

BPI2130 Mobile application development practice

Subject topics and semester requirements:

Week 1: Basics of the Kotlin language, the Android operating system
Week 2: Introduction to Android Studio and the structure of applications
Week 3: Getting to know the Android Studio toolset, tasks
Week 4: Activity life cycle, user interfaces
Week 5: App data entry options, tasks
Week 6: Styles, menus, animations
Week 7: Communication between components
Week 8: Navigation, switching between Activities
Week 9: Scrollable lists, RecyclerView
Week 10: Using databases, SQLite
Week 11: File management, network communication
Week 12: Positioning
Week 13: Multimedia Tools
Week 14: Services

Participation in the sessions:

Participation in practical lessons is mandatory. Permissible amount of semester absence in full-time training, three times the number of weekly contact hours of the subject. Exceeding this in this case, the semester cannot be evaluated (TVSz § 8.1.)

Semester requirement:
practice mark

Requirements for a practical mark:
Active participation in exercises,
Creating an application with Android Studio by the end of the semester, individual based on discussions