**Substitute Teacher Request Form**

**Instructor Information**

| | |
|---|---|
| Instructor's name: | Fernanda Murillo |
| Program: | MDI 1 |
| Date: | Sep 25 2025 |
| Substitute instructor: | Bryan García |

**Class Information**

| | |
|---|---|
| Course: | 103 |
| Session #: | Session 1 |
| Cohort #: | 3 |

**Absence Details**

| | |
|---|---|
| Date(s) of Absence: | Sep 27 2025 |
| Type: | Complete sessions (3 hours) |

**Material**

1.  Here are the project notes: https://github.com/professorfernanda/Project103-Ch3-Notes
2.  The Student Manager System project is attached in the email.

**Lesson Plan:**

**Part 1**

1.  Call the attendance.
2.  Introduce the project of the class: Student Management System. Just a general overview for them to know what will be the main project.
3.  Introduce the goal of the class: Understand when to use Arrays, Set, or Dictionary.

**Part 2**

1.  Create project named: Project104-Ch3.
2.  Create the folders that we will use during the unit to organize the files:
    1.  views: Views of the project (assignments or even some views created during class).
    2.  models: Models of the project (assignments or even some views created during class).
    3.  practice: Here we will add all the exercises worked during the class, but that doesn't belong to the Student Manager System Project.
    4.  assignments: Here you can code your assignment. Assignment 1 and 3 are playgrounds, and assignment 2 is a swift file with a UI.
3.  Add the .gitkeep file to each folder
4.  Create the repository, the remote, and do the initial commit.
    1.  The goal is to have all set up to push changes and submit assignments.
    2.  Use these notes in case someone needs to connect their account again.

**Part 3**

1.  Follow the structure described in these Notion Notes
    1.  Introduction to collections
    2.  How to create a collection
    3.  Activity: Choose the collection. Notes: I recommend you to create a wheelofnames.com and select a student to answer a question of the exercise
    4.  Mini-challenge: Students work on this alone
2.  Assignment 1 - Introduction to Data Structures • Note: Students work the assignment out of the class, however, if you need extra material you can work on the assignment during the class

**Zoom Session:**

Topic: MDI 1 103 - Session #1 - Cohort 03
Time: Sep 27, 2025 12:00 PM Pacific Time (US and Canada)
Join Zoom Meeting
https://us02web.zoom.us/j/84671459695?pwd=zkRwYmxqIVQLNqvLebeB6o0hZMOM0o.1

Meeting ID: 846 7145 9695
Passcode: 772195

**Projects and Other Materials:**

Attached to the email

**Special Instructions:**  You can use my Zoom account to access the host controls.

- **Email:** fmurillo@sdgku.edu
- **Pass:** TheHome.147

**Additional Notes:**
1. Cover as much as you can, but do not feel pressured to complete the assignment.
2. Feel free to ask the class to code by their own some parts. You can give them some minutes to complete the activity if you want and after demonstrate the solution.