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| | | Tema | | Martes (16:10) | | Jueves (16:10) | | Actividad (Publicación: Jueves, Entrega: Viernes) | Tareas |
| | 1 | Fundamentos | 5/8/2025 | Introducción del Curso + Conceptos Básicos | 7/8/2025 | Unit Testing + Test Doubles | | | |
| | 2 | | 12/8/2025 | Code Coverage | 14/8/2025 | Random & Coverage Basic Fuzzing | | Actividad 1. Unit Testing - Coverage | |
| | 3 | Lexical Fuzzing | 19/8/2025 | Mutation-Based Fuzzing | 21/8/2025 | Search-Based Fuzzing | | | Tarea 1: Unit Testing & Lexical Fuzzing |
| | 4 | | 26/8/2025 | Mutation Analysis | 28/8/2025 | Mutation Analysis | | Actividad 2. Mutation Testing | |
| | 5 | | 2/9/2025 | Black Box Testing Techniques Decision Tables & State | 4/9/2025 | Black Box Testing Techniques Boundary Analysis & Equivalence Partitioning | | | |
| | 6 | Static Analysis & Program Repair | 9/9/2025 | Static Testing | 11/9/2025 | Static Analysis | | Actividad 3. Black Box Testing | Tarea 2: Linter & Program Repair (rules & transformers) |
| | 7 | | 16/9/2025 | RECESO | 18/9/2025 | RECESO | | | |
| | 8 | | 23/9/2025 | Automatic Code Transformations & Rules | 25/9/2025 | Automatic Code Transformations & Rules | | Actividad 4. AST y visitor | |
| | | | 30/9/2025 | Automatic Fault Location Techniques [sin jupyter] | 2/10/2025 | Automatic Fault Location Techniques [sin jupyter] | | | |
| | 9 | Dynamic Analysis & Semantic Fuzzing | 7/10/2025 | Symbolic Fuzzing* | 9/10/2025 | Concolic Fuzzing* | | Actividad 5. Z3 Solver | Tarea 3: Sampling/Instrumentation Profiling |
| | 10 | | 14/10/2025 | Sampling Profiling | 16/10/2025 | Instrumentation Profiling | | | |
| | 11 | | 21/10/2025 | Ejercicios de Practica | 23/10/2025 | | Examen 24/10/2025 | | |
| | 12 | | 28/10/2025 | Resolución del Examen | 30/10/2025 | Taint Analysis* | | | |
| | 13 | API Testing, End to End Testing | 4/11/2025 | API Testing | 6/11/2025 | End to End Testing | | Actividad 6. Taint Analysis | Tarea 4: Testing API & End2End Testing |
| | 14 | | 11/11/2025 | Load and Stress Testing & Performance Testing | 13/11/2025 | Libre para T4 | | | |
| | 15 | | 18/11/2025 | Mesa Ayuda T4 | 20/11/2025 | Mesa Ayuda T4 | | Actividad 7 (Opcional). Performance Testing | |

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| | 16 | | 25/11/2025 | Libre para T4 | 27/11/2025 | Libre para T4 | | | |
| | | | 15 diciembre 8.20 | | | | | | |
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