

MUWM 5304 Technologies for Worship Ministries

NEW ORLEANS BAPTIST THEOLOGICAL SEMINARY

Division of Church Music Ministries

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MISSION STATEMENT:

- The mission of New Orleans Baptist Theological Seminary is to equip leaders to fulfill the Great Commission and the Great Commandments through the local church and its ministries.

CORE PURPOSE

- The purpose of this course is to carry out the mission of NOBTS as is reflected through the following core values and core competencies:

CORE VALUES:

- *Spiritual Vitality* - The course will encourage the worship leader to appreciate how better organization through the use of technology can strengthen one's ministry to fellow staff members, musicians, and the congregation
- *Characteristic Excellence* - The course will help church musicians become more effective in leading their churches in corporate worship through better organizational tools and technology
- *Servant Leadership* - The course will encourage worship planners to take seriously their role as servant leaders and/or facilitators in designing corporate worship

CORE COMPETENCIES:

- *Servant Leadership* - Students will reflect on their role as servant leaders in facilitating worship in local congregations
- *Interpersonal Skills* - Students will improve their communication abilities as worship leaders in relation to church staff, musicians, and the congregation
- *Worship Leadership* - Students will be challenged in learning to incorporate technology as a worship aid as it applies to the local church

COURSE DESCRIPTION:

This course is designed to give students an overview of recent trends in current and emerging technology as related to church music and worship applications. Areas of investigation can include computer software programs dealing with musical notation, sequencing, and recording, as well as multimedia presentation and church music administration software. Additionally, students will research the technology and maintenance of sound systems, lighting, video projection, acoustics, and traditional keyboard instruments.

STUDENT LEARNING OUTCOMES:

1. The student will acquire knowledge of available music software, video presentation software, and technology used in the church
2. The student will acquire a working knowledge of PowerPoint and ProPresenter projection software
3. The student will become sensitive to the impact of visual/video worship presentations on a congregation
4. The student will become familiar with music ministry software and administrative tools
5. The student will understand the importance of the role of technology in the current and future church
6. The student will be able to differentiate between good and poor church web site design
7. The student will more appreciate the ever-changing nature of working with technology and thereby diminish *technophobia*

COURSE REQUIREMENTS:

- a) Students will be required to register and logon to **Blackboard** (BB) on the NOBTS website for the course syllabus, announcements, submitting questions for weekly quizzes, grading, and general communication.
- b) Students will take in-class **semi-weekly quizzes** on required internet readings. On the day of the quiz, either Tuesday, 8:00 a.m. or Thursday 8:00 a.m., students will put in the BB 2 WORTHY questions (with accompanying **answers and page references**) from the reading. I will then edit and compile your submissions into a weekly quiz which will be administered during class time that day. Multiple choice and True/False questions are encouraged, but discussion, fill-in-the-blank, or essay questions are discouraged due to the 10 minute time limit. You will have 10 minute duration to complete the quiz. If you are late or absent, there are no makeups for quizzes. Please strive to keep the quality and substance of your submitted questions high in order to maximize learning for your efforts.
- c) Each student will be assigned **major topic papers and presentations** on weekly topics. Handouts will be provided to the class. The student will make 30 minute presentations on the topic providing visuals with handouts, projection software, or internet projection. The oral report on this paper and is to be a compilation of broad research on the topic and should be more than just reading projection slides. Do not utilize the class readings as a resource in your presentation. Key resources should be noted in the endnote portion of the paper. Additional internet resources should be presented in the oral reports that are not a primary part of the paper. (CO 1, 3, 5, 6, 7)

Presentation Grading Rubric

Length – approx.30 min. (depending on number of students)	25
Handouts/Visuals/Endnotes	25
PPT/Internet Projection	50
Evidence of Broad Research	25
Oral Presentation	75
	<hr/>
	200

- d) Students will produce a lead sheet and a hymn sheet in Finale music notation software.
(CO 1)

Lead Sheet Grading Rubric

Title, comp/arranger, tempo, express.	10
Melody	10
Staff, key signature, measures, double bar	10
Text alignment	10
Tablature	10
	<hr/> 50

Hymn Sheet Grading Rubric

Title, comp/arranger, tempo, express.	10
Staff, key signature, measures, double bar	10
Voice Parts	10
Text alignment	10
Other	10
	<hr/> 50

- e) The student will complete one topical **full-text print worship guide with accompanying PPT and ProPresenter Project** to be presented in class. Worship topics will be chosen from a short list provided by the professor.

(CO 1, 2)

Printed Order of Worship Grading Rubric

Full text for all song verses, readings,	20
Headings for all service ordinances, activities, etc.	10
Sermon title and scripture reference	10
Congregational responsive scripture or inspirational reading	10
Left justification, page formatting and layout	10
	<hr/> 60

PPT Order of Worship Grading Rubric

Appropriate background design	10
Text legibility (size, color, number of lines, etc.)	10
Lack of shift in text placement from screen to screen	10
Left justification of text	10
	<hr/> 40

ProPresenter Order of Worship Grading Rubric

Appropriate background design	20
Text legibility (size, color, number of lines, etc.)	20
Lack of shift in text placement from screen to screen	20
Appropriate hymn text and sermon topic agreement	20
Sequentialness and flow of service	20
	<hr/> 100

- f) **In The Trenches** - The student will make arrangements for 2 on-site visit/interviews to a “reasonably” local church using “relatively” up-to-date technology. Worship leaders from these two churches are to be interviewed in person with church music technology in mind. One is to be Southern Baptist, and one is to be from another denomination or non-denomination. Collect printed material (worship guide, welcome form, guest brochure or card, newsletter, etc.) from each of the ministers interviewed. The report, combining these three interviews, is to be 10-15 minutes in length with good analysis and summary. Creativity, accuracy, thoroughness, participation, and applicability to music/worship ministry will heavily influence the student’s grade.

(CO 1, 2, 4, 5, 7)

Trenches Grading Rubric

2 SBC churches, 1 church from another denomination	75
Writing style	25
Grammar	25
Content (organization, analysis, conclusion)	50
Collected printed materials	<u>25</u>
	200

- g) **Reflection paper** - a “16 weeks of study... so what?” reflection paper that will be 6-8 text pages incorporating at least 5 other footnoted or endnoted resources. This is not a topic-by-topic report or regurgitation of information in from student presentations. This is to be a synthesis or take-away paper from the course as a whole. Papers are to be typed and double-spaced, using Times New Roman 12-point font, with footnotes or endnotes, and a title page. Attention is to be given to correct spelling, grammar, and punctuation according to the 6th (or later) edition of Turabian. Writing in first person is encouraged. (CO 2, 4, 5, 7)

Reflection Grading Rubric

Title page	25
Footnotes/endnotes	25
Bibliography	25
Proper text formatting (font, size, spacing, etc.)	25
Content	75
Grammar	<u>25</u>
	200

TEXTBOOK:

- Life in the real world of ministry. Pay close attention - lessons are easily overlooked.

GRADE FORMULATION:

	Possible Points	Points Earned
Weekly Tests (8)	80	_____
Church Web Site Analysis	50	_____
Order of Worship Project (200)		
printed OrdWor	60	_____
PPT	40	_____
ProPresenter	100	_____
Finale Project (100)		
Lead sheet	50	_____
Hymn sheet	50	_____
Major Topic Presentations (as assigned)	200	_____
<i>In The Trenches</i> Project	200	_____
Final Reflection Paper	<u>200</u>	_____
Total points	1000	

(move decimal point
one digit to left
for final grade)

REQUIRED RESOURCES:

- Basics of Church Website Design
 - <http://www.cloversites.com>
 - <http://www.goodmanson.com/church-technology/6-ways-churches-fail-with-their-website/>
 - <http://www.internetevangelismday.com/church-site-design.php>
- Basics of Sound Enhancement
 - <http://www.indiana.edu/~emusic/etext/toc.shtml>
 - <http://www.harada-sound.com/sound/handbook/basics.html>
 - http://www.indiana.edu/~emusic/etext/studio/chapter2_mixers.shtml
 - <http://harada-sound.com/sound/handbook/mixers.html>
 - <http://www.churchproduction.com/story/main/wireless-roundup-2015more-options-for-any-church-budget>
 - <http://www.youtube.com/watch?v=bXorStwTVY&feature=endscreen&NR=1>
 - <http://www.youtube.com/watch?v=PJftumDVpyY>
- Basics of Lighting
 - <http://www.learnstagelighting.com/how-do-i-build-a-basic-band-lighting-rig/>
 - <http://www.churchproduction.com/story/main/lighting-console-basics>
- Basics of Projection
 - Hardware**
 - http://www.churchmultimedia.com/video_equipment.php
 - <http://www.ebibleteacher.com/churchvideodesign1.html>
 - <http://www.ebibleteacher.com/churchvideodesign2.html>
 - <http://www.ebibleteacher.com/churchvideodesign3.html>
 - <http://www.ebibleteacher.com/churchvideodesign4.html>
 - <http://www.ebibleteacher.com/churchvideodesign5.html>
 - <http://www.ebibleteacher.com/churchvideodesign6.html>
 - Software**
 - http://www.ebibleteacher.com/reviewworship.html#Presentation_Manager
 - <http://www.ebibleteacher.com/tipswhen.html>
- Building Design Acoustics
 - <http://www.church-acoustics.com/articles/auditorium-acoustics-101/>
 - <http://www.church-acoustics.com/articles/auditorium-acoustics-102/>
 - <http://www.church-acoustics.com/articles/auditorium-acoustics-103/>
 - <http://www.church-acoustics.com/articles/auditorium-acoustics-104/>
 - <http://www.church-acoustics.com/articles/cry-room-acoustics/>
 - <http://www.church-acoustics.com/pdf/church-acoustics-booklet.pdf>
 - <http://www.church-acoustics.com/articles/voicing-the-church/>
- Piano Tuning and Maintenance
 - http://www.ptg.org/Scripts/4Disapi.dll/4DCGI/cms/review.html?Action=CMS_Document&DocID=34&MenuKey=Menu7
 - http://www.doghousenyc.com/articles/piano_tuning.php
 - http://piano.about.com/od/beginnerfaq/f/piano_value.htm
 - <http://www.onestipiano.com/pages/tips.html>
- Organ Works
 - <http://www.ibiblio.org/pipeorgan>
- Church Technology Overview
 - https://www.youtube.com/watch?v=_jr_Ipvc2VE
 - <https://www.youtube.com/watch?v=xMrEhIwZcI>

Selected Bibliography

Books

- Barfoot, Phil, ed. *The Ultimate Idea Book for Music Ministry! Volume 2*. Word Music, 2004.
- Bradley, C. Randall. *from Postlude to Prelude: Music Ministry's Other Six Days*. Fenton, MO: MorningStar Music Publishers of St. Louis, 2004.
- Barker, Ken, ed. *Baptist Hymnal*. Nashville: LifeWay Worship, 2008.

Electronic Media

- Bott, Tim. *Cry Room Acoustics: How to make your cry room both comfortable and acoustically sound*. Eugene, OR: Acoustic Sciences Corp. Web site. Available from <http://www.church-acoustics.com/cryroom.htm>.
- Criswell, Chad. *The Piano—A Brief History*. Web site. Available from http://musicappreciation.suite101.com/article.cfm/the_piano_history__evolution
- EMI Audio. *Church Lighting Basics*. Minneapolis, MN: EMI Audio. Web site. Available from <http://emionline.com/lightinginfo/1.html>.
- Fancey, Marya J. *The Pipe Organ. An Overview of Organs, How the Sound Is Produced, A Closer Look at the Pipes, An In-Depth Look at the Console, Glossary of Organ Terms*. Pipe Organ Education Project. Web site. Available from <http://www.ibiblio.org/pipeorgan>.
- Finn, Mickey. *Studio Piano Maintenance*. New York: The Doghouse NYC. Web site. Available from http://www.doghousenyc.com/articles/piano_tuning.php
- Harada, Kai. *Kai's Sound Handbook*. Harada Sound Design. Web site. Available from <http://harada-sound.com/sound/handbook/index.html>.
- Noxon, Arthur M. *Understanding Church Acoustics*. Eugene, OR: Acoustic Sciences Corp. Web site. Available from <http://www.church-acoustics.com/pdf/church-acoustics-booklet.pdf>.
- Taylor, Terry. *Computers in Bible Teaching: Video Projectors in Church*. Abilene, TX: Southern Hills Church of Christ. Web site. Available from http://www.heartlight.org/articles/200007/20000712_tech_video.html
- _____. *Reviews: Worship Software*. Carbondale, IL: church of Christ. Web site. Available from http://www.ebibleteacher.com/reviewworship.html#Presentation_Manager_.
- Wagonfield, Quentin. *Let There be Video*. ChristianityToday.com. Web site. Available from <http://www.christianitytoday.com/cbg/features/lighting/i.html>.
- Yancey, Marshall. *Piano Information*. Sunnyvale, CA: Marshall Yancey Piano Tuning and Repair. Web site. Available from <http://www.tunepianos.com/yanfaq.htm>

Technologies for Worship Ministries

MUWM 5304

N.O. Spring 2015

Tentative Schedule

(these assignments are DUE during the day listed)

(on a web site, be sure to read all the pages in the article linked at the bottom of the web page)

Week 1	Jan. 20	Knowing You,(name)...., knowing You...., there is no greater thing.. Getting to Know... You... Getting to Know... the syllabus and assignments... Getting to Know... church websites... (see Week 1 assignment)
	Jan. 22	Church Websites – the <i>Excellent</i>, the Good, the Bad, the UGLY! View these websites and play around in the “Clover.” http://www.cloversites.com/church http://www.goodmanson.com/church-technology/6-ways-churches-fail-with-their-website/ Examine this church web site evaluation tool http://www.internetevangelismday.com/church-site-design.php and make your own <u>much shorter</u> , condensed version. Find a church website (according to your customized evaluation tool) for each category above... the Excellent, the Good, the Bad, and the UGLY! Save the site addresses and bring your evaluation tool so we can see your picks and hear your reasoning. Church Website Design - presentations
Week 2	Jan. 27	Finale Basics Finale Assignment – choose a favorite Christian song and create a chord chart for it including staff, bar lines, chords, tablature, text, dynamics, repeats, and double bar at the end. (put in the melody for extra credit!)
	Jan. 29	(continued)
Week 3	Feb. 3	Finale Assignment – choose a hymn from a hymnal and reproduce it in Finale. (1 st verse of text and 1 st phrase of 2 nd verse)
	Feb. 5	(finish assignment)
Week 4	Feb. 10	Sound Acoustics Bonus Quiz http://www.indiana.edu/~emusic/etext/toc.shtml Read Chapter 1 Acoustics (long...segments1-19) Yes, some of this info is over all our heads but start familiarizing yourself with terms and concepts Acoustic presentation
	Feb. 12	Planning Center – worship service planning and communication
Week 5	Feb. 17	Mardi Gras (no class due to traffic congestion)
	Feb. 19	Basics on Components of Sound Systems Quiz 1 http://www.harada-sound.com/sound/handbook/basics.html Sound System presentation

- Week 6** **Feb. 24** **Mixing Consoles Quiz 2**
http://www.indiana.edu/~emusic/etext/studio/chapter2_mixers.shtml
<http://harada-sound.com/sound/handbook/mixers.html>

Mixing Console presentation
- Feb. 26** **Speakers Quiz 3**
<http://www.ht-audio.com/pages/SpeakerBasics.html>
Speaker placement in a variety of non-permanent settings
<http://www.youtube.com/watch?v=bXorSttwTVY&feature=endscreen&NR=1>
- Week 7** **March 3** **Lighting**
<http://www.learnstagelighting.com/how-do-i-build-a-basic-band-lighting-rig/>
<http://www.churchproduction.com/story/main/lighting-console-basics>
- **March 5** **Lighting presentation**
- Week 8** **March 10** **Microphones Quiz 4**
<http://www.churchproduction.com/story/main/wireless-roundup-2015more-options-for-any-church-budget>
The following video is ultra basic on mic placement for singers, but the presenter's accent *almost* makes it worth watching!
<http://www.youtube.com/watch?v=PJftumDVpyY>
- **March 12** **Mic presentation**
- Week 9** **March 17** **Building Design Acoustics (structural) Quiz 5**
<http://www.church-acoustics.com/articles/auditorium-acoustics-101/>
<http://www.church-acoustics.com/articles/auditorium-acoustics-102/>
<http://www.church-acoustics.com/articles/auditorium-acoustics-103/>
<http://www.church-acoustics.com/articles/auditorium-acoustics-104/>
<http://www.church-acoustics.com/articles/cry-room-acoustics/>
<http://www.church-acoustics.com/pdf/church-acoustics-booklet.pdf>
<http://www.church-acoustics.com/articles/voicing-the-church/>
- March 19** **Building Design Acoustics** presentation
- Week 10** **Spring Break March 23-27**
- Week 11** **March 31** **Basics of Projection – Hardware** (projectors and screens)
Quiz 6 (hardware only)
Read *Small Church Video Design*, segments 1-6
<http://www.ebibleteacher.com/churchvideodesign1.html>
<http://www.ebibleteacher.com/churchvideodesign2.html>
<http://www.ebibleteacher.com/churchvideodesign3.html>
<http://www.ebibleteacher.com/churchvideodesign4.html>
<http://www.ebibleteacher.com/churchvideodesign5.html>
<http://www.ebibleteacher.com/churchvideodesign6.html>
- **April 2** **Video Hardware Presentation**
Basics of Projection - Software
Default Worship Projection Project (PowerPoint)
(when you don't have a budget for it,

Topic Assignments

_____	Feb. 10	Sound Acoustics
_____	Feb. 19	Basics on Components of Sound Systems
_____	Feb. 24	Mixing Consoles
_____	March 5	Lighting
_____	March 12	Microphones
_____	March 31	Video Hardware
_____	April 9	Piano Technology
_____	April 16	Organ Technology