

Syllabus for  
**MUS 313 – Digital Audio Workstation**  
3 Credit hours  
Spring 2017

I. COURSE DESCRIPTION

A course designed to acquaint students with the creative potential of the Digital Audio Workstation as an essential tool in modern recording studios. Includes the use of Mac-based music recording software to create commercially viable musical ideas.

Prerequisites: MUS 105 or equivalent

Lab fee: \$55

II. COURSE GOALS

The purpose of this course is to enable the student to work with original and pre-programmed music which can be edited to meet their individual artistic goals. By understanding the mechanics of Digital Audio Workstations (DAWs), musicians and producers will reduce the time and effort needed to express, edit and store musical thoughts. The student will understand the role of DAWs in today's world of music.

III STUDENT LEARNING OUTCOMES FOR THIS COURSE

A. Terminal Objectives

As a result of successfully completing this course, the student will be able to do the following:

1. Create and play back original music using a sequencer and related equipment.
2. Edit and revise musical material to meet the student's artistic requirements.
3. Discuss and manipulate the basic functions of direct-to-disk digital recording

B. Unit Objectives

As a result of the successfully completing these units, the student will be able to do the following:

1. Unit I  
Explain DAW techniques and associated terminology.
2. Unit II  
Evaluate various software and hardware DAW platforms.
3. Unit III  
Explain editing, automation and MIDI mixing techniques.
4. Unit IV  
Work with digital audio recording at the entry level.
5. Unit V  
Demonstrate MIDI sequencing and digital audio recording integration.

#### IV. TEXTBOOKS AND OTHER LEARNING RESOURCES

##### A. Required Materials

1. Textbooks  
None
2. Other  
None

##### B. Optional Materials

1. Textbooks  
None
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.	Projects	40%
b.	Journals	20%
c.	Quizzes	20%
d.	Homework	20%
  2. Whole Person Assessment Requirements  
There are no WPA requirements for this course.

## VI. COURSE CALENDAR

### Week1

- Prelims
- Class web site, textbook
- Audacity overview
- Media Management handout

### Week 2

- Audio basics + simple interfaces
- Introduce Reason
- MIDI vs. Audio + controllers & options
- Web reading assigned

### Week 3

- Reading = web articles TBA (class site)
- Project 1 assigned
- Loop basics
- Reading Quiz

### Week4

- DAW Project 1 due (Reason)

Week 5

- Logic ProX basics
- Reading – TBA

Week 6

- Audio file management
- Reading - TBA

Week 7

- Synth basics + file management
- MIDI Workshop - Keys, Bass, Guitar • Reading - TBA

Week 8

- Sampling basics + file management
- MIDI Workshop - Drums & percussion
- Reading - TBA

Week 9

- Audio Workshops: Vocals, Solo Instruments & AutoTune
- Reading - TBA

Week 10

- DAW Project 2 due (Logic ProX)

Week 11

- Pro Tools overview
- Reading - TBA

Week12

- More audio options + bigger interfaces
- Audio Workshop - Drums & percussion
- Reading - TBA

Week 13

- MIDI Workshop - Strings, Winds
- Flex audio options
- Reading - TBA

Week 14

- Reading - TBA

Week 15

- DAW Project 3 due (Logic or Reason)

## Course Inventory for ORU's Student Learning Outcomes

### Digital Audio Workstation — MUS 313 Spring 2017

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
<b>1</b>	<b>Outcome #1 – Spiritually Alive</b> Proficiencies/Capacities				
1A	Biblical knowledge				X
1B	Sensitivity to the Holy Spirit				X
1C	Evangelistic capability			X	
1D	Ethical behavior	X			
<b>2</b>	<b>Outcome #2 – Intellectually Alert</b> Proficiencies/Capacities				
2A	Critical thinking	X			
2B	Information literacy	X			
2C	Global & historical perspectives			X	
2D	Aesthetic appreciation	X			
2E	Intellectual creativity	X			
<b>3</b>	<b>Outcome #3 – Physically Disciplined</b> Proficiencies/Capacities				
3A	Healthy lifestyle				X
3B	Physically disciplined lifestyle				X
<b>4</b>	<b>Outcome #4 – Socially Adept</b> 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			