Note:

Course content may be changed, term to term, without notice. The information below is provided as a guide for course selection and is not binding in any form, and should <u>not</u> be used to purchase course materials.

LIBERTY UNIVERSITY.

COURSE SYLLABUS

MUSC 630
PRINCIPLES OF MUSIC TECHNOLOGY

COURSE DESCRIPTION

The study of computer applications in music, including: competencies in the use of notation software, music recording software; sequencing; using loops in live and recording applications; integrating midi and digital audio; capturing, editing, and storing digital audio data; multi and single tracking; VSTs; and sound shaping.

RATIONALE

Music technology presents tremendous opportunities for worship leaders around the globe to capture worship in both live and recording situations. This course will equip worship leadership to produce notated versions of the music they create, arrange, and record, enabling them to train their teams to disseminate the music both locally and globally. Students will learn Finale, which is currently a music industry standard for engraving and skill development for musicians, and is crucial for creating readable and easily manipulated charts for all aspects worship, including praise band, singers, choir, and orchestra.

I. PREREQUISITE
For information regarding prerequisites for this course, please refer to the Academic Course Catalog.

II. REQUIRED RESOURCE PURCHASES
Click on the following link to view the required resource(s) for the term in which you are registered: http://bookstore.mbsdirect.net/liberty.htm

III. ADDITIONAL MATERIALS FOR LEARNING

A.   Computer with basic audio/video output equipment

B.   Internet access (broadband recommended)

C.   Microsoft Office

D.   Online dictionaries. Ex: dictionary.reference.com; merriam-webster.com

E.   CCLI.com, hymnary.org, Lifewayworship.com and/or www.praisecharts.com

F.   Hyphenation: http://juiciobrennan.com/hyphenator/

IV. MEASURABLE LEARNING OUTCOMES

Upon successful completion of this course, the student will be able to:

A.   Assemble multiple aspects of computer applications in music.

B.   Organize musical knowledge while notating, recording, editing, and storing digital data.

C.   Construct typeset music charts at progressively increasing levels using musical and technological skills.

D.   Employ basic digital music notation software.

E.   Demonstrate various applications of midi in real world settings.

V.   COURSE REQUIREMENTS AND ASSIGNMENTS

A.   Textbook readings and lecture presentations/tutorials

B.   Course Requirements Checklist

After reading the Course Syllabus and Student Expectations, the student will complete the related checklist found in Module/Week 1.

C.   Discussion Board Forums (2)

Discussion boards are collaborative learning experiences. Therefore, the student is required to provide a thread in response to the provided prompt for each forum. Each thread must be 250–300 words and demonstrate course-related knowledge. In addition to the thread, the student is required to reply to 2 other classmates' threads. Each reply must be a minimum of 150 words.

D.   Tutorials (9)

The student will use the Reading & Study Tutorial presentations to submit his/her own completed tutorials in Finale format. Each video tutorial presentation will outline the process and provide a template for completing the corresponding tutorial assignment.

E.   Digital Audio Worksheet

The student will research terminology commonly used by worship leaders and complete a provided worksheet to learn more about the technical equipment available to him/her as a worship leader.

F.   Projects (4)

The student will submit 4 projects that will be completed after the specified tutorials are completed: (1) Lead Sheet, (2) Piano Vocal Chart, (3) Praise Band Chart, (4) Full Orchestration. Each project must be completed in Finale format.

G.   Digital Audio Quiz

The quiz will cover the Digital Audio Worksheet in Module/Week 1. The quiz will be open-book/open-notes, contain 20 multiple-choice and true/false questions, and have a 45-minute time limit.

H.   Setup Preferences Quiz

The quiz will cover the Reading & Study presentation material in Module/Week 1. The quiz will be open-book/open-notes, contain 5 multiple-choice or true/false questions, and have a 30-minute time limit.

I.   Midterm Exam

The Midterm Exam will contain 1 question. For this question, students will be given an audio example and will be asked to create a fully-realized Finale chart based on work that has been done up to the midterm. The midterm will consist of 1 question and have a 2-hour time limit.

J.   Final Exam

The Final Exam will contain a written portion as well as a Finale portion. The written portion will be an essay reflection based on the student's findings in the discussion board. For the Finale portion, the student will be given an audio example and will be asked to create a fully realized Finale chart based on work that has been done during the course. The entire exam will have a 2-hour time limit.

VI.   **COURSE GRADING AND POLICIES**

A.   Points

Course Requirements Checklist		10
Discussion Board Forums (1 at 40 pts; 1 at 50 pts)		90
Tutorials (9 at 30 pts ea)		270
Projects (2 at 70 pts ea; 1 at 100 pts; 1 at 150 pts)		390
Digital Audio Quiz		40
Setup Preferences Quiz		10
Midterm Quiz	(Module 4)	100
Final Exam	(Module 8)	100
	Total	1010

B.   Scale

A = 940–1010   A- = 920–939   B+ = 900–919   B = 860–899   B- = 840–859

C+ = 820–839   C = 780–819   C- = 760–779   D+ = 740–759   D = 700–739

D- = 680–699   F = 0–679

C.   Disability Assistance

Students with a documented disability may contact Liberty University Online's Office of Disability Academic Support (ODAS) at LUOODAS@liberty.edu to make arrangements for academic accommodations. Further information can be found at www.liberty.edu/disabilitysupport.

COURSE SCHEDULE

MUSC 630

Textbooks: Finale 2014 Music Notation Software (2014).

MODULE/ WEEK	READING & STUDY	ASSIGNMENTS	POINTS
1	4 presentations	Course Requirements Checklist Class Introductions Tutorial 1a Tutorial 1b Digital Audio Worksheet Digital Audio Quiz Setup Preferences Quiz	10 0 30 30 0 40 10
2	4 presentations	Tutorial 1c Tutorial 2 Project 1: Lead Sheet	30 30 70
3	5 presentations	Tutorial 3 Project 2: Piano Vocal Score	30 70
4	4 presentations	DB Forum 1 Tutorial 4 Midterm Exam	40 30 100
5	6 presentations	Tutorial 5 Project 3: Praise Band Score	30 100
6	4 presentations	DB Forum 2 Tutorial 6	50 30
7	3 presentations	Tutorial 7	30
8	1 presentations	Project 4: Full Orchestration Final Exam	150 100
		TOTAL	1010

DB = Discussion Board
*All presentations are completed using Finale

NOTE: Each course module/week begins on Monday morning at 12:00 a.m. (ET) and ends on Sunday night at 11:59 p.m. (ET). The final module/week ends at 11:59 p.m. (ET) on **Friday**.