

Advanced Software Testing

Durata modul: 18 cursuri X 2 ore

Capitolul 1 – Introduction course

- Assess knowledge for all technologies used in the course.
- Get access to tools: JIRA, Postman, N++, Putty, SQL IDE, IntelliJ, Chrome

Capitolul 2 - HTML CSS XPATH DevTools

- Page structure
- Document object model
- Working with source code
- Chrome Dev Tools

Capitolul 3 – XML, JSON

- Structure. Use. Examples
- Postman. Exercises
- Test harness tools

Capitolul 4 – Network

- URI structure
- Protocols: HTTP(s), FTP, UDP, Ports
- HTTP error codes
- Dev tools

Capitolul 5 – Practice

- End to end exercise, using knowledge from Course 2, 3 & 4

Capitolul 6 – Linux

- Structure
- SSH
- Basic comands
- Regex
- Bash scripting
- Listeners
- Logs
- Exercises

Capitolul 7 – SQL

- 📖 Structure
- 📖 Queries
- 📖 CRUD
- 📖 DB interactions from address bar, IDE, command line, XML

Capitolul 8 – Practice

- 📖 End to end exercise, using knowledge from Courses 2-8

Capitolul 9 – Functional testing & test coverage

- 📖 Extended boundary
- 📖 Pair wise
- 📖 Decision table
- 📖 Tools
- 📖 Practical exercises

Capitolul 10 – Non functional testing

- 📖 Localization
- 📖 Responsiveness
- 📖 Performance

Capitolul 11 – Final evaluation