Course Title: Music Production and Recording Arts  
Date Written/Revised: 02/2013

CBEDS Title: CBEDS#

Job Title(s): Composer, Sound Mixer, Recording Engineer/Producer, Record Executive

Prerequisites: None

Course Description:
Music Technology will introduce students to the uses, concepts, techniques, and terminology of computing through music applications. The students will gain experience with current hardware and software for music sequencing, synthesis, and music performance practice. This year long course is also designed as an introduction to music fundamentals, notation, and theory through music technology such as MIDI and digital recording. Students will also be learning basic business practices used in the music industry.

UC Visual and Performing Arts State Content Standards addressed in this course outline:

1.0 Artistic Perception  
2.0 Creative Expression  
3.0 Historical and Cultural Context  
4.0 Aesthetic Valuing  
5.0 Connection, Relations, Applications

CLASS HOURS  COURSE OUTLINE
Upon completion of this course, the student will be able to perform the competencies stated below.

8  1.0 INTRODUCTION AND ORIENTATION
• Demonstrate an understanding of course requirements and student expectations
• Demonstrate comprehension of music as a means for communication and creative expression (2.0)
• Identify and discuss music’s use and impact in society (3.0,5.0)
• Demonstrate awareness of industry standards, music technology career opportunities, and educational pathways (5.0)
• Demonstrate an understanding of music terminology – technical and aesthetic (1.0)
• Demonstrate an understanding of ethics, privacy, ownership, appropriateness, and copyright laws related to music use.

35  2.0 HISTORY OF INNOVATION AND CREATIVITY IN MUSIC TECHNOLOGY (3.1-3.3)
• Identify and compare the five historical periods of music technology evolution
• Provide examples of the impact of technology on music, composition, and the music industry
• Summarize the impact of significant contributors to the field
• Describe the cultural impact of music in each period

30  3.0 MUSIC THEORY AND COMPOSITION (1.1-1.6)
• Analyze and describe musical intervals, scales, modes and chord progressions
• Transcribe songs utilizing notation software
• Interpret and evaluate songs for rhythm, harmony, pitch, texture, and tempo
### 4.0 INSTRUMENTAL TECHNIQUES (2.4-2.5)
- Understand and demonstrate basic techniques of musical expression utilizing keyboards, electric guitars, and electronic percussion instruments
- Apply technical proficiency in digital media in order to create scores, podcasts, and other audio projects that represent various genres, styles, and cultures

### 5.0 LISTENING AND COMPOSING (2.6-2.10; 3.4-3.5)
- Demonstrate proficiency in the use of acoustic and electronic instruments
- Interpret and respond to elements in musical compositions, past and present
- Analyze your personal style

### 6.0 RECORDING, SYNTHESIS, AND SOUND DESIGN TECHNIQUES (2.6-2.7)
- Demonstrate an understanding of recording, producing, mixing techniques
- Apply technical skills in the use of plug-ins and MIDI
- Enter music via MIDI into a computer and create an innovative score
- Evaluate ways in which a chosen performing artist has used sequencing, sampling and sound processing

### 7.0 EVALUATION OF THE CREATIVE PROCESS (4.1-4.2)
- Improvise, compose and arrange a repertoire that represents various genres
- Develop criteria and evaluate musical performances and arrangements

### 8.0 SOUND REINFORCEMENT (2.6-2.7)
- Explain the configuration of a sound system
- Design appropriate sound effects to reflect mood
- Understand the science of sound including its production, transmission and effects

### 9.0 PERFORMANCE MANAGEMENT (5.2)
- Use exemplary musical performances to develop musical selections
- Manage try-outs, schedules, rehearsals, evaluations, and technical components of pre-production
- Apply the principles of musical composition, arrangement, and improvisation as well as technical skills to produce and perform musical selections

### 10.0 PORTFOLIO DEVELOPMENT (5.0)
- Create a personalized musical expression in digital format
- Assemble musical compositions, written documents, and supportive materials
- Reveal evidence of learning in music technology including knowledge of content, processes, art skills, values, attitudes, and interests

### 11.0 EMPLOYMENT LITERACY (5.0-5.3)
- Identify available positions in the industry through the use of the newspaper, networking or the Internet
- Complete an application form correctly
- Prepare a written resume
- Participate in a simulated employment interview
| 3 | 12.0 PERSONAL SKILLS RELATED TO EMPLOYMENT |
|   | • Be prompt, attend class regularly, and follow absence notification procedures |
|   | • Develop and maintain acceptable working relations. |
|   | • Manage time wisely. |
|   | • Maintain a positive and cooperative attitude |
|   | • Demonstrate values of honesty and integrity |
|   | • Respect others |
|   | • Dress in a professional manner according to industry standards |
|   | • Use appropriate personal hygiene/grooming |
|   | • Demonstrate responsibility by exerting a high level of effort and working toward a goal |

| 3 | 13.0 INTERPERSONAL SKILLS AND GROUP DYNAMICS |
|   | • Demonstrate the ability to work as a member of a team |
|   | • Demonstrate leadership skills by working independently, making appropriate decisions, working well with others, and accepting constructive criticism |
|   | • Demonstrate the ability to accept and work with individuals from various cultures |

| 3 | 14.0 THINKING AND PROBLEM SOLVING SKILLS |
|   | • Utilize problem solving techniques |
|   | • Understand logical reasoning |
|   | • Demonstrate creative thinking |
|   | • Discuss decision-making |
|   | • Demonstrate the ability to interpret information correctly |

| 3 | 15.0 COMMUNICATION SKILLS |
|   | • Demonstrate effective verbal and written skills |
|   | • Read technical journals, and write technical reports using appropriate terminology |
|   | • Listen attentively, follow directions, and relay directions to others |
|   | • Demonstrate ability to research and retrieve information |