

Course: MU213N Music Technology-ONLINE ONLY
Credit: 3 Semester Hours
Semester: Spring 2025/Session 1
In-Class: Online
Instructor: Dr. Ian Guthrie, ian.guthrie@calvary.edu

I. DESCRIPTION

A practical, functional and introductory study of music software, hardware and media in music, including uses in traditional and contemporary music and worship, and music teaching settings. Includes basic instruction in the Sibelius music writing program. This course includes class and lab instruction. This course fulfills the general education computer requirement for music major/minors. (Fee: \$30)

II. OBJECTIVES

A. General competencies to be achieved. You will:

1. Function more effectively in a music related career by being able to efficiently communicate musical ideas.
 - a. PLO - 3
 - b. Assignments: B
2. Develop basic skills for working with music and music notation at the computer.
 - a. PLO - 3
 - b. Assignments: A, B
3. Explore sound editing software and hardware and its related uses.
 - a. PLO – 1, 3
 - b. Assignments: A, B
4. Properly operate sound reinforcement and recording equipment.
 - a. PLO - 3
 - b. Assignments: A, B
5. Explore the standard music software and hardware currently in use in churches and schools.
 - a. PLO - 3
 - b. Assignments: A, B

B. Specific competencies to be achieved. You will:

1. Adequately exhibit functional use of a music writing software program.
 - a. PLO - 3

- b. Assignments: A,B,C
- 2. Articulate uses of software and hardware for music, music teaching and other applications.
 - a. PLO - 3
 - b. Assignments: A,B,C
- 3. Adequately exhibit functional use of a sound editor, sound board, microphones, and digital recorders.
 - a. PLO – 1, 3
 - b. Assignments: A,B,C
- 4. Articulate a basic understanding of terminology related to music technology and equipment.
 - a. PLO – 1, 2, 3
 - b. Assignments: A,B,C
- 5. Understand, articulate and show uses of technology to support student development of musical understanding.
 - a. PLO – 1, 2, 3
 - b. Assignments: A,B,C
- 6. Show uses of computer and other music-related technologies to enhance the learning environment.
 - a. PLO - 3
 - b. Assignments: A,B,C

III. REQUIRED MATERIALS

- A. Bible
- B. Other Readings (assigned as needed)
- C. Software
 - a. Dorico SE (free): <https://www.steinberg.net/dorico/se/>
 - b. MuseScore (free): <https://musescore.org/en>
 - c. Audacity (free): <https://www.audacityteam.org/>
 - d. Reaper (free 90-day trial; \$60 afterward); <https://www.reaper.fm/>

IV. REQUIREMENTS

- A. Assignments: Complete the assignments from assigned readings, software, and instructor in a timely manner as specified by the instructor.
- B. Projects: Complete the assigned projects using information from class lectures, software and assigned readings.
- C. Time:
 - 1. The student should expect to spend a minimum of one hour per week on their computer(s) or device(s) needed to learn the software; practice is key!
 - 2. Additional time should be spent on reading, research and projects.

D. Reading and Response

1. Students are expected to read all assigned readings

E. Writing

F. Quizzes

G. Final project

1. There will be a sharing of final projects, which will be graded based on quality. You will also consult with Dr. Guthrie for feedback on drafts of your final project.

V. **METHODS**

A. **Lectures, Textbook Reading, Additional Required Reading or Research, etc.**

- a. Full ensemble and sectional rehearsals.
- b. Personal rehearsal and/or arranged sectionals outside of class.

B. **Grading**

Online Discussion:	25%
Other assignments:	25%
Final Project:	50%

VII. **TENTATIVE SCHEDULE**

TBA

**The instructor reserves the right to make changes to this syllabus at any time during the course, but any changes made will only be done after clearly communicating the need for the change and the specific change to be made via in-class announcement and Canvas announcement.*

VIII. **OTHER IMPORTANT INFORMATION**

- The Bible is a required textbook in every course at Calvary University. To facilitate academic level study, students are required to use for assignments and research an English translation or version of the Bible based on formal equivalence (*meaning that the translation is generally word-for-word from the original languages*), including any of the following: New American Standard (NASB, English Standard Version (ESV), New King James (NKJV), or King James (KJV). Other translations and versions based on dynamic equivalence (*paraphrases, and thought-for-thought translations like NLT and NIV*) may be used as supplemental sources. Please ask the professor if you have questions about a particular translation or version.

- Students with disabilities have the responsibility of informing the Accommodations Support Coordinator (aso@calvary.edu) of any disabling condition that may require support.
 - Plagiarism is defined as copying any content without identifying the source. This also includes taking another person’s or AI entity’s ideas or constructs and presenting them as your own. Plagiarism of any kind will not be tolerated. Most assignments at Calvary require the student to produce original work. Therefore, unless specifically permitted by the instructor, the use of AI-generated content is prohibited (even if cited) as it does not represent original work created by the student and is an unreliable aggregate of ideas from other sources. AI, however, may be utilized in cases where the instructor has explicitly permitted its use to accomplish specific tasks. It is only in these cases that AI-generated (or modified) content may be submitted by the student. If there are any questions as to the permissibility of AI use for an assignment, please ask your instructor for clarification.
 - The Clark Academic Center (learning@calvary.edu) is dedicated to providing free academic assistance for Calvary University students. Student tutors aid with all facets of the writing process, tutor in various subject areas, prepare students for exams and facilitate tests. Please take advantage of this service.
 - All class papers must follow the Turabian style according to *A Manual for Writers of Research Papers, Theses, and Dissertations*, 8th edition and the Calvary Style Guide, 2019 update.
- 1.
- Grading Scale: See grading scale in the university catalog.

Assignments	Hours	Assigned
“Seat Time” in class	24	24
Assignments+ Reading	55	Practicing software
Final projects	27	A culmination of all topics
Other tasks	29	Learning software (depends on person)
Total	135	