

ENSF 608 Fall 2021 – Lab 3

September 22, 2021
Dr. Emily Marasco

Recording Notice

Classes may be recorded. Recordings will only be uploaded to University approved platforms such as D2L, will only be for use by students and staff associated with the course, and will not be disseminated to a broader audience by the University.

If a student turns on their microphone or camera, or uses the public chat feature, this constitutes consent for the student's video image or sound audio to be uploaded with a recording. If a student wishes to ensure that their questions/faces/voices are not recorded in the video, they should instead use the private chat feature to ask questions.

Goals for Today

- Group activity related to first three Topic 3 videos
- Any questions on Topics 1 to 3 so far

Scenario



The directors of an annual music competition have decided to organize their participants using a database. Music teachers may register as many students from their studio as they would like. These talented students may perform on multiple instruments, but they must register their first name, last name, and age. Teachers must also register their first name, last name, teacher certificate number, and studio name. One student from each music studio is designated as the studio representative and helps communicate information to the other students.

Students must perform an approved piece of music from the composition catalog. The composition catalog tracks the serial number of the piece, the composer, the title, the genre, and the date it was published.

Students are entered into a competition category. Each competition has an assigned date, time, genre, and maximum participation age. All students must be entered in at least one category but may choose to compete in more. The results for each category are tied to the students' competition numbers. One student in each category is also randomly selected as the session emcee to keep things running smoothly.

Based on the requirements narrative above, design and draw an ER diagram for the described application.

Group Tasks

- Introduce yourselves and choose a group representative
- Group Rep will click “Share Screen” and start the whiteboard
- You may need to select “Enable Annotation for Others” from the menu
- Work together to draw the ER diagram
- Before the breakout room closes, Group Rep will select “Save” to save your whiteboard
- Back in the main room, Group Rep will upload the saved whiteboard to the instructor using the chat feature (Change to “To:” field from “Everyone” to “Emily Marasco” and click “File” -> “Your Computer” to select the saved whiteboard).
- TAs and instructor will rotate through the breakout rooms. You may use the “Ask for Help” button if you have a question or send one representative back to the main session.

Assignment #1

- Learning objective: Application of ER and EER modelling concepts
- Individual assignment
- Upload solution to D2L dropbox
- Due **Friday, October 1st at 11:59 PM**

This week:

- Keep the conversation going! Please reply on at least one other student's introductory post
- Watch for remaining Topic 3 lectures to be posted
- **Assignment 1** is due **Friday, October 1st at 11:59 PM**