# Week 4 Lesson Plan

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| *Title* | ECIE 2207/ ECSE 3108/ ECII 2206/ ECSI 2206 |
| *Subject* | Advanced Visual Programming |
| *Author* | Felix Okoth |
| *Grade level* | 2rd Year |
| *Time duration* | 4 hours |
| *Overview* | Introduction to Android |
| *Objective* | * Android Stack * Android architecture components * Activities   + Declare activity   + Declare intent filters   + Declare permissions   + Activity life cycle. * Layouts   + Linear Layout   + Relative Layout   + Web View   + Constraint Layout   + List View   + Grid View |
| *Materials* | * Read   + Notes/2019/Jetpack.pdf   + <https://developer.android.com/guide/components/activities/intro-activities>   + <https://developer.android.com/guide/components/activities/activity-lifecycle>   + <https://developer.android.com/guide/topics/ui/declaring-layout>   + <https://developer.android.com/training/constraint-layout/>   + <https://developer.android.com/guide/topics/ui/layout/linear>   + <https://developer.android.com/guide/topics/ui/binding>   + <https://developer.android.com/guide/topics/ui/layout/gridview>   + <https://developer.android.com/guide/topics/ui/layout/relative> |
| *Activities and procedures* |  |
| *Conclusions* | Practice, practice, practice! |
| *Extra credit* |  |