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| **Section** | **Content** | **Notes** |
| 1 | Course Introduction  Quiz  Assignment  Presentations  Grades  Marketing Procedure | *Assignment: Environment Setup* |
| 2 | Core Java  \*Invitation: Algorithms | *Assignment: Handout* |
| 3 | Database | *Assignment: Handout*  **Quiz 1** |
| 4 | MVC Framework | *Assignment: Handout* |
| 5 | Service Layer IoC | *Assignment: Handout* |
| 6 | Spring Boot | *Assignment: Handout* |
| 7 | Data Access | *Assignment: Handout* |
| 8 | Aspect Programming | *Assignment: Handout*  **Quiz 2** |
| 9 | \*Web Security | *Invitation: HR checklist, Resume* |
| 10 | Test Framework | *Assignment: Handout* |
| 11 | \*MicroService/Kafka | **Quiz 3** |
| 12 | Tech Mock Interview  HR Mock Interview  Marketing Starts | **\*Presentation**  Resume Due |

**Syllabus**

\* Optional content, not required for marketing purpose