taking notes with paper
- I'm not very good at typing and I feel like I remember more when I write
- It is easier for me to organize my thoughts on paper so I can write on the margins and other things of that nature.
- It's better than my handwriting
- It's easier for me to remember when writing things down.
- just because it's easier for me to write while she is talking rather than type
- Taking notes on the tablet is just simply easy and looks nice and clean and saves neatly in your files compared to my real notebook where I can barely read what i wrote in the past.
- The keyboard is smaller than the standard keyboard so there are more errors than with a regular laptop. It is easier to take notes on paper but easier to locate them on the tablet (assuming it was save correctly).
- Using OneNote to take notes allows me to see my notes across all my devices as well as incorporate photos, diagrams etc.
- When I write something down it helps me to remember it. When I type it I don't experience the same effect.
- Writing faster to keep up with lecture and I can draw my own diagrams

Table 6 illustrates the impact using a tablet has had on the amount of time respondents have spent studying. Seventeen percent of respondents stated they spent more time studying, and 27% of respondents stated they spent less time studying. Nearly 57% of respondents stated they spent about the same amount of time studying.

Table 6. Q6: With a tablet, do you spend more or less time studying?

Response	#	%
I spend more time studying	5	16.7
I spend about the same amount of time studying	17	56.7
I spend less time studying	8	26.7
Total	30	100.0

Responses to question 6a are bulleted in the list below. When asked to describe how the tablet has impacted their studying, 13 respondents stated the tablet positively impacted studying. Respondents noted that they were able to access materials easier, utilize multiple screens, and organize class notes. Seven respondents stated that the tablet had little to no impact. Six responses stated the tablet negatively impacted studying with reasons mostly including difficulty in using features of the tablet.

Q6a: Please describe how the tablet has impacted your studying:

- Declined, because I like to highlight as I read. That may be available on the tablet but no one showed me how to do that...
- During my class lectures, I was able to snap photos of the material. The great quality camera options in the tablet prevented missing any important information that was rapidly rushed through during class.
- Easier access to the class materials.
- I cannot really study on my tablet because it is an ASL class and requires hands on studying
- I honestly do not use the tablet provided to study with. I use my home computer.
- I spend more time studying because typing notes does not aid my memory like writing notes does.
- I spend more time studying, printing out the papers and making my notes.
- I study by viewing online PowerPoints or notes provided by my professors, so having an ease to access these via tablet works well.
- I will have both my textbook open in internet explorer and my one note open for notes to take seamless notes which combine with my class notes and making it easier to study sections versus searching through numerous papers and handouts they are all in one place.
- It has helped a lot in my ASL class, but not in any other class.
- It has improved the way I study by allowing me to have two screens up at once.
- It has not helped me study at all.
- It hasn't. I do not use the tablet when I study.
- It hasn't- If anything, I study less because it's more difficult to have multiple pages set up and to keep flipping back and forth from the book to my notes to a website with tips, etc.
- It is easier for me to study in places outside my home.
- It is faster to work in this class because we use the computer a lot
- It makes getting power points in one place easier
- It's harder to study because I spend more time getting to what I need to study. And not having Wi-Fi when I need it.
- it's harder to read stuff online, than on a normal book
- More active with being online and getting assignment and test done

- Not much I still study through a text book
- saved time
- sometimes it makes it harder to study because I have to spend time learning how the tablet works
- the only thing I like is that I can open up notes but that's about it
- The Tablet makes it easier for me to study having access to the internet quickly for if I have questions on anything I can look it up and find answers.
- The websites and Games help me a lot!

Responses to question 7 are bulleted in the list below. When asked how using tablets has changed their classroom learning experience, fifteen respondents discussed how they were more engaged in the learning process during class. For example, one respondent described how the "learning experience [was] more entertaining." Another respondent stated that a lecture was "more engaging and interactive." Other students noted that the use of PowerPoint presentations was pervasive.

Q7: Using tablets in the classroom allows professors to change how course material is presented to students. Please share your thoughts on how using tablets has changed your classroom learning experience in relation to other traditional lecture courses.

- Ability to have lecture in front of me is nice.
- Allows you to keep up with email communication, assignment changes given in class and studying more
- clearer to understand
- Easier to keep track of lecture.
- For psych, it has helped in class because it helps us to interact with the professor more.
- I can look at the PowerPoints on my tablet and keep up with my Prof. also if I forgot something during the class I can look back at the Power Points.
- I enjoy how class discussion is more unified and more interaction is done.
- I feel like it has slowed down the learning experience. Takes too much time for everyone to be on the same page and we barely use the tablet for anything useful.
- I like it a lot better because teachers can change lectures and upload them instantly for us
- I like not having a lot of papers to carry and it helps me to not lose any.
- In Psych 101, we learn a lot about data entry for experiments. With the tablets, we are able to follow step by step with the professor during the lessons. This makes the lecture more engaging and interactive than it would be if we were just watching him and taking notes.
- It becomes more of a power point class then lect.
- it has been the same
- It has made the experience much more difficult because of the unreliability of the tablets.
- it hasn't my teacher uses PowerPoint just like the rest of them
- It's more hands on, I'm able to practice while he is teaching, such as using excel!
- it's the same
- Material is presented quicker. Less clutter of paper and everything is a lot more organized.
- More interaction.
- Only in my ASL class is this helpful because I am able to record myself learning the vocabulary in class so it is easier to remember the signs. This class is all visual learning so it helps to be able to record yourself in the classroom.
- Since it is hard to take notes in ASL it has helped significantly. Following along directly off

of the PowerPoint is super useful.

- Tablets are great for quizzes and exams. Most quizzes I did using the tablet were great because I was informed about my test/quiz results right after I submitted my answers.
- The tablet makes in class learning experience more entertaining
- Using the tablets strictly in class has become a new experience for me but I do enjoy it and it keeps my area cleaner whereas i usually have tons of paper everywhere because I am honestly not the most organized person around.
- We all can literally be on the same page (the professor shows a slide on a PowerPoint, and we can pull it up on our tablet), but that's it.
- We can see what we are working on as a class in real time on the projector using google docs and our tests are graded immediately allowing us for quicker understanding.
- We have been working along with the teacher at the same time in the classroom

Responses to question 8 are bulleted in the list below. When asked to provide their overall thoughts and opinions regarding the tablet initiative, 19 respondents began their statement with the initiative being a positive experience overall. Many respondents followed up their initial praise with different concerns—mostly regarding technical issues with the tablets. One respondent noted that they do not have access to Wi-Fi at home which rendered the tablet useless. A few respondents expressed doubt on whether the tablets would be useful in other courses.

Q8: We are interested in knowing your overall thoughts and opinions about the tablet initiative. How is this initiative going for you? Tell us what is going well and what may not be going well.

- Already summed up most of this [earlier in the survey]. Overall it is going great and I love it.
- Being able to use it for other classes is good. But not being able to use tablet at home because I don't have internet not good.
- For sign language class it is helpful just because we have access to a video camera, which we always need for this type of class.
- I am enjoying the tablet initiative. All is well.
- I believe the tablet has made many tasks simpler and I greatly wish I could use the tablet in all my classes. Just saving at least \$50-100 on each book is easily worth it.
- I enjoy the tablet for sign language I don't think it will be okay with other classes
- I enjoy the tablets, though there are a few technical problems with them that are annoying such as the constant pop up of antivirus software.
- I just do not like how there is no carrying case for it and if it isn't charged by any chance there are not enough outlets
- I like having access to a tablet, but there are good and bad sides. The good is I am able to have easy access to the internet and have some e-books with me. I also like to have it for my writing assignment and I can type documents with Microsoft Office for free and not have to buy the program. The bad is I get distracted easily and want to do other things besides my school work.
- I like it, but I do not enjoy being responsible for school property.
- I like the idea of using only the tablets for class. It hasn't been too bad for me personally because I have other means of studying and doing homework outside of class.
- I like the tablets, but there are some glitches with them such as freezing, virus protection.
- I love everything about it. Mostly how we take tests.
- I love the tablet program. I have had no problems with my tablet, and I utilize it every day.
- I love using the tablet! The only thing that was hard was learning a new system, especially since at home I have an apple laptop.
- I'm unimpressed. I don't know if it's changing my learning style or how I operate, but I do

- appreciate the fact that I have one piece of equipment I can take to class- the tablet.
- It is going ok, not a huge difference either way, however, I do miss the actual textbook. On the other hand the price of the e-book is extremely affordable (\$30 +/-)
- It saved me stress from buying a new computer and saving my money for nicer computer. The tablet should have built in internet because twice my tablet has stopped connecting to Wi-Fi for days at a time and it has become very inconvenient.
- It's convenient for other class assignments that are necessary for online but until I had problems I hardly ever use it now. Being a non-technical person I feel having someone on campus help me with tablet would've been nice.
- It's going okay, but I won't be taking a tablet class again if I have a choice.
- It's great
- So far it is mostly positive.
- So far it's going alright I still use traditional ways to study the only problem I have with it is that it will not allow me to open up any of the power points through blackboard
- The initiative is going well. The tablet allows me to keep all my school work organized.
- The only thing I do not like is that is too small and I do not been able how to manage it
- The tablet initiative is going well for me, and I do enjoy it and do wish to see more of it in the future cause it makes class so much easier
- The tablet made my life easier. I have access to a laptop at home, but other relatives were also in need of it for their work, so the tablet helped me get my school work and studying done much quicker. The tablet is very reliable.
- Well for starters if this program was set in motion the school needs to have an actual tech service center, because the tutoring center does not cut it. Also if more money were invested in this program maybe some higher quality equipment could be used and wouldn't break constantly. The tablet helped in my ASL class but I could not see myself using it in another class.

Responses to question 9 are bulleted in the list below. When asked about technical problems with their tablets, eight respondents stated there were no technical issues. Six respondents stated that the loss of power and/or information was a problem. Five respondents stated that connectivity to Wi-Fi was a problem. Four respondents stated that each of the following was a problem: viruses, pop-ups, and touch screen issues. The responses that described any issues have been included below, and responses stating there were no technical issues have been excluded.

Q9: What kinds of technical problems have you had (if any) related to the use of your tablet?

- Connecting to the Internet has been an issue as well as sometime the tablet doesn't power on even though it's fully charged. I think that it would be worth it to invest in better quality tablets.
- Downloading errors from the in class power points
- I have had an issue with a small virus which caused me to uninstall much of my system and re-install it all back.
- I haven't had any technical problems, but I do wish there had been instruction on operating the tablets when we received them. It was difficult to operate for the first few weeks.
- I keep getting pop ups
- Internet problems, professor not receiving assignments emailed to him. Was only showed how to turn it on. More training before use is a must.
- It turns off by itself. Sometimes it doesn't want to work.
- it wouldn't connect to the internet
- Just viruses. Need an effective, PRE-INSTALLED anti-virus.
- lots of them it tells me that i need to talk to tech support and there is no anti-virus

- protection, i have several pop ups it and at time sit shuts off on me for no reason
- Minor problems like the touch screen not functioning properly.
- My hard drive went out and I lost some important data for class. However the guys in the tech center were very helpful.
- my tablet completely shut down on me and i lost everything, it freezes a lot
- One major one I have is it always disconnects from the Wi-Fi out of nowhere. It doesn't happen every day but it does occur every week or so. One other problem I had was when it wasn't connecting to the Wi-Fi and I shut it off and turned it back on, it erased Microsoft Office from the tablet. I didn't know what happened and I couldn't open my documents I had to submit later in the week. I did go in to the Tech support and they were able to fix the problem.
- popups
- The charger would sometimes trick me about charging the tablet. Also, the brightness options on the tablet are extremely low.
- The tablet should have built in internet because twice my tablet has stopped connecting to Wi-Fi for days at a time and it has become very inconvenient.
- Updates are installed all the time. Randomly the touch screen won't work. The screen shuts off for a second and then comes back.
- Virus, pop-up, expired protection plan

Table 7 illustrates respondents' recommendations on continuing the tablet initiative. Sixty-eight percent of respondents recommended that Crafton Hills College continue using mobile devices in the classroom.

Table 7. Q10: Do you recommend Crafton Hills College continue moving forward with the use of mobile devices (like tablets) in the classroom?

Recommendation	#	%
Yes	21	67.7
No	9	29.0
Response left blank	1	3.2
Total	31	100.0

Responses to question 10a are bulleted in the list below. When asked to explain their recommendation, one respondent contended that the tablet initiative aligns with both expectations in future careers and changing learning modalities in elementary schools. Many other respondents related that the experience was overall positive with a need for minor improvements. Recommended improvements included providing dedicated technology support, training on tablet use, and better Wi-Fi connectivity. Three respondents requested that use of a tablet be made optional, and two respondents postulated a tablet may pose a barrier to access for low-income students.

Q10a: Why or why not?

- \$COST\$ to students.
- But not every class and I think the student should be given a choice whether to use their own tablet or the one the school provides.
- Does make it easier to follow the lessons/lectures in class and also having the material on your tablet at home so it's easier to look things up.
- I believe that most jobs are using technology and even some elementary schools have already been integrated with devices so to keep up with the times I believe technology in the classroom is important

- I hope they will give the students a choice to use one or not. It should not be forced upon us
- I say yea because it's a great way to learn but they need to fix the errors that I stated
- I think it is too much of a hassle but I am not sure if my opinion counts as a student because I hear that the program will still go on regardless, but I think they should think of the students in how they do not have the money to buy these equipment's and at times people do not even have internet in their own home and this runs on Wi-Fi. but over all, it can be useful but not as much it is too much responsibility and some stuff has been easier but not a lot because the book has to be online and online books are not the same you can't highlight the same or add sticky notes or if anything you can't flip back to the page you have to type it or wait for it to open up and then search for the page. I appreciate the concern in us as students going tech now but I am not sure what to think about the whole tablet idea. Thank You!
- I think it should be optional. The use of technological devices in the classroom is great for easy note-taking, but it encourages students to also use the tablet for social media or other activities online. Also, studies show that students taking hand-written notes have a higher retention rates than typing notes.
- I think that ultimately the tablets open up more opportunities for students that may not be able to afford them on their own. I think they can be proven useful once the kinks have been worked out.
- It has definitely improved my classroom experience this semester!
- It makes for a more engaging and interactive classroom experience.
- It makes the process of tests or note taking so much easier, faster, cleaner, and more organized.
- It's convenient
- Only if more training will be available and if the school insures it. Being on pins and needles, worried about it all day is a huge stress. I don't like that you have to contact Dell for all problems!
- Overall it was helpful to have a smaller computer to bring to school.
- Regardless of having to learn a new system the experience has been great!
- Some classes it would help in such as ASL but other classes like math I would not be able to handle that
- They aid in interaction and make class interesting.
- They make more sense
- Yes I do but only for certain classes like Math and ASL because most math Professors seem to use my math lab and some people don't have a computer and have to stay at school but if they had a tablet they could go many places that have free Wi-Fi. As for ASL it would be beneficial because of the camera on the tablet and all the different apps that can be downloaded to help students learn like one note for example I have used that to take some notes and it was quick and easy...
- Yes only if they had techs available on campus to fix any problems
- You can't do homework on the go. You are stuck doing all homework at an internet source.