

YEARLY PLANNING DISCUSSION TEMPLATE

General Questions

Program Name Sound Technology. Academic Year 2022-23

1. Has your program mission or primary function changed in the last year?

We have moved into our new building and are using our music lab in multiple courses not typically associated with such a space. Outside of sound technology, we are implementing music technology into music theory and music history. Our mission is the same, we are just adapting to using technology in more of our music department courses.

2. Were there any noteworthy changes to the program over the past year? (eg, new courses, degrees, certificates, articulation agreements)

No. The Sound Technology certificate has remained the same. When I inquired about ordering the courses with prerequisites, I was advised to leave them open, so as not to limit enrollment in any way. I have developed outlines for degrees and certificates outlined in the curriculum SPOL.

Learning Outcomes Assessment

- a. Please summarize key results from this year's assessment.

Our program was given positive feedback regarding our focus on audio employment opportunities outside of just record production. We need to add more classes for skills like sound for video games, VR and other sonically engaging entertainment technology. We also need to pay close attention to how AI will impact our industry and how we will adapt to those evolutionary changes.

- b. Please summarize your reflections, analysis, and interpretation of the learning outcome assessment and data.

Our sound technology department is doing a lot of positive things to increase accessibility to technology, especially socio-economically challenged students. However, we will need to update our curriculum very responsively now that new technology is released at such a rapid pace. We will essentially need to "keep up" with our industry. This will be challenging as things move faster than course development.

- c. Please summarize recommendations and/or accolades that were made within the program/department.

We believe that we should have new professors capable of teaching classes that are becoming more and more in-demand with the evolution of sound for video games, apps, VR, and other media formats that will come with new technology.

- d. Please review and attach any changes to planning documentation, including PLO rubrics, associations, and cycles planning.

3. Is your two-year program map in place and were there any challenges maintaining the planned schedule?

Yes. We would also like to add additional one- and two-year certificates, and an associates degree that requires both traditional music courses and the sound technology program as a sort of “hybrid” program.

4. Were there any staffing changes?

No. We have the same two tenured professors and the same part time instructors.

5. What were your program successes in your area of focus last year?

Our students are being recognized by local music establishments. We received the following email below:

“Hi Chris,

I hope this message finds you well. I was wondering if you had any other students who might be interested in teaching at the store, particularly keyboards. Our lessons department is consistently growing and we're anticipating higher demand for lessons after the holidays. If there's anybody you'd recommend, even for other instruments like guitar, I'd be very interested in talking to them.

Thanks in advance!

Best,

Jeffrey Riggs Guitar Center - Store Manager, Santa Maria | He/Him”

CTE two-year review of labor market data and pre-requisite review

6. Does the program meet documented labor market demand?

Our Sound Technology program covers various professional skills associated with the industry so that they are not limited to one of several avenues of employment opportunities. This includes DAW literacy, digital/MIDI composition, sound for film, and recording and mixing live sound and digital/synthesis sequence based music.

7. How does the program address needs that are not met by similar programs?

Our production backpacks available for checkout for mobile recording work are a very nice addition to our curriculum. Students are not limited to time in the physical studio. This is done at very expensive audio schools.

8. Does the employment, completion, and success data of students indicate program effectiveness and vitality? Please, explain.

I have maintained contact with several students over the years, and many of them are working in what is described as the "gig economy." Several of our students have been placed at local music stores for private lessons.

9. Has the program met the Title 5 requirements to review course prerequisites, and advisories within the prescribed cycle of every 2 year for CTE programs and every 5 years for all others?

I believe so. I'm sure to have attended several meetings to meet CTE requirements and/or meet with industry professionals.

10. Have recommendations from the previous report been addressed?

We are steadily and consistently upgrading our technology for our recording studio, our keyboard/midi lab, and our mobile production backpacks. We are still accruing more equipment, but many of our recommendations have been met in a timely fashion.

Area of Focus Discussion Template

CURRICULUM AND TEACHING DESIGN

Curriculum and Teaching Design analyzes currency of modalities, articulation, and industry needs. It includes content review, currency and relevance, accessibility, and equitable practices. Sample activities include the following:

Possible topics:

- Review courses and programs through an equity lens to assess access and success.
- Review prerequisites, corequisites, and advisories, and limitations on enrollment, modality, articulation and transfer, and units and time to completion. Is there disproportionate impact within certain demographic groups?
- Assess teaching practices, equipment, supplies, and materials, and technology (like homework, syllabus, text, videos, classroom technology, etc.)
- Assess and integrate program learning outcomes (PLO).

1. What data were analyzed and what were the main conclusions?

Other California community colleges were researched and analyzed to compare our sound technology program with similar programs throughout the state.

2. Based on the data analysis and looking through a lens of equity, what do you perceive as *challenges* with student success or access in your area of focus?

We have several students who enter our program having never used a computer, laptop and/or MacOS. We should have more laptops accessible so that students can learn basic computer literacy through practice and course assignments.

3. What are your plans for change or *innovation*?

I would like to upgrade our studio with a large professional mixing console. I would like to have enough laptops so that all of my music technology student can check one out. Right now we only have enough for half of our classes. I would also like to add professional mastering plugins and wave editing software to all of our laptops and desktop computers in our music lab.

4. How will you *measure* the results of your plans to determine if they are successful?

My classes start off full every semester, with a long wait list, but still almost half of the class doesn't finish. I would like to try to give them more access to professional technology and

software so that we can have more lessons and longer studio sessions. I plan to compare my attendance and completion rates from years before and after these upgrades.

5. What practices are used in your program's DE courses that support or demonstrate regular and substantive interaction?

N/A

Validation for Program Planning Process: If you have chosen to do the Validation this year, please explain your process and the findings.

1. Who have you identified to validate your findings? (Could include Guided Pathway Success Teams, Advisory Committee Members, related faculty, industry partners or higher education partners)

Our fine arts advisory committee and a local industry partner have agreed that these changes would help our program.

2. Are there specific recommendations regarding the core topic responses from the validation team?

We would like to offer sound for video games courses in the future. Our advisors suggested that this will be a big part of the future of our industry. This software would be a part of growing our program with these new classes.

Based on the narratives for the prompts above, what are some program planning initiatives and resources needed for the upcoming years? Use the tables below to fill in **NEW** resources and planning initiatives. ***This section is only used if there are new planning initiatives and resources requested.***

New Program Planning Initiative	
Title:	Technological Upgrades for Electronic Music (MUS118) and MIDI (MUS 117) students – Mobile Production/Recording Backpacks
Planning years:	2023-2024
Description:	
Feedback from current music students suggests that they are more interested in taking (and completing) a course with more hands-on experience. This can be achieved away from the campus studio with mobile recording and production technology. This has already been successfully implemented into other courses.	
Resources:	
Priority Level: Low Medium High Resource Type: Equipment Staff Faculty Supplies and Materials Quantity: 30 Per Item Price: \$2,500 Price with taxes/shipping, etc: \$2,750 Description: Apple Macbook Pro - Apple M2 Pro, 14", 16gb RAM, 1tb SSD	
These are the center piece of our mobile production backpacks. Along with the other items listed below, this is one component of a complete mobile production backpack students can use on their own.	
Resources:	
Priority Level: Low Medium High Resource Type: Equipment Staff Faculty Supplies and Materials Quantity: 30 Per Item Price: \$250 Price with taxes/shipping, etc: \$275 Description: Gator GK-LT25W Rolling Laptop and MIDI Controller Backpack	
This backpack will be used to transport the laptop and the rest of the items in our production backpacks. https://www.sweetwater.com/store/detail/GKLT25W--gator-rigid-foam-backpack-midi-controller-and-laptop-case	
Resources:	
Priority Level: Low Medium High Resource Type: Equipment Staff Faculty Supplies and Materials Quantity: 30 Per Item Price: \$100 Price with taxes/shipping, etc: \$115 Description: Nektar Impact LX25+ 25-key Keyboard Controller	
These controllers are used as the MIDI interface/controller in our production backpacks. https://www.sweetwater.com/store/detail/ImpactLX25P--nektar-impact-lx25-keyboard-controller	

Resources:

Priority Level: Low Medium High

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: 30

Per Item Price: \$70

Price with taxes/shipping, etc: \$80

Description: AKG ARA Dual-pattern USB Condenser Microphone

These microphones will be used to record and capture audio with our production backpacks.

<https://www.sweetwater.com/store/detail/AraUSB--akg-ara-dual-pattern-usb-condenser-microphone>

Resources:

Priority Level: Low Medium High

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: 30

Per Item Price: \$100

Price with taxes/shipping, etc: \$115

Description: Sennheiser HD 280 Pro Closed-Back Studio and Live Monitoring Headphones

These headphones will be used for monitoring work done with our production backpacks.

<https://www.sweetwater.com/store/detail/HD280Pro--sennheiser-hd-280-pro-closed-back-studio-and-live-monitoring-headphones>

New Program Planning Initiative

Title: Upgrade existing production backpacks for MUS115/116

Planning years: 2023-204

Description:

We already have backpacks that our MUS 115/116 use for that course. By adding another microphone and the required accessories, students will have the ability use both condenser and dynamic microphones while learning about how their qualities effect the way that sound is captured and recorded. The CTE panel agreed that sound for film/video games is important to the curriculum. Having two different types of microphones will allow for different possibilities when capturing sounds via field recording. This is a hands on way to learn how to use them properly.

Resources:

Priority Level: Low Medium **High**

Resource Type: **Equipment** Staff Faculty Supplies and Materials

Quantity: 30

Per Item Price: \$100

Price with taxes/shipping, etc: \$115

Description: Shure SM57 Cardioid Dynamic Instrument Microphone

These microphones are considered the industry standard “workhorse” when it comes to dynamic mics. They are the perfect choice for incoming audio students to learn about their properties.

<https://www.sweetwater.com/store/detail/SM57--shure-sm57-cardioid-dynamic-instrument-microphone>

Resources:

Priority Level: Low Medium **High**

Resource Type: **Equipment** Staff Faculty Supplies and Materials

Quantity: 30

Per Item Price: \$17

Price with taxes/shipping, etc: \$25

Description: On-Stage DS7200B Adjustable Desktop Microphone Stand

These stands will be used with the microphones listed above to complete the upgrade.

<https://www.sweetwater.com/store/detail/MicStdDesk--on-stage-stands-ds7200b-adjustable-height-desktop-stand>

Resources:

Priority Level: Low Medium **High**

Resource Type: **Equipment** Staff Faculty Supplies and Materials

Quantity: 30

Per Item Price:

Price with taxes/shipping, etc:

Description: Pro Co EXM-10 Excellines Microphone Cable - 10 foot

These cables will be used the microphones listed above to complete the upgrade.

<https://www.sweetwater.com/store/detail/XLR10--pro-co-exm-10-excellines-microphone-cable-10-foot>

New Program Planning Initiative

Title: Mastering Software for all music department computers

Planning years: 2023-2024

Description:

Sound technology departments at other California community colleges offer courses completely focused on the audio mastering process. Mastering is an important element to both our MUS 115/116 (FILM 120/121) classes, but we are still using our DAW software, and its included stock plugins, to learn about the concepts and processes associated with mastering. The software upgrades below will allow our students to better study how to master audio with proper mastering software.

Resources:

Priority Level: Low Medium **High**

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: 86

Per Item Price: \$250

Price with taxes/shipping, etc: \$250

Description: Steinberg WaveLab Pro 11.2 Mastering Software Suite - Educational Edition

This is wave editing software that is the fundamental program used to master audio.

<https://www.sweetwater.com/store/detail/WaveLabP11Edu--steinberg-steinberg-wavelab-pro-11-mastering-software-suite-educational-edition>

Resources:

Priority Level: Low Medium **High**

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: 86

Per Item Price: \$250

Price with taxes/shipping, etc: \$250

Description: iZotope Ozone 10 Advanced - Academic Version

This software is a suite/bundle of standard mastering tools used with the wave editing software (above) in the form of VST/AU plugins.

<https://www.sweetwater.com/store/detail/Ozone10AdEDU--izotope-ozone-10-advanced-academic-version>

Resources:

Priority Level: Low Medium **High**

Resource Type: Equipment Staff Faculty Supplies and Materials

Quantity: 86

Per Item Price: \$1000

Price with taxes/shipping, etc: \$1000

Description: UAD Diamond Edition – VST/AU plugin bundle

These plugins are considered the best versions of any analog emulation in the recording industry. This package will not only be used with the software above, as it can also be accessed with the Logic Pro DAW software that we currently use.

<https://www.uaudio.com/uad-plugins/plugin-in-bundles/uad-diamond-edition.html>

New Program Planning Initiative	
Title:	Installation of new mixing console
Planning years:	2023-24
Description:	
<p>The addition of this console will upgrade our recording studio to the same professional standards as those in Cal State sound technology programs. This mixer will allow us to expand our recording and mixing capabilities. With 48 insert points throughout the new fine arts building, by adding this mixer, with 32 preamp inputs, to our 16 outboard preamps, we can live track all 48 channels simultaneously in the control room. We also have a new audio interface with 32 ins/outs, so this mixer will allow us to use our recording interface to its fullest potential. With this setup, our students will be able to record and mix sessions as large as 64 channels. Each track also has its on EQ strip, and right now, we only have two EQs total in our studio. The addition of EQs on each channel will drastically change how detailed we can mix live and recorded signals.</p>	
Resources:	
<p>Priority Level: Low Medium <u>High</u> Resource Type: Equipment Staff Faculty Supplies and Materials Quantity: 1 Per Item Price: \$55,000 Price with taxes/shipping, etc: \$60,000 Description: Solid State Logic Origin 32-channel Analog Studio Console</p>	
<p>The console will be integrated into instruction by allowing our recording sessions to be larger, with more performers, and more microphones that will require more intensive session planning and isolation/baffling/placement techniques. Our new control room classroom will have a console that allows for demonstrations to be more visible from all points in the room. Also, this console will allow several students to sit at the main station at one time. As we must rotate student in and out of the main chair so that everyone gets a turn in the main chair, this will allow more people to participate in the session, and for students to work collaboratively in a space where they can fit. The addition of EQs will allow them to do much more “out of the box” mixing and will allow for the use of more hardware, as opposed to software. This is important to our program, as we don’t want students to only be familiar with emulators of conventional recording equipment.</p> <p>https://www.sweetwater.com/store/detail/OriginSSL--solid-state-logic-origin-analog-studio-console</p>	

Program Review Signature Page:

Christopher L Diaz
Christopher L Diaz (May 31, 2023 21:28 PDT)

Program Review Lead

May 31, 2023

Date

Rick Fautz

Program Dean

Jun 1, 2023

Date

[Signature]

Vice President, Academic Affairs

Jul 20, 2023

Date









F2022-S2023 SOUND TECHNOLOGY Yearly Planning Update and Curriculum and Teaching Design Discussion 5.31.23


Final Audit Report

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