



Instructor

Dr. Víctor Matos
Department of Information Systems and
Department of Electrical Engineering & Computer Science
Cleveland State University
Cleveland, Ohio 44114

Office: BU-342
Email: v.matos@csuohio.edu
Webpage: <http://grail.cba.csuohio.edu/~matos>
Phone: 216 687-3911
Dept. 216 687-4760

IST493/693 – Fall 2017 – Messages

Syllabus [Click here for a printable \(PDF\) version of the syllabus](#)

XML Sample1 [Click here for a zipped file containing XML sample1 files](#)

XML Sample2 [Click here for a zipped file containing XML sample2 files](#)

Grades [Click here for FALL 2017 grades](#)



Download Lecture Notes (pdf files)

[Developing Mobile Applications for the Android Operating System \[work in progress...\]](#)
by Victor Matos. 2017

Slides [Link to individual Lessons and Handouts \(OLD\)](#)

Code [Link to individual Code Samples \(OLD\)](#)

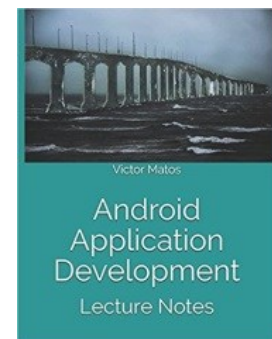
Project Images [ZIP file containing royalty free pictures downloaded from https://pixabay.com](#)

Miscellaneous [Click here for additional notes and files](#)

Textbook [Android Application Development by Victor Matos. Paperback edition.](#)
[Independently published \(September 7, 2017\) through Kindle Direct Publishing.](#)
ISBN-10: 1549630628, ISBN-13: 978-1549630620.

Also available as an [Amazon-Kindle eBook](#).

Book's source code ([Link to individual examples](#))



How to submit your Homework

Copy/paste/print your *nicely documented* Java code, XML layouts, resource files, and Console output into a single MS-Word file (or equivalent). Save it as .pdf (Acrobat format). Bring the printout to your professor. Save a copy of the document (and programming resources) for your final portfolio. Please use the following format to organize your reports

1. **Header.** Consists of
 - a. Author name - School number
 - b. Project # - Date

For example, Diana Prince - Project 1 – December 1, 2017

2. **App Description (WHAT).** This is an executive summary targeting the end-users of this application. The section explains *what the app does*. Keep in mind that at this point, your reader is NOT a programmer but instead a paid customer who bought your app and wants a clear description of what it does and how to work with it.
3. **Technical Description (HOW).** The reader of this section is a fellow software developer. Explain here *how your app works*. Keep in mind the reader needs specific guidance into the app so he/she could maintain/enhance your solution.
4. **Java Code.** Paste a neatly formatted image of your Java code. Each non-trivial method must be documented. Pay attention to formatting standards: indentation, line wrapping, variable naming, etc.
5. **Resources.** Include each XML layout used by the app. Include any entries you have made into the *res/values/strings* folder. If modified, also add your app's Manifest.
6. **Screenshots.** Use the Android-Device-Monitor tool to take pictures of your working app. Add meaningful images illustrating the way your app operates and interacts with the user.
7. **What did I learn?** Explain what have you personally acquire from this learning experience.
8. **References.** List all sources used in the preparation of your project. Give credits to all sources consulted (notes, books, blogs, websites, etc.) For a guide on 'how to' format references, please consult the following:

Penn State University Libraries. CSE Quick Citation Guide. [Cited Sept. 28, 2015] Available from:

http://www.libraries.psu.edu/psul/researchguides/citationstyles/CSE_citation.html#online-examples

Current Assignments

Homework1. [Basic UI Design. Implementing COLOR CALCULATOR application.](#) (Due Mo. Sep-25)

Homework2. [List-based selection. The Cooking Recipe App.](#) (Due We. Nov-8)

Homework3. [Database App. The COMPANY PROJECT.](#) (Due Tu. Dec-12 @ BU342)

Genymotion Emulator Instructions on how to install Genymotion emulator including the Google Play Service app. [LINK](#)