

# Curriculum Map for Cambridge National in Information Technologies



Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>LO = Learning outcome</b>						
10	<p>LO1.1 Stages of the project life cycle and the tasks carried out in each stage</p> <p>LO1.2 Interaction and iteration between the stages of the project life cycle</p> <p>LO1.4 Initial project considerations</p> <p>LO2.1 Learners should be taught how to initiate a project by analyzing the requirements to a given context</p>	<p>LO4.4 (R013 RELEVANT) Prevention Measures</p> <p>LO4.5 (R013 RELEVANT) Current legislation, its implications and applications</p> <p>LO2.2 Learners should be taught how to mitigate risks through the planning process</p>	<p>LO8.1 Learners should be taught how to carry out and document an iterative review i.e. Phase review</p> <p>LO1.5 Planning tools and the software types used to develop project plans</p> <p>LO2.3 Learners should be taught how to use planning documentation</p> <p>LO2.4 Learners should be taught how to undertake iterative testing</p>	<p>LO3.1 Data types</p> <p>LO5.1 Learners should be taught how to create, edit and delete data using appropriate software tools and techniques</p> <p>LO6.1 Selection and justification of the appropriate tools and techniques and formats to process data to meet the defined objectives in a given context</p>	<p>LO6.2 Purpose and suitability of presenting methods</p> <p>LO7.1 How to select and present information for a given purpose and audience</p> <p>LO7.2 Learners should be taught how to present information using appropriate software tools and techniques</p> <p>Learners should be taught presentation techniques</p>	<p>LO8.1 "Learners should be taught how to carry out and document an iterative review</p> <p>Final review - learners need to show that they have completed a final review"</p> <p>LO3.1 Data types</p> <p>LO3.2 Information and relationships</p>

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<b>11</b>	<p>LO3.2 Information and relationships</p> <p>LO3.3 Methods used to collect and store data and information, and the appropriateness of the use of these in a given context</p> <p>LO3.4 Storage and the appropriateness of the use of these in context</p> <p>LO3.5 Use of data in a given context including Big Data</p> <p>LO1.3 The inputs and outputs of each stage of the project life cycle</p> <p>LO4.1 Types of threats</p>	<p>LO4.2 The vulnerabilities – which can be exploited in a cyber-security attack</p> <p>LO4.3 The impacts of a cyber-security attack</p> <p>LO4.4 Prevention measures</p> <p>LO4.5 Current legislations, its implications and applications</p> <p>LO4.6 Importance of validity, reliability and bias when collecting and using data and information</p>	<p><b>RO12 JANUARY EXAM</b></p> <p>RO13 PROJECT PREPARATION</p> <p><b>START PROJECT</b></p> <p>LO6.1 Selection and justification of the appropriate tools and techniques and formats to process data to meet the defined objectives in a given context</p> <p>LO6.2 Selection of appropriate tools and techniques to present information to meet the defined objectives in a given context and justification of the use of the selected tool and format</p> <p>LO6.3 The resources required for presenting information and data and the appropriateness of the use of these in context</p>	<b>RO13 PROJECT</b>	<p><b>RO13 PROJECT COMPLETION</b></p> <p><b>RO13 MODERATION AND SUBMISSION</b></p> <p><b>RO12 RESIT/EXAM PREPARATION</b></p>	<b>RO12 EXAM REVISION JUNE EXAM SERIES</b>