



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	<p>MINEM541 Tailings Compliance. 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 managing and/or operating a tailings storage facility who are interested in the relationship between various governance approaches and associated documents, as well as the evolving landscape of tailings governance. It is the first of three micro-credentials in Tailings Governance.</p> <p>Participants will learn about the transition from prescriptive approaches to TSF regulation and governance, to an increasingly risk-based approach, which included the introduction of the concept of Consequence Category. The philosophy behind the Consequence Category approach and implications on design and operations of TSFs is explored. The discussions include an introduction to the use of detailed dam-break studies and how outcomes from such studies are used to inform consequence categories.</p>
Certified learning	<p>(1) assess the Consequence Category of a range of TSFs using desktop studies; (2) compare various approaches to assessing potential risks associated with TSFs; (3) differentiate between the requirements of guidelines developed by various international and national agencies; and (4) identify and evaluate the key features to be included in an Integrated Knowledge Base for both existing and future TSFs.</p>
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	N/A
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
