UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	MINEM523 Tailings Dewatering Technologies. This micro-credential has been designed for professionals working in the field of tailings management. It is best suited to practicing engineers, geoscientists or individuals with responsibility for designing and/or operating a tailings storage facility who are interested in alternative solutions for managing tailings. It is the third of three micro-credentials in Tailings Operations and Water Management. Participants will learn about technologies used for enhanced dewatering to produce high density, non-segregating tailings as well as filtered, unsaturated tailings and how to transport and deposit such material, as well as examples of successful projects currently using approaches such as these.
Certified learning	(1) describe the various technologies available for enhanced tailings dewatering; (2) calculate water savings that are achievable with different technologies; (3) evaluate the degree of difficulty of implementing high density and/or filtered tailings solutions at an existing site, as well as greenfield sites; and (4) detail the likely changes in water management strategies as well as choosing suitable monitoring technologies.
How learner participated	Online only
Effort required (indicative)	50 hours, including online contact hours, personal study time and assessments.
Main assessment task	Application of multiple skills to complex problems
Indicative equivalent level	Postgraduate
Industry recognition	None
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