Bakersfield College

Technology (ISIT) Request 2023-2024 Cycle

3-Year Comprehensive CTE Instructional Program Review 2023-24

This section has no content

3-Year Comprhensive Instructional Program Review 2023-24

This section has no content

CTE Instructional Annual Update 2023-24

This section has no content

Instructional Annual Update 2023-24

This section has no content

Non-instructional & Hybrid Annual Update 2023-24

This section has no content

AB540

Technology (ISIT) Request 2023-2024 Cycle

AB540 Cal Soap FKCE Non-instructional & Hybrid Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

AB540, Undocumented and Native American students

1. Digital signage in the CSS building to direct students to program services. In Addition this will assist all student service programs in the CSS building.
2. Smart TV on a mobile cart with a large screen to host workshops in the south lobby of the CSS building.
3. Purchase of a digital camera to document student activities and posting on social media platforms will assist students with feeling a sense of belonging and
   will result in increased retention and persistence.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

AB540, Undocumented and Native American students

1. Digital signage - Students currently wander around trying to find their appropriate programs.
2. Smart TV on a mobile cart with a large screen: Available space at Bakersfield College is limited. We need to schedule routine workshops to support more students throughout the academic year.
3. Digital Camera - Students will feel a sense of belonging and therefore result in increased retention and persistence.

What are the consequences of not fulfilling this technology request?

AB540, Undocumented and Native American students

1. Digital signage: Students will continue to be lost looking for their appropriate programs. This does not reflect well on welcoming students.
2. Smart TV on a mobile cart with a large screen: We will not be able to provide program services to all of our students on a regular basis because other spaces on campus are not always available.
3. Students will feel isolated and therefore result in decreased retention and persistence.

Is there anything else you'd like the committee to consider?

Undocumented

Undocumented students live in fear of deportation so they do not seek support. They are challenging to reach and serve therefore need additional guidance and resources throughout the year in a space with supportive services, adequate equipment, where they feel safe.

AB540, Undocumented and Native American students

Borrowing a camera from other departments is not ideal because they are not always available.

Academic Affairs

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Associate Dean Knabe

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Cordova

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Gard

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Howell

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Jett

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Larkin

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Marquez

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction McCrow

This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Mourtzanos

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

> Please refer to program-specific ISIT requests, but I would like to emphasize BCSW's ISIT request for hub printers for faculty. use, as well as the installation of hub printers/copiers available for student use.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

> This question has not been answered yet

What are the consequences of not fulfilling this technology request?

> Not installing the hub printers decreases access to equitable student resources (compared to Panorama campus), limiting their ability to print/copy assignments to submit. Additionally, faculty and staff have decreased ability to print documents as needed.

Is there anything else you'd like the committee to consider?

> This question has not been answered yet

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Waller

> This section has no content

Non-instructional & Hybrid Annual Update 2023-24 Dean of Instruction Wilmot

> This section has no content

Academic Support Programs

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Academic Support Services

This section has no content

Academic Technology-Non Academic

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Academic Technology

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The Academic Technology department needs the following technologies to meet program objectives:
- Video editing software (3 to 4 licenses)
- Ticketing system for technology support requests
- Two iMacs
- Six iPads
- 1 external hard drive (at least 2 TB to store raw multimedia files)

These technologies will help us to meet program objectives by ensuring we are able to provide high-quality service to our colleagues on campus through just-in-time resources, fast response times, high-quality design, and mobile-friendly course design.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Two iMacs
The Academic Technology team is frequently tasked with creating multimedia resources which exceed the limits of the computers currently being used for such purposes. The two iMacs would foster the ease and timeliness of creating these resources.

Video Editing Software
The Academic Technology team provides a wide range of instructional videos. These videos are used by faculty, staff, and students to address just-in-time learning needs. Video editing software would facilitate capturing the video, editing the video and creating accurate captions for accessibility.

Six iPads
The AT team would use iPads to:

- Create instructional content
- Ensure that course content is mobile-friendly
- Demonstrate the use of tablet devices as instructional/presentation tools
- Research and demonstrate various subject-oriented apps (including OER resources), instructor-oriented apps, and Accessibility apps
- Collaborate with faculty and staff and the AT team
- Improve general productivity

Ticketing System
Currently, when faculty, staff and students request assistance from the AT team, the requests come in through several streams: Help Desk tickets, emails to individual AT team members, FormStack submissions, and LibAnswer submissions. From August 1, 2023 to the beginning of October 2023, the AT team received over 500 requests for assistance. We need a robust ticketing system that will aid the team in efficiently addressing the requests in a timely manner while empowering the team with tracking and reporting functionality.

External Hard Drive
The AT team accumulates a substantial amount of multimedia files. We would like to have an external hard drive to serve as a backup for these files and to also facilitate transferring large files.

What are the consequences of not fulfilling this technology request?

The technology resources requested for the Academic Technology department would support the efficiency and the effectiveness of the team to better meet the needs of the faculty, staff, and students.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Non-instructional & Hybrid Annual Update 2023-24 Professional Development

This section has no content

Administration of Justice

Technology (ISIT) Request 2023-2024 Cycle

Administration of Justice Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes: Criminal Justice instructors now have access to the newly installed technology in the Language Arts building. This includes the document camera as well as multiple large video screens. Students are now able to easily view documents and images. Prior to the new technology, students not sitting in the front rows had great difficulty accessing this material.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

This question has not been answered yet

What are the consequences of not fulfilling this technology request?

This question has not been answered yet

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Agricultural Business

Technology (ISIT) Request 2023-2024 Cycle

Ag Business CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet

objectives.

Updated computer workstations in Agriculture Business faculty offices.
The teacher workstations in the ag business offices do not have the capacity to run the latest version of Office. The instructors of the courses utilizing Microsoft office do not have the version of the software on their computer that is being required in the class. That is why the course is being taught and controlled through the instructors personal computers. But even that is not a perfect scenario as the Macintosh version of offices does not have all the functionality of the Windows version.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Upgraded computers in the faculty offices ofr Ag Business Faculty. Ones that can run the newest versions of software such as Microsoft Office.

What are the consequences of not fulfilling this technology request?

The programs utilized require teachers to use their own personal computers. This is unacceptable and needs to be addressed.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

American Sign Language

Technology (ISIT) Request 2023-2024 Cycle

American Sign Language Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

In our courses, in addition to specialized furniture, we use computers, projectors, and document cameras to broadcast videos and use Canvas, to view slide decks, and to view textbooks.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. 12 PCs to offer students an opportunity to view videos and to record themselves interpreting sign-to-voice and voice-to-sign scenarios.
2. 12 computer workstations: tables, chairs, and privacy dividers.
3. 4 video stations, including:

- tripods
- studio lighting
- plain backdrops

This request is to fulfill our goal of establishing a language lab for ASL and interpreting students to practice their skills and to complete major assignments involving filming themselves.

What are the consequences of not fulfilling this technology request?

Students will continue to produce videos at home, the majority of which don't meet assignment parameters through no fault of the student. For example, no plain background available, noisy environment, or insufficient lighting. Students with the aforementioned resources score well and a majority of students who do not, score poorly. In this instance, we are perpetuating the digital divide.

Is there anything else you'd like the committee to consider?

In a past program review, we requested a lab and were granted one. Our request was voted the number one priority by the ISIT committee. We did not realize that we were to have secured a space to house the lab. This request includes an established space, LA111, which the ASL Program will inherit from Behavioral Sciences. We hope the committee will give us serious consideration to establish a long-overdue ASL Language Lab. We are one of the few community colleges offering ASL that don't have a language lab, which is considered essential for language acquisition within a two-year time frame.

Animal Science

Technology (ISIT) Request 2023-2024 Cycle

Animal Science CTE Instructional Annual Update 2023-24

This section has no content

Anthropology

Technology (ISIT) Request 2023-2024 Cycle

Anthropology Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No, the technology we currently use does not meet objectives. We would like to request projectors with built in speakers for the anthropology professors. RSP classes in the prison environment are cramped and have few outlets leading to safety issues with cable management etc. This would streamline the need for plugging in so many devices, reducing cables, and thereby increasing safety. Additionally, these projectors could be used for giving talks at community events as they are small and portable.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Projector/Speaker Combo that is compact such as this

What are the consequences of not fulfilling this technology request?

Professors will continue to be faced with a mixture of technology issues in classrooms that are already technologically underprepared. Additionally valuable class time for the students is lost due to the extensive set-up required of the current mosaic of technology.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Apprenticeship

Technology (ISIT) Request 2023-2024 Cycle

Apprencticeship CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

N/A

What are the consequences of not fulfilling this technology request?

N/A

Is there anything else you'd like the committee to consider?

N/A

Architecture

Technology (ISIT) Request 2023-2024 Cycle

Architecture CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

What are the consequences of not fulfilling this technology request?

This question has not been answered yet

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Art

Technology (ISIT) Request 2023-2024 Cycle

Art/Studio Art/Media Arts/Graphic Design/Photography 3-Year Comprhensive Instructional Program Review 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet

objectives.

Yes:
FA 8 and FA 10 computer labs were updated a couple of years ago with new computers. FA9 and FA10 both have new scanners replacing tech that was 17+ years old. (purchased with department funds)

No:
Most of the classrooms in the department need updated technology to keep up with modern pedagogical practices. In all classes instructors extensively make use of technology including projecting images. FA8, 20, 23, 28 and 30 all need updates to the projection equipment to enhance students experiences in the classroom. We have carts in several of the rooms, but they are outdated and cobbled together from equipment no longer in use in other places. Of special concern here is the nature of the subject that we teach. Art classes need high quality projectors, screens or displays. A colleague recently mentioned touring the writing lab on campus and being jealous of the display technology they have. For each of the classrooms listed this equipment would drastically improve the day to day experience that students have in the classroom.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

FA 20, 23, 28 Ceramics Lab, 2D/3D Lab and Painting and Drawing Studio (1000+ students utilize these classrooms per year)
Update AV equipment in 20, 23 and 28 with ceiling mounted projectors and larger screens. Hardwired to internet. Or potentially with multiple large LED displays.
The current setup is an iMac and projector on a rolling cart. Not only is this a hazard with wires running across the front of the class, but this is not equitable to students with poor vision. The projector can only be pushed back to a certain point because of the limited physical space. The solution would be a projector mounted to the ceiling, wires running through the walls, and a stationary space for the computer.
We have had initial conversations about completing this work but want to keep it in program review until completed.
Estimated cost-$5000 to $10,000 per room

FA 09 Digital Art Computer Lab (Art B16, B20, B24, B25, B40, B41, B42, B43 - 225+ students per year)
Needs to be upgraded with new computers to match FA8 and FA10. Preferably with 27 inch iMac computers as in FA8. The computers are struggling with the basic Adobe Creative Cloud applications that we use daily.
$80-$100K

FA 28 & 23
New iMac Computer

   1. Rationale: The current Apple computer is very old. Several programs are not able to be supported on the device. This includes zoom and the latest powerpoint programs. An updated computer would improve the educational content and delivery
   2. Impact. An improved computer in FA would positively impact the delivery and instruction to approximately 240 students in FA 28 and 200 art students in FA 23 each semester (880 per year).

Classes impacted: Art B2, Art B3, Art B4, Art B6, Art B7, Art B8,
   3. Estimated cost: $1,299 each x 2 = $2,600
Document Camera For FA 23

   1. Rationale: The current document camera is a small zoom camera which warps images. This is ineffective for use in art where proportion and shapes are important. A proper document camera would improve instruction by improving the students' visibility of demonstrations and student exemplars
   2. Impact: A new document camera would positively impact instruction of approximately 200-240 students per semester; 400-440 students per year in ArtB4, Art B2, and Art B5
   3. Estimated Cost: $250
FA8 Digital Lab for Media Arts (Art B26, B43, B44, B45, also used by journalism 200+ students per year)
Replace TV with projector to mirror those in FA9 and FA10. The current TV is old and cannot be viewed from the back of class. A projector would allow all student visual access to lectures and instructional material. Alternately, we could place multiple displays in the room so that students have options when viewing the presentations. We have also experimented with screen sharing technology since students are sitting in front of high quality displays, the software is inconsistent and also prevents students from being able to follow along with a lesson or demonstration.
We have had initial conversations about completing this work but want to keep it in program review until completed.
Estimated cost $10,000

FA 30 Large Lecture Hall shared with Performing Arts and other departments as space is available. Well over 1000 students a year come through this classroom. It can also
serve the college with public facing events.
The projector in FA30 is functional for teaching visual art courses but does not provide a high-quality image. We have worked with IT to identify potential projectors and this is slated to be completed soon. We are keeping it here since the work has not yet been started. Potential cost estimate: $2,000-$10,000

What are the consequences of not fulfilling this technology request?

For students in all of our classes not having idea projection compromises their learning. In visual art being able to properly see the images is crucial to their success. As we are back in person and we continue to see growth in the department class sizes increase which makes it even more critical to have proper projection equipment.
For our CTE classes in the computer labs we need to stay current with technology to provide the best education for our students.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

ASL Interpreter Training

Technology (ISIT) Request 2023-2024 Cycle

ASL Interpreter Training Instructional Annual Update 2023-24

This section has no content

Automotive Technology

Technology (ISIT) Request 2023-2024 Cycle

Automotive Technology CTE 3-Year Comprehensive Instructional Program Review 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

By meeting this request, we will be able to make our PowerPoints as required for our courses in the hybrid format, work with business partners on videos for training and bring institutional awareness to our industry and community in ways we have not been able to do in the past.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Last year we were given a camera and tripod to use. The request for for a DSLR camera and lense but instead we got a video camera. To date we are unable to use the camera and tri-pod. there are no operation manuals and or memory cards available with the camera to make it usable. The lapel mics provided are defective and do not even turn on nor does the battery's for them charge. This information was emailed to the appropriate people and it was ignored, so we now have supposedly brand-new defective equipment that has never been used in over a year. Additionally, the camera did not meet the specification given in the request for the technology upgrade. We are requesting a High Quality DSLR camera that can be used to shoot both videos and take pictures that will be of high resolution to use in our lecture and powerpoint. At very minimum we are asking for the current equipment given to work, replacing the defective equipment that has never been operational or used, provide the operation manual and tools to make the camera given to us work.

What are the consequences of not fulfilling this technology request?

We still can not meet with our industry partners to make and build training videos, We cannot make our own training videos, and we have an expensive camera that was purchased that is 100% unusable because it never worked out of the box.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Bakersfield College Southwest Campus

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Bakersfield College Southwest Campus

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

This question has not been answered yet

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

This question has not been answered yet

What are the consequences of not fulfilling this technology request?

This question has not been answered yet

Is there anything else you'd like the committee to consider?

This question has not been answered yet

BC President's Office

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 BC President's Office

This section has no content

Biology

Technology (ISIT) Request 2023-2024 Cycle

Biology Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Twenty-Four Chromebooks

- Current laboratory inquiry and research projects requires the collaboration and acquisition of data. This the assistance of technology essential to collection and analysis of data in all three BIOL pathways: BIOL-AST, Environmental Science AS-T and Health Sciences AS.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

The Biology Department requests a set of 12 laptops and 12 Chromebooks in a cart (we currently have a old iPad cart that could be retrofitted) that would be shared by all laboratory classes in the Biology Department. The laptops/Chromebooks would be used by lab classes to access biological data stored in online repositories (trail camera photos, DNA sequence data, DNA alignment data, etc.), conduct online literature searches, utilize online keys to identify organisms (i.e. native bee identification, protist identification, plant identification), and run data analysis on experimental data generated in lab. With the Biology Department offering over 60 class sections each semester (serving over 1,500 students per semester), the laptops would undoubtedly be used frequently by many different biological disciplines/courses.

What are the consequences of not fulfilling this technology request?

The Biology Department previously utilized 24 iPads to access online tools and conduct data analysis, though the iPads are outdated and unable to connect to the WiFi in the SE building. We have been forced to make students use their own devices (primarily cell phones) to access the necessary online databases and conduct necessary data analysis. This has proven to be suboptimal and has led to much student and instructor frustration. Without laptops/Chromebooks we will be unable to provide students with the most up-to-date lab techniques, tools, resources, and experiences.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Business Administration

Technology (ISIT) Request 2023-2024 Cycle

Business Administration/Accounting/Administrative Office Assistant CTE Instructional Annual Update 2023-24

This section has no content

Career Education

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Career & Technical Education

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

None at this time.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

NA

What are the consequences of not fulfilling this technology request?

NA

Is there anything else you'd like the committee to consider?

NA

Non-instructional & Hybrid Annual Update 2023-24 Launchpad

This section has no content

Chemistry

Technology (ISIT) Request 2023-2024 Cycle

Chemistry Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes and no. Most of the technology we have is working well and helping us meet our students needs. However, we have several key deficiencies (listed below) that we would like fixed. Fixing these would allow us to connect with our students more effectively.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. Clip on microphones that connect to speakers in the rooms for SE 352, 353, 303, 301, 322, and 323 similar to what is in SE 321 to make being heard during lab and lecture easier. If resources are limited, prioritize SE 353, 352, and 303.

2. With the HyFLEX updates done to the lecture halls in GS 48, 51, 53, and 56, the new computer stations are backed into a corner for rooms 48, 51, and 53. This makes a less than ideal teaching set up. If possible, we would like for those computer stations to be next to the tables like they were before. If that's not possible, anything that allows a professor to see the screen of the compute and use the doc cam without having to wedge themselves into a corner would be nice.

3. For the HyFLEX rooms, it would be nice to have a way to turn off the camera so it doesn't track you if you are not using it. It is uncomfortable and makes us feel like we're being watched. There are also concerns about FERPA and student privacy violations since no one knows if and when those cameras are on and whether anyone is watching the feed.

4. Allow us to purchase software from companies not based in the United States. For example, Mnova (produced by Mestrelab Research in Spain).

5. AI powered grading TAs would be nice. Let's use Chat GPT for good for once. . .

What are the consequences of not fulfilling this technology request?

1. The air handling system in the SE building is quite loud. It is a strain on faculty members' voices to lecture or carry out labs. It also becomes difficult for students to hear and learn. The ventilation cannot be turned off due to the need to have our fume hoods always flowing per CalOSHA.

2. It will affect the ability of professor to lecture efficiently. It takes extra time to go back and forth between the computer station, doc cam, and whiteboard to see whether what we are trying to project is on the screen in a way that students can see.

3. The year will change to 1984. Dean Waller will grow a mustache and start going by the title Big Brother.

4. It will limit the laboratory pedagogical utility of our Nuclear Magnetic Resonance Spectrometer. Having multiple software licenses facilitate data processing and allows multiple students to work on their labs at once instead of being forced to work on them one at a time.

5. This one was a joke.

Is there anything else you'd like the committee to consider?

No, but thank you for reviewing this and working hard to keep our campus technology up to date!

Child Development

Technology (ISIT) Request 2023-2024 Cycle

Child Development CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No, technology is meeting our objectives.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

FACE Classroom 20 is in need of a new projector.

What are the consequences of not fulfilling this technology request?

Professors use the computer and projector as a teaching tool for lectures, class agendas, video screenings, and to support small group activities. If the classroom's smart station , which includes the projector, are not equitable to the other classrooms, than there is a lack of fluidity and equity in the course teachings.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Child Development Center

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Child Development Center

This section has no content

Communication

Technology (ISIT) Request 2023-2024 Cycle

Communication Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Most of the requests help meet objectives. One objective of COMM B1 Public Speaking is to learn to design and use PowerPoints or other slide decks. This requires use of technology like a laptop. If students had access to the Hyflex setups in the Fine Arts classrooms, they would be able to cast their laptop content on the larger screens and work within groups. They could also work in groups for classes like COMM B8 Small Group Communication where group work is expected. Areas that don't related to objectives, technology would enhance the instructional quality and equity for students. Students would be able to attend Zooms when sick or unable to get to campus without missing content and getting behind in class. Our current Hyflex setups lack quality and ease-of-use microphones that allow students on Zoom to fully participate.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. Microphone setups for FA 47, FA 51, and FA 58. Our three fine arts classrooms had Hyflex setups installed, but are missing key components with microphones to make the Zoom option, the true Hyflex nature of the classrooms, almost impossible to use. We need full microphone set-ups in each Hyflex classroom to maximize the Zoom experience for students online. This improves equity as students who are ill or could not find transportation for the day are able to still attend and hear lecture and classroom discussion.

2. Document Cameras for FA 47, FA 51, and FA 58. The Hyflex setup installed in the classrooms removed document cameras as a part of the classroom technology and experience. The new technology setup has a white board extension attached to use with a document camera. This instructional piece would allow faculty to make notes on papers, forms, the mini whiteboard, which all would improve overall instruction options.

3. A variety of HDMI cables (9 total is an estimate) for FA 47, FA 51, and FA 58. The Hyflex setup in the Fine Arts classrooms allows for individual laptops to be plugged into the screens for students to work in groups and have their laptop content cast on the larger screens. A variety of HDMI cables locked with the laptop carts in the classrooms would help with this task as there are multiple types of HDMI connections possible. Group activities would be enhanced as students could access the internet, build slide decks together, and do research together using the technology.

What are the consequences of not fulfilling this technology request?

1. The consequences of not receiving a full microphone set up for our three Hyflex classrooms in Fine Arts is the setup cannot be fully realized. One equity component of Hyflex classrooms is students attending class over Zoom when they are ill, have childcare issues, or are otherwise unable to get to campus. If we do not receive and complete microphone set up in these classrooms, the full extent of Hyflex will not be utilized.

2. Document cameras are a possible accessory item for Hyflex setups as our setups have a mini whiteboard attached to the desk. Without document cameras, faculty cannot use the mini whiteboard feature or use the document camera to make notations in real time for students to see on small papers, forms, note cards, etc.

3. The consequences of not receiving a variety of HDMI cables for our Hyflex classrooms in fine arts is we would not be able to have students hook up the laptops to the larger screens for easier group work. Students often work on research and slide decks together. Without a variety of HDMI cables, students would not fully realize and utilize the possibilities of the Hyflex classroom, one of which is to enhance group work with casting small computer content to the larger screens. As there are many types of HDMI cables, we request a variety to meet the needs of a variety of laptop computers.

Is there anything else you'd like the committee to consider?

We are grateful for the amazing Hyflex setups we received from our previous program review. Our requests this year seek to enhance and utilize the setups we have, making sure we use them to their fullest potential.

Computer Science (BC)

Technology (ISIT) Request 2023-2024 Cycle

Computer Science/Comp TIA CTE Instructional Annual Update 2023-24

This section has no content

Construction Technology

Technology (ISIT) Request 2023-2024 Cycle

Construction Technology CTE Instructional Annual Update 2023-24

This section has no content

Culinary Arts

Technology (ISIT) Request 2023-2024 Cycle

Culinary Arts CTE Instructional Annual Update 2023-24

This section has no content

Delano Center

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Delano Center

This section has no content

Disabled Students Programs Services

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Disabled Students Programs & Services/TAPC

This section has no content

Economics

Technology (ISIT) Request 2023-2024 Cycle

Economics Instructional Annual Update 2023-24

This section has no content

Education

Technology (ISIT) Request 2023-2024 Cycle

Education Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

All of the computers in our faculty offices, labs, and classrooms are outdated and need replaced.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. Replacement desktops for all staff and faculty in CSS Building for EDUC faculty: CSS 119, 120, 206, 142, 143, 126. These are staff and faculty offices. These functioning of these computers negatively impact the staff and faculty's ability to complete daily office tasks.
2. The desktops and projectors in CSS 117, 122, 128, and 204, 3 and 3A are outdated and make it difficulty for faculty to teach effectively. (Slow, dim lighting, malfunctioning equipment.)
3.Our Tutoring Center is in need of Macs or MacBooks: When Giving a presentation to new faculty in the Tutoring Center, some instructors wanted to know if tutors and tutees had access to Apple computers (for iOS programs and because many students use apple products). So, this would be an instructional need for tutoring would be two Macs or MacBooks.

What are the consequences of not fulfilling this technology request?

These basic technology requests are neededto conduct basic, normal daily staff and faculty tasks and classroom instruction.

Is there anything else you'd like the committee to consider?

These areas are also the primary spaces for staff and faculty plus classroom instruction durinf Bridge to BC June through August.

Electronics Technology

Technology (ISIT) Request 2023-2024 Cycle

Electronics Technology CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

NO. The wired network in the new SE151 lab is insufficient. Nearly every ethernet port is already used and we have not yet installed any PLC hardware, MHI panels, or other lab hardware. We will need approximately 100 additional ports.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

The CIM Lab (IT-7a) has only 14 student workstations, but we schedule 21 + students per class. Students have to share workstations and do not get a full learning experience.

What are the consequences of not fulfilling this technology request?

Student learning experience suffers.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Engineering

Technology (ISIT) Request 2023-2024 Cycle

Engineering CTE Instructional Annual Update 2023-24

This section has no content

English

Technology (ISIT) Request 2023-2024 Cycle

English Instructional Annual Update 2023-24

This section has no content

English for Multilingual Stdts

Technology (ISIT) Request 2023-2024 Cycle

EMLS Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes. All classrooms at all of our learning sites have the basic technology required (e.g., computers, projectors, speakers). In many cases our classrooms are set up for HyFlex, adding flexibility to how our courses can be offered.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

We have no requests at this time.

What are the consequences of not fulfilling this technology request?

NA

Is there anything else you'd like the committee to consider?

NA

Enrollment Services

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Enrollment Services

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

N/A

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

N/A

What are the consequences of not fulfilling this technology request?

N/A

Is there anything else you'd like the committee to consider?

N/A

EOPS CARE CalWorks

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 EOPS CARE CalWorks NextUp

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Our computers and laptops are currently meeting our program objectives. We use our desktop computers for our student study area and laptops in carts that we use for workshops and meetings with students.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1)We are requesting digital signage using a television screen placed in the EOPS lobby and student study/waiting area to keep students informed about important   program and campus events. The digital signage is a communication tool to provide students a visual of on-campus activities, program reminders, and important
   dates while they wait for their appointment or use the study area. It could serve as a one-stop-shop announcement tool for students to keep abreast of deadlines,
   activities they can participate in and other important information.

2) We would like to request a camera to capture and document events and activities provided by our programs. We would like to capitalize the use of social media
   platforms and provide quality images, videos and content of our events and avoid using personal cameras. Social media is a powerful platform to engage
   students with program events and keep them informed. With social media being a click a way, students are more inclined to visit their social media platforms for
   information.

What are the consequences of not fulfilling this technology request?

1) We have other methods of communication, however, we are making efforts to minimize the number of emails and text messaging students receive weekly and utilize technology such as digital signage to visually inform students.

2) A camera tool will help us document our program content and quality images and visuals. Content produced would highlight our events, activities, and showcase our student engagement/participation in our programs.

Is there anything else you'd like the committee to consider?

None.

Financial Aid

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Financial Aid

This section has no content

Fire Technology

Technology (ISIT) Request 2023-2024 Cycle

Fire Technology CTE Instructional Annual Update 2023-24

This section has no content

Food Science Technology

Technology (ISIT) Request 2023-2024 Cycle

Food Science Technolgy CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes. There has been a lot of recent work done to make the class/lab room better for student learning.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

The current needs for a new projector, desktop, and student computers are being addressed and should be completed by the end of October.

What are the consequences of not fulfilling this technology request?

N/A

Is there anything else you'd like the committee to consider?

I would like to thank all who are involved in the renovation of the projector project. It will definitely create a better learning environment for our students.

Food Service

Technology (ISIT) Request 2023-2024 Cycle

Food Service CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No.

Adding technology that is being requested will enhance learning by adding mediums in which to teach, creating efficiency, allowing on-site activities, and expanding capacities teachable concepts.

Additional technology will allow us to run more classes which will aide in the program completion time for our students. Our advisory board has expressed the need for more industry professionals to join the workforce as quickly as possible. Expanding our class offerings will allow the program to offer more courses and graduate culinary and nutrition professionals in less time.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. Renegade Room needs to add another credit card reader and/or multiple pay point locations to assist in allowing customers of student run restaurant to pay quickly and efficiently without waiting in a long line. This enhances student success by allowing learning customer service while keeping needed customers happy and returning. Our students learn best by doing and customers are needed for real-life experience.

2. Tech refresh in classrooms FACE 12, FACE 20, and FACE 23. New computers, speakers, TV's, cameras, and/or projectors are needed as the old technology is failing and creating challenges to the learning environment of the students.

3. Laptop computers and laptop carts needed for student us. The computers will enhance student learning allowing students to use for management training, Servsafe certification, and many other teacher-student involved activities.

A. 30 unit laptop cart and charging station for use in FACE 23
B. TV and Laptop/Computer station on a cart for lectures in the Renegade Room Kitchen

4. Security cameras for register. This technology will allow for student learning in the management of cash and sales.

What are the consequences of not fulfilling this technology request?

Failing technology in classrooms are causing instructors class time and learning for the students. Some projectors are going out and computers/monitors are old leading to the issues creating the difficult learning environments.

With our expanding program, the additional technology will allow us to expand our teaching practices in the classroom. We will be able to add a lecture space in the kitchen to allow for additional classes to be run simultaneously between the dining and kitchen areas (turning 1 classroom into 2). Access to laptops during class time will allow students to utilize programs such as ProSim Restaurant simulator as part of class instead of using it as an at home activity. We will also be able to utilize them for individual research during lectures and class discussion.

The additional credit card reader will allow for a student to be trained in using a credit card reader which is a standard piece of equipment in the food service industry. This will also allow for faster processes of customer payments during the Renegade Room service periods where a backup tends to happen. The additional reader will speed up this process and allow for faster turn over (more time to serve more customers) during meal times which will also generate additional revenue for the food service program to be placed back into the program itself.

We will not be able to offer additional courses to our students due to lack of technology without the technology cart for the Renegade Room kitchen. We also cannot utilize online programs during course time without having laptops available to all students during class time.

Is there anything else you'd like the committee to consider?

The need for these tech updates are important for the students. We must give exceptional learning environments for these student that will enter the job market that much more prepared from the advantage of utilizing the technology for this higher learning.

Food Services

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Food Services

This section has no content

Forestry

Technology (ISIT) Request 2023-2024 Cycle

Forestry CTE Instructional Annual Update 2023-24

This section has no content

Foundation & Institutional Development

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Foundation

This section has no content

Geology

Technology (ISIT) Request 2023-2024 Cycle

Geology Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The geology program could use better closed captioning for some of our online materials if funds are available. We're currently relying on YouTube to caption which does well but isn't perfect.
Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. You may have more than one request. Please prioritize and indicate how this request is tied to your planning.
We could use better closed captioning for some of our online materials if funds are available. We're currently relying on YouTube to caption which does well but isn't perfect.
Is there anything else you'd like the committee to consider?
What are the consequences of not fulfilling this request?
No Value

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

We could use better closed captioning for some of our online materials if funds are available. We're currently relying on YouTube to caption which does well but isn't perfect.
Is there anything else you'd like the committee to consider?

What are the consequences of not fulfilling this technology request?

NONE

Is there anything else you'd like the committee to consider?

NONE

Health Information Technology

Technology (ISIT) Request 2023-2024 Cycle

Health Information Technology CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes, technology that is used in our online environment meets objectives.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

None needed at this time.

What are the consequences of not fulfilling this technology request?

None needed at this time.

Is there anything else you'd like the committee to consider?

No.

Heating Ventilation Air Condit

Technology (ISIT) Request 2023-2024 Cycle

HVAC CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes. The current technology is adequate. In the HVAC/R classroom we are well equipped with computers, projectors, and TV's. This equipment works well for supporting presentations, lecture notes, and online research projects.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Virtual Learning Equipment including the required computers and required hardware would be a valuable tool to enhance student learning outcomes. At this time, we do not currently have the space to offer this experience, but I wanted it noted here that I have this in mind if the space becomes available.

What are the consequences of not fulfilling this technology request?

The only consequence is that the students do not get to partake of a powerful learning tool that allows the students to engage in many experiences that cannot easily be replicated in the lab environment.

Is there anything else you'd like the committee to consider?

None at this time regarding technology request.

History

Technology (ISIT) Request 2023-2024 Cycle

History Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes, the technology is meeting our needs, as it allows for the use of the most traditional instructional technologies in our course presentations.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

None Needed at this time, as there are planned upgrades to most of our rooms that will resolve much of the few concerns listed.

What are the consequences of not fulfilling this technology request?

None- as we have no requests.

Is there anything else you'd like the committee to consider?

Not at this time.

Human Resources

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Human Resources

This section has no content

Human Services

Technology (ISIT) Request 2023-2024 Cycle

Human Services CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No request for technology

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

N/A

What are the consequences of not fulfilling this technology request?

N/A

Is there anything else you'd like the committee to consider?

N/A

Industrial Automation

Technology (ISIT) Request 2023-2024 Cycle

Industrial Automation CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The CIM lab (IT7a) is too small and under-equipped for the lower division courses that lead into the INDA Bachelor program. IT7a has the highest scheduling load of all the ELET labs and only has workstations for 14 students. Our classes are normally over 21 students. Sharing computers is a turn-off for many students and does not entice them to continue into the Bachelor program. **The CIM lab needs to move to an adequate size space and expanded to at least 24 work stations.**

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

This question has not been answered yet

What are the consequences of not fulfilling this technology request?

The courses scheduled in the CIM lab are becoming bottle-neck couses for the ELET, PTEC, and INDA programs. These bottle-necks will hinder growth in these programs.

Is there anything else you'd like the committee to consider?

The existing chairs in IT7a are litterally falling apart. They are not suitable for continued use.

Industrial Drawing

Technology (ISIT) Request 2023-2024 Cycle

Industrial Drawing CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The technology we have in place is currently meeting the needs of the program.
One improvement would be to add computer technology for the student workstations in MS12.
Currently, INDR 12 (Intro to Drafting and CAD) is scheduled for two rooms: 8 weeks is spent in MS 12 for mechanical drawing (pencil and paper) and 8 weeks is spent in either MS 9 or MS 10 for the CAD portion of the class. I
If MS 12 had computer technology, the class could be scheduled solely in that room and would open up the CAD labs for other classes or open lab for students.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

None at this time

What are the consequences of not fulfilling this technology request?

This question has not been answered yet

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Industrial Technology

Technology (ISIT) Request 2023-2024 Cycle

Industrial Technology CTE Instructional Annual Update 2023-24

This section has no content

International Students Center

Technology (ISIT) Request 2023-2024 Cycle

International Students Center Non-instructional & Hybrid Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

International students have unique interests in choosing an institution to study in the United States. In the last several months, Bakersfield College has developed new strategies on international student recruitment, onboarding procedures for new students, and curated new student-engagement opportunities. Various technologies are needed to manage the increasing numbers of prospective students and leads to Bakersfield College in an effective, streamlined, manner.

As Bakersfield College continues to be a chosen destination for studies from students globally, the further success and growth of international students is dependent on the student student experience that is shared at their home. These technologies allow future and current students to have positive impression of Bakersfield College and similar positive experiences as a student.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.
You may have more than one request:**

Currently, international students and their related processing to correspond, interact, and follow up with critical time sensitive information and document are handled manually. The itemized list below contributes to the student lifecycle in the context of successful recruitment, admission, and matriculation of international students to the College.

Cloud/Web Based Technology Solutions:

   1. Customer Relationship Management (CRM) Solution: Manages and facilitates the recruitment, admissions, and documentation needs both in-bound and out-bound to prospective

students to ensure successful and streamlined processes for applicant review.

   2. Advantage Design Group - Online Orientation Developer: Provides the ability for campus-specific curation of a new student online orientation tailored and customized by the College pertaining to international students. Orientation modules developed for international students would integrate and be facilitated through the CRM to track and monitor progress to completion of the required orientation program.

   3. Third Party Recruitment Solution for Prospective Lead Generation - Docsity: As a 3rd party solution, Docsity provides social media-based marketing curated by the College to develop prospective lead interest. Leads are then provided electronically to the College and may be integrated (uploaded) to the CRM for automated and personalized lead management further nurturing the student's interest in Bakersfield College. The International Educational Advisor would utilize prospective leads and the CRM to develop key ways to continue to market the campus and to convert leads into applicants.

   4. Nearpeer software - Peer to Peer Student Engagement: Using the CRM and the Online Orientation solution, Neerpeer would provide the platform to further nurture and develop the critical and unique student engagement needs of international students to connect them with a secured student community with similar interests creating community.

Hardware Technology Items:

   1. 55" Monitor On Stand With Wheels
   2. Laptop Cart
   3. 2 Wireless Presentation Clickers
   4. 2 iPads
   5. 15-20 Laptops
   6. 2 Laptop Privacy Screens
   7. 8 Desktop Privacy Screens

What are the consequences of not fulfilling this technology request?

Consequences of not fulfilling this technology request is vast and wide. Areas of impact would include:

- Inefficient follow-through for prospective student interested in attending Bakersfield College
- Decrease in student lead traffic
- Lessened student-body diversity from countries outside of the United States
- Decreased impression of attending Bakersfield College as compared or opposed to another college or university
- Increased unnecessary staff labor requiring the need for additional human resources
- Inability to remain competitive and a "community college of choice"
- Unneeded impression of Bakersfield College not on the leading edge of technology use
- Direct impact on international student enrollment, thus directly impacting significant potential fees and revenue to the college

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Japanese

Technology (ISIT) Request 2023-2024 Cycle

Japanese Instructional Annual Update 2023-24

This section has no content

Journalism

Technology (ISIT) Request 2023-2024 Cycle

Journalism CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes. The journalism program's ISIT request for new Canon Rebel cameras was generously granted by BC in 2018. For five years, students have taken excellent care of the four cameras provided. Unfortunately, in September 2023, a camera in the care of a student editor was stolen from her car. We are requesting replacement of one Canon Rebel T6 Camera and standard lens.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

N/A Just requesting one replacement camera.

What are the consequences of not fulfilling this technology request?

The quality of the Renegade Rip will be compromised without enough high-quality cameras for students journalists to use. Photography is an essential aspect of the nonfiction storytelling. In a pinch, students can and do use their smartphones, but they really need the experience of working with a professional camera. The one that is being requested is relatively inexpensive (approximately $500).

Is there anything else you'd like the committee to consider?

We've made it almost six years without a camera mishap. This shows that students have treated the equipment with a lot of care and respect. Please don't punish the program for single unfortunate circumstance.. Thank you for your consideration.

Kinesiology

Technology (ISIT) Request 2023-2024 Cycle

Aquatics Instructional Annual Update 2023-24

This section has no content

Athletics Training Room Non-instructional & Hybrid Annual Update 2023-24

This section has no content

Kinesiology/Health/Phys Ed CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No. This request is dealing with a concern or issue we have with our KINS B7 - Sports in Film course. We are requesting a streaming service. This is a service that allows us to show full-length mainstream movies and it takes care of the copyright issues. Without the streaming service that we are requesting, we are not able to offer KINS B7 online because we are not able to stream the movies for the course.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1**. Requesting the purchase and approval of Swank Digital Campus.** This is a service that allows us to show full-length mainstream movies and it takes care of the copyright issues. We are paying for the rights to stream a certain number of movies each year. The library can manage it,

and it can run directly inside of canvas.

Below are two options that our department has been able to get quoted from the service.

<u>Option 1</u>
A soft roll out this year with either;
your specific title list of 12 titles at $3,000
or the 50 title deal (25/25) at $4,174. (this only applies if we start this year)

<u>Option 2</u>
Planning for a roll out for next summer-fall, with larger title package with maybe EdTech and or the Library involvement:
Up to 25 titles; $3,300
Up to 50 titles; $6,100
Up to 75 titles; $9,150
Up to 100 titles; $11,300
(estimated using 2023 pricing)

What are the consequences of not fulfilling this technology request?

Not purchasing this service will limit our full time enrollment in our KINS B7 online offerings. Without it we are not allowed to offer this course online-asynchronous.

Is there anything else you'd like the committee to consider?

This is incredibly valuable, especially right now. With AB 928 coming, we as a department are going to lose a lot of what we can offer. We have been working on ways to expand our other offerings. One new class we have, KINS B7-Sports in Film, has been successfully started. However, it is limited to in-person only due to copyright issues related to showing the films taught in the class. Obtaining this service would allow us to be able to teach these courses online, which would help our department adapt to the coming changes of AB 928.

This doesn't just help our department. This can be used by departments all across the campus. We have film studies courses that could benefit like we would also, but any class could potentially use this if they needed to show a feature film in an online format. This could also be used by in-person classes, as they could make a film available for viewing in canvas as part of an assignment.

We would need approximately 12 films to make our course work, but more would be helpful if possible. They can be purchased individually (listed below) or purchased as packages, where you buy they rights to 25 or 50 films at a lower rate, and then you specify which films you want to license each year. You could change the list from year to year, but not mid-year. You license the films for one year at a time.

This service can also be useful for the hyflex instructors, because they couldn't show films like this otherwise. Utilizing this service, instructors can show the films in person, but also make it available for those students attending remotely, and thus avoid any copyright issues.

We have some supporting documents if you'd like to see those as well.

Men's Baseball Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Given the baseball field is considered our classroom, we have a substantial need for a new scoreboard, it is the most important element to our program (outside of the field) to manage a game. It is the reference point for umpires, coaches and spectators. Without a functioning scoreboard, that can only be seen at night due to the outdated technology (32 years old), it will be impossible to conduct a JC baseball season at home. Given 90% of our games are played during the day, without a visible scoreboard, I'm not too sure we can play games at home. The fundamental elements of a game are based upon knowing the count, outs and obviously the score. If these elements are not visible throughout the game, I'm not too sure any of our games scheduled at home can be played, it's possible opposing teams will not want to play at our facility. A scoreboard is a fundamental part of any sporting event where time, innings, outs and scores are important variables to manage a game properly. And, it is a bit embarrassing that our scoreboard isn't visible, yet considered fundamentally necessary to our sport.

Estimated cost: Scoreboard $36K (funds already raised) - Installation $150K

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

This question has not been answered yet

What are the consequences of not fulfilling this technology request?

If we do not fulfill this request, it is likely we will have to travel on those days where we do not play games at night. If this transpires, our travel budget (buses) and per diem meal budget will substantially increase, by about 50 percent, at least. Road uniforms will need to be replaced sooner because we would be wearing them every time we travel (overuse), equipment manager will be spending more time preparing road uniforms every time we travel, likely overtime, student athletes will be facing more travel, Foundation will spend more time processing receipts due to increased travel and all athletic administration functions would be handling more travel requests, scheduling and tracking.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Men's Basketball Instructional Annual Update 2023-24

This section has no content

Men's Beach Volleyball Instructional Annual Update 2023-24

This section has no content

Men's Cross Country Instructional Annual Update 2023-24

This section has no content

Men's Football Instructional Annual Update 2023-24

This section has no content

Men's Golf Instructional Annual Update 2023-24

This section has no content

Men's Soccer Instructional Annual Update 2023-24

This section has no content

Men's Swimming Instructional Annual Update 2023-24

This section has no content

Men's Tennis Instructional Annual Update 2023-24

This section has no content

Men's Track & Field Instructional Annual Update 2023-24

This section has no content

Men's Wrestling Instructional Annual Update 2023-24

This section has no content

Strength and Conditioning Instructional Annual Update 2023-24

This section has no content

Women's Basketball Instructional Annual Update 2023-24

This section has no content

Women's Beach Volleyball Instructional Annual Update 2023-24

This section has no content

Women's Cheer Instructional Annual Update 2023-24

This section has no content

Women's Cross Country Instructional Annual Update 2023-24

This section has no content

Women's Golf Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No, there is currently no technology provided by the department or institution for the learning or development of the golf program. A program set of range finders and a trackman system would provide an opportunity for in-depth player data and statistical collection that would allow a coach and player to determine proper equipment usage and further develop the skills needed to be successful.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.
You may have more than one request:**

Trackman launch monitor & iPad

• A Trackman launch monitor and iPad would allow for an increase in data collection as well as player development as it pertains to club selection, distance control, club usage and course management.
Range Finders

• A team set of range finders would allow the program to issue each player unit so that players would not questions their course management and club selection as it pertains to their distance on the course.

What are the consequences of not fulfilling this technology request?

The consequence for not fulfilling this request would mean the program continues on its current path of resistance as it relates to accurate course, club and player data collection. As well as the development of a player's ability to successfully identify the proper club would stay at its current position.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Women's Soccer Instructional Annual Update 2023-24

This section has no content

Women's Softball Instructional Annual Update 2023-24

This section has no content

Women's Swimming Instructional Annual Update 2023-24

This section has no content

Women's Tennis Instructional Annual Update 2023-24

This section has no content

Women's Track & Field Instructional Annual Update 2023-24

This section has no content

Women's Volleyball Instructional Annual Update 2023-24

This section has no content

Women's Wrestling Instructional Annual Update 2023-24

This section has no content

Library Science

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Library

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Currently, yes, but we can offer more effective service to students through the technology requests we are making this year.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Priority 1) Library services have expanded to the BCSW Campus and there are now two adjunct librarians working there. To offer more effective service to BCSW students, the library will soon be moving into room 231 at BCSW, which was originally designed as a bookstore space. We are requesting a laser printer connected to the two faculty workstations as well as the addition of the laptop cart for BCSW 231.

Priority 2) We also request a 10 bay Omni Power Station 120v with full service cloud app and support ($6000). We would use this on our Panorama campus library: there are so few outlets for students to charge their laptops and other large devices with in the library that students often sit on the ground near a power outlet so they can charge their laptops or leave their device unattended so it can charge. The Omni Power Station has 10 power banks that can fully charge a laptop or any other type of device. We would check out the power banks to the students, while the full service cloud app and support will remind students when the power banks are due back (and charge students for a replacement if they do not return them to the library). If these work well for the main campus, we'd be interested in purchasing a set for the BCSW library as well.

What are the consequences of not fulfilling this technology request?

Priority 1) With the library in BCSW 231, the new space does not have the data and power capacities to add student desktop workstations, and there is currently no printer in that space. Without a laptop cart or a printer, students who do not have their own device(s) or their own printer will not be able to use computers to study at BCSW and will not be able to print any necessary course materials (syllabi, papers and reports, etc).

Priority 2) Without our second priority request being fulfilled, students will continue to struggle to find ways to charge their laptops and other larger devices at the library. We were gifted a phone charging station from Student Life several years ago, but this does not have the capacity to charge larger devices such as laptops.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Maintenance & Operatins

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Maintenance & Operations

This section has no content

Manufacturing Technology

Technology (ISIT) Request 2023-2024 Cycle

Manufacturing CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The technology in my Lab IT-7 does not aid me in meeting my objectives!

At present, the IT-7 machining lab does not have provision for students taking any of the MFGT courses to maintain a safe distance from any in-machine live demonstrations for the purposes of clarification and enforcement of those direct machining skills linked to their SLO's learned in the lab. Since the COVID pandemic students do not want to be within close proximity to peer into or view any live explanations that are conducted, and recording of lab demo sessions does not

address the need to clarify specific points at the moment that the students encounter them.

In-lab live demonstration has always been challenging with the shear number of students in each class and only the ability for 4-5 of them to safely huddle around a machine where I am performing live demonstrations. The demonstrations are vital to a students understanding of key elements that translate into successful skill building. However, with the current stigma that states everyone must maintain a safe buffer between each other, only the most outgoing 3-4 students of the 18-21 attending class actually move in enough to see what they need to learn from the demo's causing me to spend a lot of time on reiteration which takes away from the entire class. This project aids in meeting my objectives to provide high-level demonstration of necessary skills students must learn to meet their SLO's while keeping students safe from the COVID potentials. Furthermore, the addition of the media capability would provide for better or equal demonstration comprehension to those students that are more meek, or shy in making sure that they can see the live demonstrations given.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

ISIT/FACILITIES/OTHER EQUIPMENT REQUEST
Program or Service Unit: Manufacturing Technology
Submitter: Robert Stewart
Extension: 4895
E-mail: robert.stewart1@bakersfieldcollege.edu

I am requesting the following:
Quantity (2) 40-50 Inch Monitors & Cameras for In-Lab Demonstration Purposes
Quantity (4) Go-Pro Cameras with water resistant cases

At present, the IT-7 machining lab does not have provision for students taking any of the MFGT courses to maintain a safe distance from any in-machine live demonstrations for the purposes of clarification and enforcement of those direct machining skills linked to their SLO's learned in the lab. Since the COVID pandemic students do not want to be within close proximity to peer into or view any live explanations that are conducted, and recording of lab demo sessions does not address the need to clarify specific points at the moment that the students encounter them.

In-lab live demonstration has always been challenging with the shear number of students in each class and only the ability for 4-5 of them to safely huddle around a machine where I am performing live demonstrations. The demonstrations are vital to a students understanding of key elements that translate into successful skill building. However, with the current stigma that states everyone must maintain a safe buffer between each other, only the most outgoing 3-4 students of the 18-21 attending class actually move in enough to see what they need to learn from the demo's causing me to spend a lot of time on reiteration which takes away from the entire class.

This request is to merely place a monitor screen at a single fixed location, and to make the other mobile on a roll-around stand to be used at several other locations in the lab with the use of a couple of go-pro cameras. The systems could also be used to provide at machine lecture in the future which to could optimize the use of the lab as a class space as a dual utility.
Approximate Cost: $6000 - $8000

This aids in meeting my objectives to provide high-level demonstration of necessary skills students must learn to meet their SLO's while keeping students safe from the COVID potentials. Furthermore, the addition of the media capability would provide for better or equal demonstration comprehension to those students that are more meek, or shy in making sure that they can see the live demonstrations given.

What are the consequences of not fulfilling this technology request?

The consequences of not fulfilling the request is that it could impact the program as whole because it does not provide a safe way for 21 students to see demonstrations easily, and does not provide a decent 21st century solution to support how our newer generations learn.

Is there anything else you'd like the committee to consider?

If I cannot get consideration for the project already presented, why would I bother trying to justify another need...

Marketing & Public Relations

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Marketing & Public Relations

This section has no content

Mathematics

Technology (ISIT) Request 2023-2024 Cycle

Mathematics Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Currently the math department has interactive projectors in MS104, MS105, MS106, MS108, MS109, MS110, MS111, LA107B, and LA116. The software in these rooms should include Smart Notebook, TI-84 SmartView CE Emulator, Maple, and MyMathLab. The rooms also have doc cams. It is important that faculty in my department have this technology in order to help serve students better. Having the technology in all the rooms will help faculty maintain a higher standard of education with the students. Especially in a time where we are driven to help students complete a

transfer level math class within their first year, faculty need to be equipped to help a population of students that currently enter the classroom not initially equipped to meet these higher standards.

The interactive projectors are missing a cable, except in LA107B, that will allow the interactive part be fully functionable. .

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1) 10 desktop computer stations for the Math Learning Center.
2) Create a check-in kiosk at the entrance to the Math Learning Center.
3) Cables to be installed in all interactive projectors (MS104, MS105, MS106, MS108, MS109, MS110, MS111, LA107B, and LA116)
4) Software Smart Notebook,with equation editor, TI-84 SmartView CE Emulator, Proctorio, and MatLab needs to be installed on faculty office computers and laptops.

What are the consequences of not fulfilling this technology request?

Math department has been asked to help more students pass a transferable class within their first year. Currently more students are being place in a higher course then they are equiped to handle. The need for technology consistent in all the rooms the department utilizes is necessary to help faculty help students reach a higher standard. Technology can be a positive reinforcement to student learning. Not getting the technology the department needs will have a negative impact on students. The old attitude of give a math teacher a piece of chalk and chalkboard does not cut it anymore. We need to be able to engage students in a way that will pique their interest and allow them to have a positive experience in the classroom.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Mechanized Agriculture

Technology (ISIT) Request 2023-2024 Cycle

Mech Ag CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet

objectives.

NO, my assigned lab space GS45 is only equipped with 2 flat screen TV's which are difficult for students to see during lab activities. We have a projector and screen that belong to the program that need to be removed from the old lab space and moved into the new location and set up. Also, the computer currently in that room is so old it cannot pen and run any programs with video links or media.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Our programs utilize annual software subscriptions for student assignments and lab activities. We request the IT department continue to fund the following annual subscriptions for our programs:

Sp2 Safety- Heavy Duty Diesel (MCAG B4)
WiseConn Drop Control annual subscription (MCAG B5)

What are the consequences of not fulfilling this technology request?

we will not be able to meet student learning outcomes.

Is there anything else you'd like the committee to consider?

No

Medical Science

Technology (ISIT) Request 2023-2024 Cycle

Medical Science CTE Instructional Annual Update 2023-24

This section has no content

Music

Technology (ISIT) Request 2023-2024 Cycle

Commercial Music CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No. We do not have enough workstations for the enrolled amount of students. We have 16 dedicated workstations and need to increase that number. Computers will be necessary to be updated. Current Macs have defective hard drives and are often in need of repair. There will also be a need for a new layout, workstations, MIDI controllers etc to reconfigure the lab as the piano instruction will move to FA 60 in Fall 2024. Our target number of new iMacs is 24 (increasing by 8 from our current 16 workstations).

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

The following gear is necessary for student success. As the program grows (within a small lab space) it is important to make use of every sq.ft. possible. Our current layout includes large digital pianos that will be removed by Fall 2024, due to the relocation of the piano lab. This will free up space and allow us to reconfigure the lab and increase individual workstations. The following resources are all of the utmost importance:

24 imac computers with mouse/keyboard
MIDI keyboards
audio interfaces with mic and mini stands.
New desks/tables for these workstations.

What are the consequences of not fulfilling this technology request?

Students will not be able to have necessary individual access to digital audio workstations and not receive necessary exposure and training on the technology required for success in the field.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Music Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

NO - Obsolete and broken AV technology in the Performing Arts Center is inhibiting our department from meeting our objectives, and impeding campus and outside events that take place in these spaces. Students in classes that meet in these spaces need to be able to listen to, analyze, and critique audio and visual recordings on a regular basis in order to meet course SLOs. The Marching Arts program remains in need of a replacement to its crucial sound system equipment. These requests further explained below.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. AV presentation technology in Band Room (PAC-2) and Choir Room (PAC-8).

The replacement of the subpar AV systems installed in the Band Room (PAC-2) and Choir Room (PAC-8) during the 2014 renovation has been on our list of ISIT requests for many years. The computers in these rooms do not have monitors attached, so monitoring is only available via the projector that throws onto the whiteboard. This creates a privacy concern for faculty logging in to these computers, and it makes it impossible to run slideshow presentations in presenter mode. The ceiling-mounted speakers and wall-mounted amplifiers cannot handle playing music loudly enough for a classroom full of students to hear without producing distortion that obscures and overwhelms the music. The audio is also summed to mono (no stereo separation) so music recordings sound thin, lifeless, and without detail. The examination, analysis, and critique of audio and video recordings of the music being rehearsed is crucial to the success of all of the ensembles that use these rooms, and this activity is clearly identified in the CORs of each of these courses.

The limitations of these AV systems became a matter of urgent concern when we recently hosted the annual fall conference of the Kern County Music Educators' Association (KCMEA). This event, which was held at CSUB for many years, was a huge win for our department as nearly 100 local music educators and future music educators came to BC for a full day of presentations, workshops, and ensemble reading sessions in the Indoor Theater, Choir and Band Rooms. But we had to bring a mobile projector into the Indoor Theater, and the classroom technology downstairs limited presenters' ability to include AV materials in their presentations. Our department hopes to host more events and conferences of this type in the future, so these technology upgrades are a top concern.

Each of these rooms need to be outfitted with a computer with a monitor, connected to a

functioning projector and a high-quality audio amplifier and speakers so that music can be experienced at a suitable volume level, and an instructor or presenter can run a slide show effectively.

2. Sound System for Marching Arts Ensembles

The Marching Arts ensembles (MUSC B18A, MUSC B28, MUSC B40, MUSC B42), like most modern marching ensembles, utilize a sound system to reinforce the sound of their acoustic instruments, integrate electronic instruments, and generally create a soundscape for their productions. The sound system that is shared by the Drum Line (B18A) and Drum & Bugle Corps (B28) has served students since it's purchase in 2012, but it has started to become unreliable with mechanical parts beginning to fail and issues that are not cost effective to have repaired.

A reliable sound system is imperative to the success of the ensembles. Demonstrating improved proficiency through performance is an SLO that cannot be achieved fully when the tools the students and instructors use are not functioning properly or have become unreliable.

What are the consequences of not fulfilling this technology request?

1. The Performing Arts Center is utilized by many departments and programs on campus. These technology upgrades will benefit not only the Performing Arts Department and its programs by reinforcing our teaching resources and expanding our outreach and community engagement, but there will be a clear benefit to the campus and the community as a whole.

2. If the Marching Arts Sound System request isn't funded, equipment will eventually fail, hopefully not during a performance/competition. This request received partial funding to support the purchase of a MacBook last year, which helped immensely, but the mixer is nearly unusable and may not survive another season of use. Here is last year's ISIT request video for this equipment: https://youtu.be/bQ1QNSiGSnA

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Nutrition

Technology (ISIT) Request 2023-2024 Cycle

Nutrition Instructional Annual Update 2023-24

This section has no content

Occupational Safety Risk Mgmt

Technology (ISIT) Request 2023-2024 Cycle

Occupational Safety Risk Management CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Moving into the 23-24 year, the technology in Industrial Technology room 201 was upgraded to allow better Zoom participation. This has enabled the continued delivery of hybrid options.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

The projector in IT 201 did not get upgraded/changed. It has low quality and makes viewing certain things difficult. The lights must be turned off many times in order to see properly. One IT Tech confirmed he was surprised the projector wasn't replaced when the classroom was upgraded.

What are the consequences of not fulfilling this technology request?

diminished quality

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Office of College Safety

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Office of College Safety

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

At the moment, most of the technology needs for College Safety are being met with current equipment and services. A recent purchase of iPads was made to replace aging TouchPad devices for College Safety Officers. This upgrade will enable officers and staff to utilize more modern technology for report writing, citation issuance, college work, and more.

BCDCS purchased a multi-function machine with color printing capabilities last year for the front office. Previously the department utilized an existing black and white multi-function machine but discovered that the need to have an adequate onsite color printer was becoming a necessity as the department engages in more distributed college work.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

BCDCS is also beginning initial discussions of potentially acquiring license plate reader (LPR) technology in the near future that integrates with our new parking system. This technology would ease a substantial burden in the back-end work of monitoring campus parking, adequately enforcing college parking rules and regulations, and providing timely and accurate guest, staff, and student parking services. LPR technology could be used on patrol vehicles as well as stationary cameras at campus entrances. We have had discussions with the City of Bakersfield about sharing cameras that could provide coverage for our campus as well as surrounding areas that would be of interest to the City. Depending on the breadth of this project, estimated costs could range from $50,000 to over $250,000.

What are the consequences of not fulfilling this technology request?

The consequences of not implementing license plate reader equipment and technology would continue to place Bakersfield College behind the current college and university standards trends of parking services and parking enforcement, especially throughout the state of California. Many colleges and universities have, several years ago, upgraded their equipment and services to more modern technology that allows these institutions to be more efficient and timely.

Is there anything else you'd like the committee to consider?

Not at this time.

Office of Institutional Effectiveness

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Office of Institutional Effectiveness

This section has no content

Office of Student Life Campus Center

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Office of Student Life

This section has no content

Ornamental Horticulture

Technology (ISIT) Request 2023-2024 Cycle

Ornamental/Environmental Horticulture CTE Instructional Annual Update 2023-24

This section has no content

Outreach

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Outreach & Early College

This section has no content

Philosophy

Technology (ISIT) Request 2023-2024 Cycle

Philosophy Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No. 1) Because our computers in H104 and H105 are located in the far corner of the rooms, we need Clickers in the event we want to present material through the video projector. Saves us from having to walk back and forth to a computer while lecturing, which of course would faculty members to maintain student engagement with the material. 2) Moreover, since we have moved to zoom classes as well, we would like webcams installed on our office computers in the event a faculty member is scheduled to teach a zoom course, and this would afford our faculty members to hold zoom office hours as well, which allows us to interact with our students who may use this option.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. Wireless Presentation Remotes with a laser pointer(10 count):
Rationale #1: See response in the previous quesiton.

2. A copy of latest Adobe Acrobat Pro DC software program (not the Reader)
Rationale: This has come to be a necessity as we have moved many of our signing and sharing of documents have gone digital. The adobe reader does not allow us to maximize the full functionality of the digitizing experience.

3. **iPads with Apple Pencil** (6 count)
Rationale #1: Enhance student success in the classroom: We would love to integrate movies clips, videos, images, and be able to highlight lecture main points in the classroom. We cannot do this with just a computer and projector – we need a third device that creates an opportunity for interaction with the projector.
If we can connect the ipads to the proctor we can easily move in and out of programs showing images, videos etc. And we could use a lecture note program and record our lectures and submit online for students to review. There are many way to do this and several us in the department would love to provide training on this kind of integration. Especially with Google Sketch you can recreate historical scenes live in google maps. \u200B\u200B\u200B\u200B
\u200B\u200B\u200B

Rationale #2: Department meetings, meeting in general, would be so much more effective if we were provided a way to quickly share files and work on documents interactively.
Rationale #3: Obviously, to integrate lectures we need to be able to write. The newer version of apple pencil with the ipad pros is insanely perfect. No lag. No wasted time erasing. What you write instantly is projected on the ipad.

4. ***Purchase Philosophy Index Access*** to improve student access to philosophical material specifically. CSUB philosophy department currently uses it and it would allow our majors and students who do research in our classes access to philosophical material specifically. Cost may be cheaper by adding it to our existing EPSCO host account.

What are the consequences of not fulfilling this technology request?

Overall department performance in a) the classroom, based on the inconvenience of the location of our classroom computers, b) on campus committees and c) in department meetings will be negatively impacted.

Is there anything else you'd like the committee to consider?

That's about it.

Physical Therapist Assistant

Technology (ISIT) Request 2023-2024 Cycle

Physical Therapy Assitant CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The PTA Program relies on a smart classroom to meet the objectives of the program by utilizing zoom capabilities in the classroom, projectors, audio with videos along with PPT presentations. This has all been served well in the classroom setting, but the program has not been able to duplicate this in the lab setting where it is needed most, since it has no audiovisual technology in the lab. The PTA lab, in Gym 11 presently has no audio-visual equipment which makes it quite difficult to show a video of a technique or case scenario (for example in a hospital setting with actual patients). If the PTA program had this smart technology then the lab space could be utilized for both lecture and lab which is crucial in a degree that must meet clinical hands on requirement to meet their program objectives. All surveys from students request that they have audiovisual technology in the classroom so they can see it in video, lecture with PPT and pictures and then apply it in real time.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Currently all smart equipment is only available in lecture (LA 218 or LA 219) which makes it difficult to carryover at times those items taught in lecture. The PTA lab in Gym 11 is in desperate need of flipped "smart technology" in this room to bridge the gap of core didactic knowledge with hands on clinical skills in real time to improve SLO outcomes, clinical education scores and graduation rates. All 3 items below are needed to create this flipped classroom so our students can meet the objective of brining didactic information in real time to real hands on skills needed for clinical education rotations.

1. Technology: PTA Dedicated Lab Space- Gym 11
    1. Smart Classroom-
        1. Computer,-
        2. ELMO, Projector
        3. WiFi Access

What are the consequences of not fulfilling this technology request?

Students have repeatedly in their surveys and feedback have stated how difficult it is to carry over lecture material without the visual aid that the smart classroom provides. It has put extra strain on the students and faculty to have this lack of resource to prove the crossover of didactic to hands on skills. The fear is without this equipment, less students will be able to meet the clinical hands on with clinical reasoning skills that are needed to pass the lab portion of didactic PTA courses. The students must meet this requirement to be eligible to progress to clinical education experiences with real patients. The fear is that more students will not progress through the program due to not meeting the objectives of didactic clinical reasoning skills with hands on skills that the smart classroom technology will provide.

Is there anything else you'd like the committee to consider?

This technology in our dedicated PTA lab space would open our program to so many opportunities for student advancement in PTA lab courses that could change the way our students have carryover for all 3 of their clinical education courses and their ability to pass the National Boards once graduated. It would be an innovator in our program that would allow us to maintain the high standards of health care education.

Physics

Technology (ISIT) Request 2023-2024 Cycle

Physics Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

No.
While the request for laptops for the physics courses was fulfilled and a full complement (24 laptops) is being utilized for doing at least two classes in parallel, we are interested in expanding offerings of digital data taking tools and platforms from PASCO.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

- PASCO sensors and interfaces

What are the consequences of not fulfilling this technology request?

Without digital sensing technology for computer-based instruction, faculty cannot fully leverage our current resources and prepare our students for the 21st century and be successful after transferring to a 4-year university where almost all the physics labs are computer-based. Having these digital sensors available now that we have moved into the new Science & Engineering building would be a benefit and would allow us to train students in skill sets needed in the modern STEM workforce.

Is there anything else you'd like the committee to consider?

These requests will improve quality of instruction and equity gaps. Having digital resources on campus in our program will give faculty flexibility to present and assign digital activities to students as a regular part of coursework.

Plant Science

Technology (ISIT) Request 2023-2024 Cycle

Plant Science CTE Instructional Annual Update 2023-24

This section has no content

Political Science

Technology (ISIT) Request 2023-2024 Cycle

Political Science Instructional Annual Update 2023-24

This section has no content

Psychology

Technology (ISIT) Request 2023-2024 Cycle

Psychology Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Implementing this technology request would allow our program to meet objectives by updating classroom technology to better serve faculty and students. Some of our current classroom computers, projectors, and audio systems are outdated/impaired, which negatively impacts teaching effectiveness. Granting this technology request would improve classroom instruction and student learning.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

#1. Update technology in GS 7 - The instructional technology in GS 7 is outdated. We are requesting that the computer, projector, and audio equipment in GS 7 are updated to more current classroom technology standards.

#2. Update the hyflex technology in LA 221 - Currently LA 221 is equipped with basic hyflex technology. We are requesting that the room be updated to be fully hyflex with immersive technology.

#3. Update technology in room LA 219 - the monitor and audio equipment are outdated and their function impaired.

What are the consequences of not fulfilling this technology request?

#1. Currently, faculty cannot connect their own devices to the projector in GS 7 and must use the classroom computer to project. Furthermore, the classroom projector does not recognize the computer as a second monitor and will only duplicate what appears on the computer. This means that faculty cannot use tools like Presenter View in PowerPoint when teaching in the classroom. This negatively affects the instructor's ability to teach in this room as they are visually limited to whatever is being projected to students on the main screen. The light from the projector is also consistently dim and there is not adequate audio equipment in the classroom for students to hear videos or audio resources. GS 7 is primarily used by Psychology faculty to teach PSYC B5 (Statistics) and PSYC B6 (Research Methods). This semester, 6 sections of these courses are taught in GS 7, which means the technology issues affect 38% of these courses taught on the main campus.

#2. LA 221 is primarily used by Psychology faculty to teach PSYC B5 (Statistics) and PSYC B6 (Research Methods). This is high use rooms for our program. Currently, 8 sections of these courses are taught in LA 221, making up 50% of the rooms used for these courses on the main campus. Due to the limited technology in this classroom, all courses are currently taught as fully in-person classes. Updating the technology in this room to be immersive hyflex would allow us to offer hybrid sections of these courses. Hybrid courses could better serve students who need scheduling flexibility by allowing them to still attend class from home and not miss important material.

#3. The audio and visual equipment are less effective teaching instruments without an upgrade.

Is there anything else you'd like the committee to consider?

No.

Public Health Science

Technology (ISIT) Request 2023-2024 Cycle

Public Health Science CTE Instructional Annual Update 2023-24

This section has no content

Public Safety Police Academy

Technology (ISIT) Request 2023-2024 Cycle

Public Safety Training CTE Instructional Annual Update 2023-24

This section has no content

Radiologic Technology

Technology (ISIT) Request 2023-2024 Cycle

Rad Tech CTE Instructional Annual Update 2023-24

This section has no content

Reenrollment Center

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Reenrollment Center

This section has no content

Registered Nursing

Technology (ISIT) Request 2023-2024 Cycle

Registered Nursing CTE Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes, technology is critical to meeting the program objectives in both the office and classroom settings. Technology is required to manage the large growing number of students in the program and meet all the requirements for the college, our regulatory bodies and clinical partners. Student tracking, managing data and statistics, applications, admission, enrollment, onboarding students, reporting, managing grants and budget, tracking professional experts and faculty clinical requirements, designing presentations, classroom presentations, testing, and evaluations are just a few ways that staff and faculty utilize technology every day. Technology is critical to the efficient and effective operation of our growing nursing program.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. A replacement 70" LED TV for the Allied Health Skills lab. This replacement TV is needed for large group presentations, skills demonstrations, and instructional aid, and when not being used for others, it can be used as a message board for students/ faculty/ staff. The current TV needs updating to allow for the full usage of this medium in our skills lab.
2. Six of our staff and faculty members need replacement computers. Their current computers are 7+ years old, are slow and outdated, and many have been having technical issues requiring help tickets. These computers are critical to the daily work of the staff and faculty. The staff and faculty needing computer replacements include, staff: Michelle Burton and Carmen Perez and faculty: Alisha Loken, Gabriele Martin, Leah Elliott (would like a laptop with docking station), and Kyungwon Kim.

What are the consequences of not fulfilling this technology request?

If these requests are not fulfilled, the staff and faculty with older computers will continue to use the computers but will continue to have issues with speed and technical issues that will require support. There is the potential that the computers won't support the work they need to complete or be able to complete the work in a timely fashion. This likely will require more technical support from the IT department to maintain the older computers.
We currently have a smaller TV in the skills lab, which we can continue to use in a limited capacity. A larger, updated TV will allow us to use it more fully for presentations and teaching.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Research Technology

Technology (ISIT) Request 2023-2024 Cycle

Research Laboratory Technology CTE Instructional Annual Update 2023-24

This section has no content

Rural Initiatives

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Rural Initiatives

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Yes, the technology on-site is sufficient in supporting Rural's needs.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

This question has not been answered yet

What are the consequences of not fulfilling this technology request?

This question has not been answered yet

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Sociology

Technology (ISIT) Request 2023-2024 Cycle

Social Justice Instructional Annual Update 2023-24

This section has no content

Sociology Instructional Annual Update 2023-24

This section has no content

Spanish

Technology (ISIT) Request 2023-2024 Cycle

Spanish Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

In LA 201 - Students are at a disadvantage not being able to see the monitor as well from various seats in the classroom.

Faculty do not have access to a printer on the 2nd floor - the same floor as our offices. Having to leave to go down a floor to check on a print job is inconvenient and at times it is not available.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

We would like to request a couple of large-screen LED TV monitors in LA201 like the monitors installed in LA224. This visual aid enhances students' ability to see and interact with the content.

We also need access to a printer on the second floor. There used to be a work room on the 2nd floor but was taken away in favor of other programs leaving us without ready access to a printer.

What are the consequences of not fulfilling this technology request?

LED TV Monitors - Students do not have equal access to the materials and other learning resources projected onto the main screen.

Not having access to a printer is not only inconvenient but also time-consuming especially when there is a time crunch as we find right before classes begin.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Student Success & Counseling

Technology (ISIT) Request 2023-2024 Cycle

Student Success and Counseling Non-instructional & Hybrid Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

This question has not been answered yet

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1 LCD TV for Counseling Conference Room with Audio Visual/Sound for Zoom
1 LCD TV for Career Center
2 Color printers for Student Success & Retention Program and Career Center

- Sharp BP-70C36

36 PPM Full Color Copier/Network Printer/Network Scanner Configured with 300 Sheet Document Processor, 3100 Sheet Paper Capacity, Internal Finisher and Fax Board
5 Computers for Career Center computer lab
2 iPads for initiatives such Update Form completion

1 LCD TV for Counseling Conference Room with Audio Visual/Sound for Zoom
1 LCD TV for Career Center
2 Color printers for Student Success & Retention Program and Career Center

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36 PPM Full Color Copier/Network Printer/Network Scanner Configured with 300 Sheet Document Processor, 3100 Sheet Paper Capacity, Internal Finisher and Fax Board
5 Computers for Career Center computer lab
2 iPads for initiatives such Update Form completion

What are the consequences of not fulfilling this technology request?

The Student Success and Counseling Program is ramping up in the area of Career Exploration and Development. We are requesting to renovate the space in the back area of the first floor of the CSS building to make it more open, student-friendly and career-focused. Part of this renovation includes technology that students can utilize to further their knowledge and understanding of various careers and the the educational pathway needed to obtain it. The consequences of not having the technology needed for assessments (computers) as well as visual information regarding career exploration and college readiness (LCD TV) will set students back in their educational pursuits. Currently, we are limited in the career exploration resources offered to students. If students start college without an informed decision regarding career, they are more likely to stop out. In working with Institutional Effectiveness we looked at data of 39,287 first-time, non-special admit students who started BC between Fall/Summer 2018 and Fall 2022. It was found that out of all of the students in the data (n = 39,287), **23,837 (61%)** did not return to BC in the next Fall semester. While causation cannot be inferred, we know that students who have well-informed career goals are more likely to persist. There is a lack of resources at Bakersfield College in the area of Career Development, and having an area within counseling with the proper technology can give students more knowledge and awareness about various careers and pathways that they can pursue.

Additionally, Student Success and Counseling is constantly tasked with various initiatives and events. Examples are, tabling for conferences and fairs, graduation initiatives, registration events, information sessions, pathway events, etc. To ensure student turnout and a successful event, it is imperative that the department have the proper tools and resources. We are requesting a color printer for the department to use for the planning and execution of these events.

We also are requesting an LCD TV with audio for the Conference Room, so that the department is able to cross-train one another, as well as meet with various constituents regarding programming and initiatives for students. For example the Probation Counselor can give presentations to Counseling Faculty regarding recent best practices in helping student get back into good academic standing.

Lastly, the Student Success and Counseling Department are requesting iPads for registration initiatives. For example, many students do not complete the Update Form. iPads would allow us to get out of the office and have students fill out the update form. This would eliminate a barrier to registering for classes or being cleared for probation.

The Student Success and Counseling Department works with **all** students, and adequate resources are needed to efficiently and effectively serve them. Without these resources, students are the ones who ultimately suffer consequences.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Student Success & Equity Inclusion

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Student Success & Equity Inclusion

This section has no content

Student Success Technology & Inmate Education

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Rising Scholars

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Portable Speakers
The Rising Scholars Program has purchased and utilized employed portable speakers, allowing us to affirm their contribution to our educational objective of student learning. In line with this success, our program is currently seeking assistance to acquire in additional five portable speakers. These speakers are intended to provided to new faculty members who will be instructing within our program.

Portable Printers
Unlike portable speakers, portable printers have not been a component of the Rising Scholars Program. However, we are taking steps to equip our Counselor and Educational Advisors with these printers to enhance our objective of student progression. By providing these tools, we aim to further support our commitment to facilitating student success.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Portable Speakers
The Rising Scholars Program is dedicated to delivering a holistic education that cultivates curiosity, promotes inquiry, and empowers learners. In pursuit of this commitment, the use of portable speakers into the classroom serves as an innovative tool that aligns perfectly with our educational objective of student learning by enhancing curiosity, promoting inquiry, and real-world contextualization.

Enhancing Curiosity:
Portable speakers offer a dynamic medium through which students can engage with a wide range of audio content. Whether it's podcasts, recorded lectures, audiobooks, or interactive discussions, these devises kindle students' curiosity by providing an alternative way to access information. The auditory nature of portable speakers can captivate learners' attention and inspire them to explore diverse topics and voices that might not be readily available through traditional classroom methods.

Promoting Inquiry:
Portable speakers facilitate experiential and interactive learning opportunities. They enable educators to incorporate audio-based content that challenges students to think critically and consider various perspectives. Interactive activities, such as guided discussions, debates, or audio-based research projects, encourage students to question assumptions, engage in meaningful dialogues, and explore topics in depth. The versatility of portable speakers allows for multi-dimensional learning experience that sparks inquire-driven conversations.

Real-World Contextualization:
Educational content played through portable speakers can bridge the gap between academic concepts and their real-world applications. Audio materials, such as interviews with industry experts, case studies, or field recordings, bring practical relevance to theoretical knowledge. By exposing students to authentic, real-world scenarios, portable speakers facilitate a deeper understanding of how classroom concepts translate into tangible experiences.

Portable Printers
Our commitment to student progression and completion encompasses the goal of eliminating barriers that hinder students from successfully achieving their educational objectives. Introducing portable printers for educational advisors in prison aligns seamlessly with this commitment, as it directly addresses obstacles that students encounter during their academic journeys by eliminating barriers through accessibility, providing personalized support and timely feedback, and promoting equitable opportunities.

Barrier Elimination through Accessibility:
Portable printers offer a practical solution to a recurring challenge faced by incarcerated students whom have limited access to printed materials. Educational counselors and advisors armed with portable printers can produce essential documents, study transfer guides, student forms, and student educational plans on demand, ensuring that students have equal access to the resources needed for their academic success. By providing timely access to printed materials, we remove a significant barrier that often impedes student progression and completion.

Personalized Support and Timely Feedback:
Portable printers enable advisors to provide personalized support and timely feedback to incarcerated students. Advisors can quickly print out feedback on college forms, transfer materials, and student educational plans. This immediate and tangible feedback helps students identify their goals and maintaining their learning momentum, resulting in increased progression and a higher likelihood of completing their educational goals.

Promoting Equitable Opportunities:
Portable printers contribute to promoting equity by ensuring that all students, regardless of their location or access to resources, have an equal chance to succeed. By offering incarcerated students the same educational tools as their non-incarcerated counterparts, we created a level playing field and diminish disparities that often hinder progression and completion.

What are the consequences of not fulfilling this technology request?

Not fulfilling the technology request for portable speakers and portable printers could have several consequences that impact the Rising Scholars Program's ability to provide a holistic and effective educational experience for incarcerated students:

Portable Speakers:
1. Limited Engagement and Exploration: Without portable speakers, students would miss out on a dynamic and engaging learning tool. The absence of auditory content could lead to reduced engagement, limiting students' exposure to diverse topics, perspectives, and interactive discussions.
2. Diminished Inquiry: The absence of portable speakers could hinder the program's ability to promote critical thinking and inquiry-driven learning. Interactive activities that rely on audio content might not be feasible, leading to missed opportunities for students to question assumptions and engage in meaningful discussions.
3. Lack of Real World Context: Without portable speakers, the program could struggle to provide a real world contextualization for academic concepts. The inability to incorporate audio-based materials, such as interviews and case studies, could result in a gap between theoretical knowledge and practical application.

Portable Printers:
1. Inequitable Access: Without portable printers: incarcerated students would continue to face barriers to equitable access to educational materials. The lack of printed resources could hinder their ability to engage effectively with study materials, forms, and transfer guides, creating a disadvantage compared to non-incarcerated students.
2. Delayed Support and Feedback: Advisors' ability to offer timely support and feedback would be compromised without portable printers. Incarcerated students might experience delays in receiving printed materials, reducing the effectiveness of personalized support and timely guidance.
3. Reduced Equitable Opportunities: The absence of portable printers could perpetuate disparities between incarcerated and non-incarcerated students. Incarcerated students would be at a disadvantage when it comes to accessing educational tools and resources, potentially hindering their overall educational progress and completion rates.

In conclusion, failing to fulfill the technology request for portable speakers and portable printers could result in diminished engagement, limited critical inquiry, a lack of real world context, inequitable access to resources, delayed support and feedback, and reduced opportunities for incarcerated students to succeed academically and progress towards their educational goals. These consequences underscore the importance of these technological tool in enhancing the educational experience within the Rising Scholars Program.

Is there anything else you'd like the committee to consider?

None

Non-instructional & Hybrid Annual Update 2023-24 Student Success Technology (SID)

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

The Student Success Technology department supports Bakersfield College and it's mission by establishing a well rounded set of student success support technologies for Bakersfield College students and staff. The goal of curating such technologies is to enhance the overall effectiveness of processes and experiences of BC students. The technologies curated by and supported by the Student Success Technology Support department will compliment one another in enhancing the overall student experience at Bakersfield College and streamline services. Some duties of the department include: performing technology support on specialized student success related platforms, curating a growing library of professional development trainings for BC staff, developing how-to resources for each technology supported, and researching various technology solutions as higher education and Bakersfield College's needs evolve. Additionally, using technology in ways to meet students where they are at will contribute to providing equity in access to all students.

The following equipment is needed to enhance the reach of the departments training and workshop opportunities/materials. We would like to have our own basic setup for videoing trainings and workshops. By having our own setup, we can remain autonomous and not have to plan our many events around the convenience of other people helping us record. We have the skill in our area to work and support this type of equipment. Workshops and scheduled trainings do not always yield high numbers in attendance for student-based or staff-based audiences. We would like to begin recording and making trainings and workshops available online to students and staff that could not make it in person. These resources would double as go at your own pace support materials. They can be consumed at the convenience of the user's schedule. Additionally, the Student Success Technology staff spend prolonged hours in a seated posture at a computer and could benefit greatly from standing desks.

Equipment-

- 3 Standing desks
- 2 Video Camera
- Tripod
- 3 Wireless mics
- Green screen
- Green screen stand

Licenses

- Descript
- Asana

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

1. Standing desks (3)
2. Video Cameras (2)
3. External Hard Drive (1)
4. Descript
5. Asana Project Management Software (license)
6. Lucid Chart Workflow Software (license)
7. Tripod
8. Wireless mics (3)
9. Green screen
10. Green screen stand

What are the consequences of not fulfilling this technology request?

The Student Success Technology department is a small one with a large population to support. Providing the technology listed will support us in providing learning and training opportunities in a way that we currently are not able to. This support through technology is essential to the success of our department as well as our growth in support options for BC staff and students. In addition, the ability to develop and self-sustain creative assets within the department or in-house may increase production and completion goals of a project or related department need, thus reducing dependencies and requiring support form areas that are highly busy and not always available. Collaboration and consultation, however, would be maintained with other campus entities to ensure alignment of standards and accessibility.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Technology Services

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Technology Support Services

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

1. Indoor Theater AV Equipment: The infrastructure for video in the Indoor Theater needs an overhaul. The projector was replaced in 2022. The main AV system and the audio system including sound board is 2008-10.
2. General Sciences room updates GS 30, 31, 37, 7, 12, 18 - needs new cabling for HDMI - projectors are not that old.
3. Maintenance Contract for Renegade Event Center and Conference rooms
4. Add PTZ camera (5k) for zoom capabilities in the Renegade Event Center and Confidence Audio Monitoring (5k) in the AV booth.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Add PTZ camera in the Renegade Event Center for Zoom Capabilities

Add Audio monitoring - confidence monitoring in the Renegade Event Center AV room for sound monitoring of events

Maintenance Contract for the Renegade Event Center and Conference Rooms based upon high-usage

General Sciences Rooms get priority - as the AG department will be moving to those and the Biology department wants to repurpose these classrooms

Indoor Theater AV Infrastructure

What are the consequences of not fulfilling this technology request?

Consequences of not fulfilling this request would be that infrastructure gets older and continues to fail. This would improve the user experience and provide adequate instructional space. Updating the Renegade Event Center would allow them to provide more flexibility with events both here and at a distance.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Theatre

Technology (ISIT) Request 2023-2024 Cycle

Theatre Instructional Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

By implementing Hyflex technology in FA 30 (classes of 64-104 students) and FA 65 (classes of 64 students), our students will have options in how they attend and participate, with these options students will be able to attend class in person, via Zoom, or participate by watching the recorded video of the class session should they not be able to attend physically for whatever reason so students will not fall behind and it will increase student retention. DSPS students will especially benefit from the Hyflex options as they will be able to access the video of the class and the transcription of the video recording for notes that are vital to their learning in class.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

Priority 1: Hyflex for FA 30 and FA 65

What are the consequences of not fulfilling this technology request?

We will not retain as many students that we could have with the use of the Hyflex technology. DSPS students will have to scramble to find notetakers for their class notes. Most likely no recording of classes will be made available to students due to the lack of convenient technology to record the class sessions.

Is there anything else you'd like the committee to consider?

FA 30 and FA 65 are classrooms that are extensively used by Art, Music, and Theatre faculty that would benefit from having the Hyflex technology for their use. FA 30 is also used for various events that could be attended by others using the Hyflex technology should they not be able to attend in person.

Transfer Pathways

Technology (ISIT) Request 2023-2024 Cycle

Transfer Pathways Non-instructional & Hybrid Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Facilitating transfer and access to resources is a key component to the success transition of students from the college to the university. College and universities are increasingly changing ways to meet equity needs in access with a common theme to "meet students where they are at" resulting in more digital and electronic modalities to provide advising, guidance, and dissemination of key important information. In addition, community colleges are needing to develop and curate creative ways to ensure students remain engaged in a humanized form while engaging with advisors and counselors.

Bakersfield College's enrollment continues to rebound post-pandemic and student enrollment in in-person classes remain positive. However, with the intention and plan to increase student engagement toward completion of baccalaureate-degree attainment and transfer, the need to conduct the necessary workshops, presentations and other expected traditional student-facing events become limited due to classroom resources and overall space constraints.

These technologies provide and facilitate access to needed resources that often serve as barriers to students. These technological resources allow the college to fulfill the common theme stated above by reducing and mitigating barriers to successful completion of a transfer-related task or requirement, while maintaining the commitment of the college to ensure success and transfer attainment.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

30 Laptops and Laptop Charging Cart: Laptops will be utilized for Transfer workshops, particularly application and next step workshops where student needs to access online applications and related student portals to fulfill transfer requirements for admission. The laptops will increase the frequency workshops are offered as classroom space will not be limited to a computer lab. The laptop cart will help secure, store and maintain laptops between workshops making them readily available, mitigating delays on access.

Hootboard- Digital Interactive Information Kiosk System: Similar to digital concierge seen at airports and hotels, the Hootboard allows tailored and personalized content to be managed and presented in a self-service format. The Hootboard will be curated intentionally by the Transfer team in accordance and coordinated with timely university dates and deadlines. The Hootboard will also allow students explore universities and campuses on their own, at their own pace via an interactive interface. In addition the Hootboard will help students check-in to the Transfer Center and schedule appointments with the Transfer Team allowing student traffic data to be captured.

What are the consequences of not fulfilling this technology request?

The consequences of not fulfilling this request are vast and directly impacts the necessary objectives in ensuring students have the resources and information to transfer. Students will not receive the attention and space that they need to successfully complete an application for admission, with help and guidance from advisors and counselors effectively. Unfulfillment of technology resources in this area will also lead to an undesired, potentially negative experience by students feeling underserved and underprepared to transfer, which may lead to decreased persistence to admission, i.e. actually transferring.

Is there anything else you'd like the committee to consider?

This question has not been answered yet

Umoja Community

Technology (ISIT) Request 2023-2024 Cycle

Umoja Non-instructional & Hybrid Annual Update 2023-24

This section has no content

Veteran's Resource Center

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Veteran's Resource Center

This section has no content

Vice President of Instruction

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Vice President of Instruction

This section has no content

Vice President, Student Affairs

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 Vice President, Student Affairs

This section has no content

Vocational Nursing

Technology (ISIT) Request 2023-2024 Cycle

Vocational Nursing CTE Instructional Annual Update 2023-24

This section has no content

VP Finance & Admin Services Finance Info Office

Technology (ISIT) Request 2023-2024 Cycle

Non-instructional & Hybrid Annual Update 2023-24 FAS

This section has no content

Welding

Technology (ISIT) Request 2023-2024 Cycle

Welding CTE Instructional Annual Update 2023-24

This section has no content

Woodworking

Technology (ISIT) Request 2023-2024 Cycle

Woodworking CTE Instructional Annual Update 2023-24

This section has no content

Writing Center

Technology (ISIT) Request 2023-2024 Cycle

Writing Center Non-instructional & Hybrid Annual Update 2023-24

Is the technology used in your classroom or program meeting objectives?
If **YES**: Explain how:

If **NO**: Explain how implementing this technology request would meet objectives.

Current technology is not meeting the increasing needs and sheer number of athlete students utilizing the Writing Center, specifically on main campus in Humanities 51-52 as regards computer needs and in the Delano Writing Center's new space in room LRC 131 as regards workshop and embedded activity needs. The Writing Center's objectives include expanding support programming with
appropriate technology and increasing outreach efforts regarding services, site locations and especially our embedded course CRNs.

By implementing the technology requests listed here, the Writing Center can better serve BC student writers. Our Athletics Study Hall program is growing in success. At the end of fall 2022 we had 118 athletes completing an average of 2 hours per week of study hall. Now, in only week 8 of fall 2023, we have 351 athletes completing an average of 4 hours per week of study hall, which averages 1,050 hours per week of student participation. This data does not even include the other students we serve, so our utilization and headcount are even higher. Unfortunately, Humanities 51-52 only has 26 PCs whereas the room's capacity is 75 people. While many students do qualify for laptops through financial aid, not all do. We often have students tell us they do not have financial aid or a laptop. Additionally, we have a close, intentional connection to the English department. We allow their faculty to book H-52 when they need a computer lab for timed writing or research activities in-class. However, with participation swelling in the Writing Center, we are unable to book English classes in our lab at this time.

With a 2 laptops carts with 30 units each, we could support both study hall students in the lab and students in English classes who need to produce research or writing in class before their Writing Center appointments. This would meet our objective to expand support through technology use. This is evident in the data analysis done by Athletics that showed that with just 2 hours of study hall in the Writing Center per week, athlete grades rose overall by 3.9% in the 2022-23 academic year. Recent data from IR also showed that students in ENGL B1a and ENGL B1aL who utilize the Writing Center have, on average, a slightly higher grade in their course and do persist through the course more often

than their counterparts who do not. Therefore, allocating more technology to connect more students in targets classes and cohorts with the Writing Center can increase both success and retention in writing intensive classes like English, history and communication while also encouraging persistence.

The Delano Writing Center was relocated this fall 2023 to the new Learning Resource Center building. Unfortunately, it lacks the appropriate technology to support in-person workshops and embedded Writing Center tutoring activities. There is no LED TV or projector set up in our lab. It also appears that it might be difficult to install a projector in that space that each student can easily view, whereas installing LED TVs on two walls would ensure each student would have a view of the content each activity. Until this deficit is addresses, we cannot offer in-center programming in Delano that is something we have always intended to do. We embed a professional writing tutor in 3 ENGL B1a or ENGL B1aL CRNs each term, so up to 78 students per semester lack access in Delano to the same instructional support they would receive at main campus or BCSW.

To keep up with the demand for Zoom appointments across all three site locations, the Writing Center needs 15 pairs of replacement Zoom headsets for our professional expert tutors and line of sight faculty, all of whom work with or observe sessions on Zoom.

The main campus Writing Center in Humanities 51-52 is requesting a large LED TV to install on the exterior north wall of H-51. It would be protected by the exterior locking doors of Humanities during non-business hours. We want to use the TV to announce hours or changes in hours due to

short staffing, to announce when drop-ins are available, to introduce students to their Writing Center team, and to advertise the CRNs for which we will provide an embedded tutor for the semester (during registration season). We would also work with the other departments in the building to help them advertise events, CRNs that need to fill, or other important information for the ACH pathway. Humanities is where these courses are taught and where the Writing Center is located. Our office is next to an exit, so it is a high traffic area and multitudes of students would walk past this TV everyday and see important information.

Identify and explain needed technology resources (such as computers, projectors, LED TV's and audio visual equipment) for your program that could further enhance student success. **Please prioritize from most to least important and indicate how this request is tied to your planning.**
You may have more than one request:

What are the consequences of not fulfilling this technology request?

Without the laptop carts, we cannot provide the most effective study space and support for our Athletics Study Hall program nor meet the needs of the expanding number of students participating in it. Athletes study in the Writing Center because it is the place that can help them. However, this becomes almost impossible when we don't have enough computers for the entire room. English students lost H-52 as an instructional computer lab when it was turned into the Writing Center. It is important to ensure English students still have computer access and create more intentional connections between the English classroom and Writing Center as its support. The inability to meet the English department's need to book H-52 as a computer lab at this time negatively impacts both these goals and English

students.

Without the LED TVs in Delano, we cannot scale our embedded and in-center supports to match what is available at main campus and BCSW. Without the TVs, our program is out of alignment with the 2024 ACCDJ accreditation standard 2.7 as it regards equity for our rural population because rural students deserve the same quality of programming as main campus students.

Without the Zoom headset replacements, we will continue to have technical issues that often impact our ability to effectively serve appointments on Zoom with students. When headphones break and we need to find a workaround, it eats into the precious 30 minute session we get with the student. This can negatively impact their success it the classroom due to a simple technical issue.

Without the TV for main campus, we will persist in having issues communicating information more effectively to students. We will also have a harder time assisting the ACH pathway with its persistence work because our service is a large part of student persistence as is our embedded pilot program.

Is there anything else you'd like the committee to consider?

The TV for main campus would be utilized by multiple pathways and departments as well as the Writing Center. There is already an outlet there where it can be plugged in.

The Writing Center has no funding of its own. All requests for resources are submitted to VP Valdez for consideration for a

categorical expenditure. These funds are hard to come by and often not available. The Writing Center has never had the opportunity to author its own program review before. However, it is important for this program to start advocating for its resources through the program review process.