

Pilot Course Proposal

Submitted by Kieran Hunter

Building: Lindbergh High School

Proposed Course Title: Bellevue College in the High School Music 156 Audio Engineering and Production 1

Grade Level: 9-12

Department: Music / CTE

PLEASE ATTACH THE FOLLOWING:

Description of course content and how this course will meet current needs not being met by other courses. Description must also include the needs assessment data.

- Specifically, what will the student know and be able to do as a result of this course?

This course will provide an introduction to the field of audio engineering wherein students are able to earn Fine Arts Credit for High School and/or Elective Credits from Bellevue College. Class instructions will include use of professional online studio equipment, using microphones (including proper use for best recording), learning acoustic and electronic instruments, developing musicianship and listening skills, and using a Digital Audio Workstations (DAW).

Detailed Course Outcomes

- Understand and define basic studio terminology.
- Develop musical communication skills.
- Understand and apply fundamental rhythm skills & concepts
- Start up and configure a Digital Audio Workstation (DAW) Session.
- Explore fundamental music mixing techniques in a DAW, including how to route digital signals, use standard effects plugins, etc.
- Study and develop fundamental recording skills: vocals, drums, percussion, bass, guitars, piano & keyboards.
- Be able to differentiate between the different types of microphones used for recording purposes.
- Recognize, identify and properly utilize equipment used in a recording studio.
- Begin to develop critical listening skills when using digital audio tools
- Import and export audio files.
- Create audio clips (samples) and edit various types of tracks.
- Learn and demonstrate how to record MIDI, convert it into audio and assign MIDI data to be played by assorted virtual instruments.
- Demonstrate how to effectively edit audio and MIDI data.

Upon completion of this course students will be able to meet the following Washington State Music K-12 Learning Standards:

- **Performance Standard (MU:Cr1.1.T.III)**
 - *Generate melodic, rhythmic, and harmonic ideas for compositions and improvisations that incorporate digital tools, resources, and systems.*
- **Performance Standard (MU:Cr2.1.T.III)**
 - *Select, develop, and organize multiple melodic, rhythmic, and harmonic ideas to develop into a larger work that exhibits unity, variety, complexity, and coherence using digital and analog tools, resources, and systems.*
- **Performance Standard (MU:Cr3.1.T.III)**
 - *Develop and implement varied strategies and apply appropriate criteria to improve and refine the technical and expressive aspects of draft compositions and improvisations.*

- **Performance Standard (MU:Cr3.2.T.II)**
 - *Share compositions and improvisations that demonstrate an accomplished level of musical and technological craftsmanship as well as the use of digital and analog tools and resources in developing and organizing musical ideas.*
- **Performance Standard (MU:Re9.1.T.II)**
 - *Apply criteria to evaluate music based on analysis, interpretation, artistic intent, digital, electronic, and analog features, and musical qualities.*
- **Performance Standard (MU:Cn10.1.T.II)**
 - *Demonstrate how interests, knowledge and skills relate to personal choices and intent when creating, performing, and responding to music.*
- **Performance Standard (MU:Cn11.1.T.II)**
 - *Demonstrate understanding of relationships between music and the other arts, other disciplines, varied contexts, and daily life.*

What are the assessments that will be used to determine student achievement of the goals of this course?

Progressive performance check-ins on skills (demonstration of digital competency)
 Scaffolded projects to demonstrate mastery of concepts
 Midterm prepared project
 Final prepared project
 Daily engagement and practice of skills

Describe how this course will address:

- **Alignment with Common Core State Standards (CCSS) and/or WA State Essential Academic Learning Requirements (EALRs)**
 This course meets many of the Washington State K-12 Music Technology and Composition & Theory standards for high school.
- **Integration of technology**
 This course would primarily use a Digital Audio Workstation, preferably ProTools or BandLab. This course would also integrate recording equipment and a variety of instruments
- **Infusion of diversity/multicultural perspectives**
 Music has the capacity to include musicians, composers and students of all backgrounds.
- **Integration with other subject areas**
 This class combines excellently with Band, Choir and Orchestra as it expands upon students' music education as we learn how to record, mix, and master different types of music and musical performance genres.
- **Provision of appropriate experiences for learners of varying abilities**
 Students are able to find success at the pace which suites their mastery of the material. Our English Language learners are also able to access the materials as the software used has varying accommodations to make it accessible for people of many language and cultural backgrounds.
- **Development of higher level thinking and processing skills**
 This course will help promote higher level thinking and processing skills by developing creativity, systems thinking, technical problem-solving, and real-time decision-making in our students.
- **Articulation of scope and sequences across grades K-12. Will this course replace an existing curriculum? If so, which course?**
 This course will not replace any existing course at Lindbergh. It will be offered as College in the High School through Bellevue College and as .5 Fine Arts credit required for high school graduation
- **Current Scope and Sequence**
 Students will be able to take 1-2 Trimesters of Audio Engineering. Within each trimester, students will develop skills and understanding of instructional materials, at their best pace, with instructor guidance.

Statement of impact:

.5 Fine Arts /CTE Credit per trimester

2 Bellevue Credits

Instructional materials and cost (include titles, names of publishers and copyright).

DAW Software - Either BandLab (free) or Pro Tools

SIGN-OFF FOR PILOT COURSE RECOMMENDATION

	<u>Signature</u>	<u>Date</u>
1. Department Head (Secondary) Accepts ☐ Rejects ☐		
2. Principal Accepts ☐ Rejects ☐		
3. District Content Facilitator Accepts ☐ Rejects ☐		
4. Curriculum Director Accepts ☐ Rejects ☐		

Return original to the Director of Curriculum and Instruction. Copies to Principal and Course Originator.