Date	Topic	Hours
	Lecture 1. Introductory lesson. Course goals. Working with bugs. Bug life cycle. Statuses and resolutions of bugs. Project life cycle. Project roles. Agile project methodologies. Build life cycle. Main types of test documentation. Testing.	2
	Lecture 2. VirtualBox Guest Additions VirtualBox Guest Additions: where to get & why you need it. Types of network connections (NAT, Bridge, LAN, Host only). Snapshots: what is it, why, how to do it. VM settings – change options and properties of the VM. Shared folder.	2
	Practice (Project A testing) (with specification | without specification) For example: RoomBridge/Aquaduck - Design a test plan - Preparation of working test documentation TestSurvey and Test Cases - Clarification of requirements with BA - Specification/no specification testing - Providing results	30
	Technical task 1. Preparing the environment for testing VirtualBox.	8
	Lecture 3. QA Plan. QA Plan content. Testing approaches. Testing strategy. Calendar work plan. Test based on previous lectures.	2
	Lecture 4. Test documentation TestCases. Managing TestCases in TTS. Test.	2
	Lecture 5. Windows. UAC. Service: what is it, how to start/stop it. CMD: commands, why is it needed. RDP. VPN. Domain: AD. Test.	2
	Technical task 2. Fundamentals of Windows operating systems.	8
	Lecture 6. Networks. TCP/IP protocol stack. What is DHCP. Differences between dynamic and static IP address. How to assign a static IP address. DHCP: DORA principle. DNS: definition, purpose, whether it is possible to work without it. MAC address. Test.	2
	Technical task 3. Capturing traffic with Charles/Fiddler.	8

	Lecture 7. Types of mobile applications. Features of mobile testing. Tools. Mobile app testing strategy. Working with Charles and Fiddler. Test.	2
	Lecture 8. SQL. Basic knowledge of SQL syntax. Types of database models. Test.	2
	Technical task 4. Basics of databases and SQL.	8
	Lecture 9. Fundamentals of Linux operating systems. Test.	2
	Feedback on the technical task. Analysis of test documentation.	2
	Technical task 5. Analysis of test documentation.	8
	Lecture 10. Git. Repository. Tracking changes in Git. Test.	2
	Final exam	2
	Total student time	94
	Mentor time for consultations	12
	Total mentor time	34