UWA Plus Micro-credentials
Critical Information Summary

Title and brief description	CITSM102 Computer Science without Computers (UWA Starter). What do computer scientists do? What challenges do they solve? This micro-credential will answer those questions for you, giving you examples and hands-on exercises to do, all without computers!
Certified learning	(1) apply basic concepts of data structures and algorithms; (2) demonstrate an understanding of the principles of computer organization and architecture; (3) design and create algorithmic solutions to solve problems; and (4) compare data structures and algorithms to choose appropriate method to the given problem.
How learner participated	Onsite only
Effort required (indicative)	Total 50 learning hours comprising: - lectures: 7 x 2 hours lectures; - labs: 5 x 2 hours labs; - assessments: 4 hours for the project and 2 hours for the test; - self-study: 20 hours for preparation, readings, revision etc.
Main assessment task	Application of multiple skills to complex problems
Indicative equivalent level	Undergraduate
Industry recognition	NA
Quality assurance	The quality of UWA Plus micro-credentials is assured through The University of Western Australia's standards and academic integrity processes.
Successful learner earns PD Points for conversion to:	2
. Admission to an award course	No
. Credit towards an award course	Yes
. If yes, how much credit?	Credit is less than one unit