Syllabus for
MUS 105--Introduction to Music Production
1 Credit hour
Summer 2017

I.   COURSE DESCRIPTION

A survey of concepts, equipment, software and techniques associated with the contemporary music recording studio. Includes basic aspects of digital audio editing, music notation software and Digital Audio Workstation (DAW) software, including traditional MIDI. The course also covers the basics of working with microphones, audio speakers and mixing consoles.
Lab Fee: $55

II.   COURSE GOALS

This course is designed to enable the student to do the following:

A.   Learn how to effectively communicate with others in the music field on subjects relating to music production.
        1.   Know the vocabulary.
        2.   Be familiar with base general concepts on which music production is built.

B.   Recognize the roles of technology in modern music, regardless of musical genre.
        1.   Reshaping how music is created.
        2.   Reshaping how music is produced.
        3.   Reshaping how music is distributed.

C.   Get hands-on experience with the tools used in music production.
        1.   MIDI
        2.   Basic audio concepts
        3.   Digital audio editing
        4.   Sheet music notation software

D.   Learn the trends and directions in technology and explain how these changes are affecting personal ambitions of musicians and producers in the music industry.

III.   STUDENT LEARNING OUTCOMES FOR THIS COURSE

A.   Terminal Objectives
        As a result of successfully completing this course, the student will be able to demonstrate the following:
        1.   Converse intelligently on the subject of music production by possessing basic vocabulary associated with recent and legacy technologies.
        2.   Discuss how technology is impacting the careers of people in the music industry.

B.   Unit Objectives
        As a result of successfully completing each unit, the student will be able to do the following:
        1.   Unit I: Overview, History, Computer Music Notation
                Demonstrate an understanding and the skills involved with basic computer sheet music notation

2.   Unit II: Digital Audio Editing Basics
Demonstrate an understanding and the skills involved with basic digital audio editing

3.   Unit III: Continued Digital Audio Editing, Recording Basics
Demonstrate an understanding and the skills involved with basic digital audio recording

4.   Unit IV: Audio Workstation Basics
Demonstrate an understanding and the skills involved with basic audio workstation operation, including the combination of MIDI and digital audio technologies

C.   Objectives for Students in Teacher Preparation Programs
The Teacher Preparation Program meets the competency-based requirements established by the Oklahoma Commission on Teacher Preparation. This course meets the following competencies: General Competency #6 and Subject Competency #18 Instrumental/General and #19 Vocal/General

This course is designed to help students meet subject competencies:
1. how to recognize, describe, and apply technological developments that affect personal interests in music. (Gen. Comp. 6)
2. ways that new technology is changing the way music is composed, performed, and stored. (Gen. Comp. 6, Subj. Comp. 18 & 19)
3. where and how to find answers to specific problems that can be solved by the efficient use of technological tools. (Gen. Comp. 6)
4. how to design and operate a basic MIDI studio that will allow the musician to apply technology to specific needs and problems. (Gen. Comp. 6, Subj. Comp. 18)
5. the technical information to produce original music via technology. (Gen. Comp. 6, Subj. Comp. 18 & 19)
6. to integrate most components found in music production systems that allow the flow of data for storage and editing. (Gen. Comp. 6)
7. basic vocabulary associated with the new technology. (Gen. Comp. 6)
8. how to use music files downloaded from internet music pages. (Gen. Comp. 6, Subj. Comp. 18 & 19)
9. basic uses and specific designs for audio recording and sound reinforcement. (Subj. Comp. 18 & 19)
10. The Teacher Candidate will be able to demonstrate the following:
   a. successfully complete written exams about various aspects of music technology. (Gen. and Subj. Comp.)
   b. work with equipment and the concepts involved doing lab assignments. (Gen. and Subj. Comp.)
   c. produce a final project involving some personal manipulation of the elements of music technology. Evaluation will be made by the instructor, with self-evaluation by the Teacher Candidate. (Gen. and Subj. Comp.)
11. Required/Recommended WPA artifact(s) include the following:
   A record of the personal project and the results of the evaluation OR professional product created while acting as producer, first, or second engineer.

IV. TEXTBOOKS
    A. Required Materials
        1. Textbooks
            Menasche, E. *(2007). Home Studio Clinic: A Musician's Guide to Professional Recording,* Milwaukee, WI:Hal Leonard Music Pro Guides ISBN: 978-1423418078.

        2. Other
            A personal USB thumb drive (minimum 2G capacity)
            Five (5) blank Digital Audio (or Consumer Audio) CDs

    B. Optional Materials
        1. Textbooks
        2. Other
            Future Music Magazine
            Computer Music Magazine
            Post Magazine
            Mac World Magazine
            MIX Magazine

V. POLICIES AND PROCEDURES
    A. University Policies and Procedures
        1. Attendance at each class or laboratory is mandatory at Oral Roberts University. Excessive absences can reduce a student's grade or deny credit for the course.
        2. Students taking a late exam because of an unauthorized absence are charged a late exam fee.
        3. Students and faculty at Oral Roberts University must adhere to all laws addressing the ethical use of others' materials, whether it is in the form of print, electronic, video, multimedia, or computer software. Plagiarism and other forms of cheating involve both lying and stealing and are violations of ORU's Honor Code: "I will not cheat or plagiarize; I will do my own academic work and will not inappropriately collaborate with other students on assignments." Plagiarism is usually defined as copying someone else's ideas, words, or sentence structure and submitting them as one's own. Other forms of academic dishonesty include (but are not limited to) the following:
            a. Submitting another's work as one's own or colluding with someone else and submitting that work as though it were his or hers;
            b. Failing to meet group assignment or project requirements while claiming to have done so;
            c. Failing to cite sources used in a paper;
            d. Creating results for experiments, observations, interviews, or projects that were not done;
            e. Receiving or giving unauthorized help on assignments.
            By submitting an assignment in any form, the student gives permission for the assignment to be checked for plagiarism, either by submitting the work for electronic verification or by other means. Penalties for any of the above infractions may result in disciplinary action including failing the assignment or failing the course or expulsion from the University, as determined by department and University guidelines.

4.   Final exams cannot be given before their scheduled times. Students need to check the final exam schedule before planning return flights or other events at the end of the semester.

5.   Students are to be in compliance with university, school, and departmental policies regarding Whole Person Assessment requirements. Students should consult the WPA handbooks for requirements regarding general education and the students' majors.

    a.   The penalty for not submitting electronically or for incorrectly submitting an artifact is a zero for that assignment.

    b.   By submitting an assignment, the student gives permission for the assignment to be assessed electronically.

B.   Department Policies and Procedures-See Music Department Student Handbook

C.   Course Policies and Procedures
1.   Evaluation Procedures
    a.   Evaluation/Assessment of Competencies

- Quizzes / Tests   30%
- Notation Project   10%
- Recording Projects   60%

    b.   Grading scale

- 90% = A
- 80% = B
- 70% = C
- 60% = D

    c.   Extra Credit
Extra Credit may be granted, at the instructor's discretion, to any student **with perfect attendance**. No more than 7% will be granted in any circumstances.

2.   Whole Person Assessment Requirements
    a   Finale – Printed notation (Ties, rests, key signature, tempo, dynamics, title, repeat and end bar markings are required.)
    b   Audacity – basic editing project, per in-class guidelines
    a.   Mixing – Audio recording to CD (3 part with EFX.)

3.   Other Policies and/or Procedures
    a.   Makeup Exams: If any scheduled exam/practicum is missed for any reason, it cannot be made up unless the instructor is notified in advance. Emergencies are the only exception to this rule and will be handled as excused absences. Makeup exams may be oral in nature and may be more detailed than the original exam.
    b.   Late Assignments: Late work immediately loses 20% of its value and continues to depreciate 10% for every additional week. Assignments late due to an excused absence must be turned in before class time on the date due. If the absence was unanticipated and deemed excused, then the assignment is due before noon on the next day or first day of the student's return to classes.
    c.   Office Hours and Lab Help: The professor will be available for consultation during regular office hours. Lab attendants will be available to assist students in the evenings. Neither the professor nor the lab attendants should be considered tutors and will not teach material covered in missed class lectures.

V.   COURSE CALENDAR

Week1 – Prelims
• Class web site, textbook, teacher info
• Policies (screens, missed days)
• *Maximizing Your Own Computer*

Week 2 – More Prelims
• Reading – Chapter 1-2
• Assignment 1 due by end of week
• Finale Basics + Finale Project assigned

Week 3 – Finale Notepad & Project
• *History of Electronic Music*
• Introduction to Audacity software
• Finale project due by end of week (via Dropbox)
• Vocabulary Quiz 1
• Review for Test 1

Week 4 – Digital Editing
• *iTunes Basics*
• Audacity tips + burning CDs
• Test 1

Week 5
• Audacity Project due
• Reading - Chapter 4
• Goals paper assigned

Week 6 – Recording Basics
• *History of Audio and Recording*
• Reading - Chapter 8
• Signal flow, microphones, guitars

Week 7 – Multitrack Recording
• Goals paper due
• Live audio basics (Reading - Chapters 12 - 13)

Week 8
• Vocabulary Quiz 2
• Using loops, Part 1 (simple audio)
• Review for Test 2

Week 9
• Test 2
• Media options (Facebook, iTunes, etc.)

Week10 – The Workstation
• Garageband, MIDI
• Using loops, Part 2 (Apple Loops, MIDI Loops)
• Reading - Chapters 3 and 14
• *A Brief History of Workstations*

Week 11
• Interfaces, Controllers & Plug ins
• Importing/exporting tracks (audio & MIDI)
• Reading Chapter 6
• Vocabulary Quiz 3

Week 12 – MIDI & Audio (Final Projects)
• Garageband project due (MIDI + audio)
• More live audio
• Introductions with energyXT software

Week 13 – Apple Options
• Test 3 (MIDI + Vocab)
• Apple Loops Utility

Week 14 – Alternate Workstations
• Options for iPad, iPhone, etc.
• Discussing Final Project items. (see below)
• Assisting with questions, projects

Week 15 – Wrapping Up
• Prep for Final Exam
• Final Projects due (Garageband or approved DAW)
• Student Opinion Surveys

Final Exam – schedule TBA

Note 1: Italicized items on this page denote class lectures, which consist of handouts, slideshows and web links.

Note 2: Students have the option of either taking the Final Exam or turning in a Final Project, which can count as the Final Exam.

Note 3: For all late turn ins, 10% of the grade is automatically deducted.

Course Inventory for ORU's Student Learning Outcomes

Introduction to Music Production MUS 105
Fall 2016

This course contributes to the ORU student learning outcomes as indicated below:
Significant Contribution – Addresses the outcome directly and includes targeted assessment.
Moderate Contribution – Addresses the outcome directly or indirectly and includes some assessment.
Minimal Contribution – Addresses the outcome indirectly and includes little or no assessment.
No Contribution – Does not address the outcome.

The Student Learning Glossary at http://ir.oru.edu/doc/glossary.pdf defines each outcome and each of the proficiencies/capacities.

	OUTCOMES & Proficiencies/Capacities	Significant Contribution	Moderate Contribution	Minimal Contribution	No Contribution
1	**Outcome #1 – Spiritually Alive** Proficiencies/Capacities				
1A	Biblical knowledge				X
1B	Sensitivity to the Holy Spirit			X	
1C	Evangelistic capability		X		
1D	Ethical behavior		X		
2	**Outcome #2 – Intellectually Alert** Proficiencies/Capacities				
2A	Critical thinking	X			
2B	Information literacy	X			
2C	Global & historical perspectives		X		
2D	Aesthetic appreciation	X			
2E	Intellectual creativity		X		
3	**Outcome #3 – Physically Disciplined** Proficiencies/Capacities				
3A	Healthy lifestyle				X
3B	Physically disciplined lifestyle			X	
4	**Outcome #4 – Socially Adept** Proficiencies/Capacities				
4A	Communication skills		X		
4B	Interpersonal skills		X		
4C	Appreciation of cultural & linguistic differences	X			
4D	Responsible citizenship		X		
4E	Leadership capacity	X			