

1. Analyze requirements to determine appropriate testing strategies [Weight: 25%; Mark: 4]
 - 1.1. Range of requirements, functional requirements, measurable quality attributes, qualitative requirements, ... [Mark:4]
 - 1.2. Level of requirements, system, integration, unit. [Mark:3]
 - 1.3. Identifying test approach for chosen attributes. [Mark: 4]
 - 1.4. Assess the appropriateness of your chosen testing approach. [Mark:4]
2. Design and implement comprehensive test plans with instrumented code [Weight: 15%; Mark:3]
 - 2.1. Construction of the test plan. [Mark:4]
 - 2.2. Evaluation of the quality of the test plan. [Mark:3]
 - 2.3. Instrumentation of the code. [Mark:2]
 - 2.4. Evaluation of the instrumentation. [Mark:3]
3. Apply a wide variety of testing techniques and compute test coverage and yield according to a variety of criteria [Weight: 15%; Mark:3].
 - 3.1. Range of techniques. [Mark:3]
 - 3.2. Evaluation criteria for the adequacy of the testing. [Mark:3]
 - 3.3. Results of testing. [Mark:3]
 - 3.4. Evaluation of the results. [Mark:3]
4. Evaluate the limitations of a given testing process, using statistical methods where appropriate, and summarise outcomes. [Weight 25%; Mark 4]
 - 4.1. Identifying gaps and omission in the testing process. [Mark: 4]
 - 4.2. Identifying target coverage/performance levels for the different testing procedures [Mark: 3]
 - 4.3. Discussing how the testing carried out compares with the target levels [Mark:4]
 - 4.4. Discussion of what would be necessary to achieve the target levels. [Mark: 4]
5. Conduct reviews and inspections and design and implement automated testing processes. [Weight: 20%; Mark:4]
 - 5.1. Identify and apply review criteria to selected parts of the code and identify issues in the code. [Mark: 3]
 - 5.2. Construct an appropriate CI pipeline for the software. [Mark: 4] ** Note that this sub-criterion has been modified so that a description of a CI pipeline is sufficient

rather than an implemented pipeline **

5.3. Automate some aspects of the testing. [Mark: 4] ** Note that this sub-criterion has been modified so that a description of what aspects you would automate is sufficient **

5.4. Demonstrate the CI pipeline functions as expected. [Mark: 4] ** Note that this subcriterion has been modified so that a description of how the pipeline would operate and what issues you think it would identify is sufficient **