Course Code	MAP524	Course Section	NZA	Course Title	Mobile App Development - Android
Term	Summer 2024 (2244)	Course Outline Link	Course Outline Link	Instructional Mode	Online
Scheduled Weekday for Lecture	Monday	Scheduled Class Start Time (in Eastern Time)	9:50 AM	Scheduled Class End Time (in Eastern Time)	11:35AM
Scheduled Weekday for Lab	Wednesday	Scheduled Class Start Time (in Eastern Time)	9:50 AM	Scheduled Class End Time (in Eastern Time)	11:35AM

MAY/JUNE

Professor's Name	Kunwar Khurmi	Professor's Email Address	kunwar.khurmi@senecapolytechnic.ca	Professor's Telephone Number	N/A
Scheduled Office Hours	By appointment only	Professor's Preferred Method of Communication	Email	Expected Response Time	24 business hours

JULY/AUGUST

Professor's Name	Kunwar Khurmi	Professor's Email Address	kunwar.khurmi@senecapolytechnic.ca	Professor's Telephone Number	N/A
Scheduled Office Hours	By appointment only	Professor's Preferred Method of Communication	Email	Expected Response Time	24 business hours

* An additional row for second scheduled day of classes per week is available if needed. Highlight rows 5 to 7, right click, and select "Unhide". Upon completion of the addendum - highlight, right click and HIDE THIS LINE.
* Additional rows for second professor's information are available for semesters when two professors will facilitate course. If needed, highlight rows 8 to 12, right click, and select "Unhide". Upon completion of the addendum - highlight, right click and HIDE THIS LINE.

Assessment Summary
Assignment-60%
Tests- 40%

The semester starts on May 6th

Week	Class type	Topics/Activities	Instruction Mode	Class Location	Assessment (Type and weight)
Week 1 May 6 - 10	Lecture	Introduction to mobile application development with Android Software installation: Android Studio and emulators	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	Overview of using Android Studio Creating a new project, running an emulator	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
Week 2 May 13 - 17	Lecture	Programming language fundamentals	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	Programming language fundamentals	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
Week 3 May 20 - 24 May 20th - Victoria Day (Seneca Closed)	Lecture	Fundamentals of Android Development Activities and Activity Lifecycle	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	Assignment 1 (15%)
	Lab	Layout managers, Linear Layout Common Android Views (TextView, Button, etc)	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
Week 4 May 27 - 31	Lecture	Common Android Views (TextView, Button, etc) Event handling	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	Common Android Views (TextView, Button, etc) Event handling	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
Week 5 Jun. 3 - 7	Lecture	Explicit intents Creating multiscreen application	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	Explicit intents Creating multiscreen application	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	Assignment 2 (15%)
Week 6 Jun. 10 - 14	Lecture	Toolbars, dialogs, resource files (strings.xml, colors.xml, etc)	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	Toolbars, dialogs, and resource files (strings.xml, colors.xml, etc)	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
Week 7 Jun. 17 - 21	Lecture	Review	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	Test 1	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	Test 1 (20%)

Study week is from June 24th to June 28th

Week	Class type	Topics/Activities	Instruction Mode	Class Location	Assessment (Type and weight)
Week 8 Jul. 1 - 5 July 1st- Canada Day (Seneca Closed)	Lecture	AdapterViews: Spinners, Lists, Custom Adapters	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
	Lab	AdapterViews: Spinners, Lists, Custom Adapters	Select the Mode of Delivery for This Date's Class	Select the Class Location Type for This Date's Class	
Week 9 Jul. 8 - 12	Lecture	AdapterViews: Spinners, Lists, Custom Adapters	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
	Lab	Creating and using Room database (CRUD operations)	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
Week 10 Jul. 15 - 19	Lecture	Creating and using Room database (CRUD operations)	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	Assignment 3 (15%)
	Lab	Creating and using Room database (CRUD operations)	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
Week 11 Jul. 22 - 26	Lecture	Android Permissions Model Location Services and Mapping	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
	Lab	Location Services and Mapping	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
Week 12 Jul. 29 - Aug. 2	Lecture	Implicit Intents and Broadcast Receivers: Making phone calls, SMS, etc	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
	Lab	Implicit Intents and Broadcast Receivers: Broadcasts, sending notifications	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	Assignment 4 (15%)
Week 13 Aug. 5 - 9 August 5th - Civic Day (Seneca Closed)	Lecture	Working with media: Microphones and cameras	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
	Lab	Working with media: Microphones and cameras	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
Week 14 Aug. 12 - 16	Lecture	Review	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	
	Lab	Test 2	Select the Mode of Delivery for This Date's Class	Select the Class Location for This Date's Class	Test 2 (20%)

The semester ends August 16th

Other Important Semester Dates

May 20th - Victoria Day (Seneca Closed)
July 1st - Canada Day (Seneca Closed)
August 5th - Civic Day (Seneca Closed)

IMPORTANT INFO

Primary addendum approved by:

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 Welcome | School of Computer Programming and Analysis (senecapolytechnic.ca) for key information on courses, graduation requirements, transfer credit, and more from the School of Computer Programming and Analysis.

Course Policies

A+	90% to 100%
A	80% to 89%
B+	75% to 79%
B	70% to 74%
C+	65% to 69%
C	60% to 64%
D+	55% to 59%
D	50% to 54%
F	0% to 49% (Not a Pass)

Academic Policies

http://www.senecapolytechnic.ca/about/policies/academics-and-student-services.html
For further information, see a copy of the Academic Policy, available online (http://www.senecapolytechnic.ca/about/policies/academics-and-student-services.html) or at Seneca's Registrar's Offices.

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