Unique LO	LO in Version 2018	K-Level 2018
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FL-1.1.1	Identify typical objectives of testing (K1)	K1
FL-1.1.2	Differentiate testing from debugging (K2)	K2
1.2	Why is Testing Necessary?	
FL-1.2.1	Give examples of why testing is necessary (K2)	K2
FL-1.2.2	Describe the relationship between testing and quality assurance and	K2
	give examples of how testing contributes to higher quality (K2)	
FL-1.2.3	Distinguish between error, defect, and failure (K2)	K2
FL-1.2.4	Distinguish between the root cause of a defect and its effects (K2)	K2
1.3	Seven Testing Principles	
FL-1.3.1	Explain the seven testing principles (K2)	K2
1.4	Test Process	
FL-1.4.1	Explain the impact of context on the test process (K2)	K2
FL-1.4.2	Describe the test activities and respective tasks within the test process	K2
FL-1.4.3	(K2) Differentiate the work products that support the test process (K2)	K2
FL-1.4.3 FL-1.4.4	Explain the value of maintaining traceability between the test basis and	K2
FL-1.4.4	the test work products (K2)	N2
1.5	The Psychology of Testing	
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FL-1.5.2	Explain the difference between the mindset required for test activities and the mindset required for development activities (K2)	K2
Chapter 2	Testing Throughout the Software Development	
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FL-2.1.1	Explain the relationships between software development activities and test activities in the software development lifecycle (K2)	K2
FL-2.1.2	Identify reasons why software development lifecycle models must be adapted to the context of project and product characteristics (K1)	K1
2.2	Test Levels	
FL-2.2.1	Compare the different test levels from the perspective of objectives, test	K2
L Z.Z.	basis, test objects, typical defects and failures, and approaches and responsibilities (K2)	
2.3	Test Types	
FL-2.3.1	Compare functional, non-functional and white-box testing (K2)	K2
FL-2.3.2	Recognize that functional, non-functional and white-box tests occur at any test level (K1)	K1
FL-2.3.3	Compare the purposes of confirmation testing and regression testing	K2
2.4	Maintenance Testing	
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Chapter 3	Static Testing	
3.1	Static Testing Basics	
FL-3.1.1	Recognize types of software work product that can be examined by the	K1
	different static testing techniques (K1)	
FL-3.1.2	Use examples to describe the value of static testing (K2)	K2
FL-3.1.3	Explain the difference between static and dynamic techniques,	K2
	considering objectives, types of defects to be identified, and the role of these techniques within the software lifecycle (K2)	
3.2	Review Process	
FL-3.2.1	Summarize the activities of the work product review process (K2)	K2

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FL-6.1.2	Identify benefits and risks of test automation (K1)	K1
FL-6.1.3	Remember special considerations for test execution and test management tools (K1)	K1
6.2	Effective use of tools	
FL-6.2.1	Identify the main principles for selecting a tool (K1)	K1
FL-6.2.2	Recall the objectives for using pilot projects to introduce tools (K1)	K1
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