Course Addendum

Course Code: MAP524   **Section:** NSA
Course Title: Mobile App Development – Android   **Term:** Summer 2021
Professor: Jigisha Patel
Email: Jigisha.patel@senecacollege.ca
Office Hours: By appointment only

Approved by:
Kathy Dumanski, Chair, School of Software Design and Data Science

Please read this addendum to the general course outline carefully. It is your guide to the course requirements and activities.

Please refer to the course outline for learning outcomes, course description and text and materials.

Please also visit sdds.senecacollege.ca for key information on courses, graduation requirements, transfer credit, and more from the School of Software Design and Data Science.

Course Outline
https://ict.senecacollege.ca/course/MAP524

Evaluation
Assignments (4 assignments) - 50%
Tests (2 tests) - 50%

Course Policies
- Minimum 50% weighted average across the tests
- Minimum 50% weighted average overall in the course
- Minimum 50% in final exam

Academic Policies:
http://www.senecacollege.ca/about/policies/academics-and-student-services.html

Class Delivery
The course will be delivered as a combination of synchronous and asynchronous activities.

TENTATIVE WEEKLY SCHEDULE

Please note that all dates and topics are subject to change depending on factors such as class progress and/or unforeseen events. Additional topics may be covered as time permits. Should there be insufficient time, certain topics may be de-emphasized. Topics may be added, removed and/or shifted depending on the progress of the course. Furthermore, the number of weeks allocated to each module may vary depending on the professor's and/or class requirements.

Week	Topics to be covered	Evaluation
1	**Course Introduction** - Development Environment Setup - Introduction to Android	
2	**Victoria Day Holiday (May 24)** **User Interface of Android app** - Working with layouts	**Assignment 1 (10%) Issued**
3	**User Interface of Android app continues** - Handling UI element interactions **Multiscreen Apps in Android** - Information exchange between screens - Intents	**Assignment 1 (10%) Due**
4	**Working with RecyclerViews** - Display dynamic lists of data	**Assignment 2 (10%) Issued**
5	**Working with Location Services** - Fetching Device Location - Geocoding	**Assignment 2 (10%) Due**
6	**Review**	**Midterm Test (25%)**
	Break Week	
7	**Working with Web Services** - Introduction to Web Services - Consuming Web Service in Android apps	**Assignment 3 (15%) Issued**
8	**Data Persistence in Android** - SharedPreferences **App Architecture** - Android Jetpack Architecture Components	**Assignment 3 (15%) Due**
9	**Data Persistence in Android continues** - Room	**Assignment 4 (15%) Issued**
10	**Data Persistence in Android continues** - Cloud Firestore	**Assignment 4 (15%) Due**
11	**Civic Day Holiday (Aug 02)** **Data Persistence in Android continues** - Cloud Firestore continues	
12	**Review**	**Final Test (25%)**