

BLM5218, Mobile Technologies and Applications

Assist. Prof. M. Amaç GÜVENSAN

Lecture Hours: Wednesday 19:00 - 21:50

Classroom : D-108

Textbook: Bill Phillips, Brian Hardy, "**Android Programming: The Big Nerd Ranch Guides**", 2013

Supplementary Textbooks:

Dawn Griffiths, David Griffiths, "Head First Android Development", Oreilly, 2014

Supplementary Material: <http://developer.android.com>

Tentative Schedule:

1. An Overview of Mobile Computing (05.02.2020)
2. Mobile Devices and Application Development Techniques/Tools/Environments (12.02.2020)^[L]_{SEP}]
3. Application Fundamentals (19.02.2020)^[L]_{SEP}]
4. User Interface Design and MVC Model (26.02.2020)
5. Layouts and Notifications (04.03.2020)^[L]_{SEP}]
6. Data Management on Smartphones - I (11.03.2020)
7. Data Management on Smartphones - II (18.03.2020)^[L]_{SEP}]
8. Midterm - I (25.03.2020)
9. Sensors on Smartphones and Sensor Data Collection (01.04.2020)^[L]_{SEP}]
10. BroadcastReceivers (08.04.2020)^[L]_{SEP}]
11. Location-based Services - I (15.04.2020)^[L]_{SEP}]
12. Location-based Services - II (22.04.2020)^[L]_{SEP}]
13. Best Practice - I (29.04.2020)^[L]_{SEP}]
14. Best Practice - II (06.05.2020)

GRADING (could be revised)				
	Midterms	Homework	Semester Project	Final
Number	1	2-3	1	1
Impact	15%	20%	25%	40%