



UWA Plus Micro-credentials

Critical Information Summary

Title and brief description	<p>MINEM532 Tailings Monitoring. 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 input into risk assessments of tailings storage facilities, although the content covered and the principles discussed will find relevance in all fields of mining geomechanics. It is the second of three micro-credentials in Tailings Risk Evaluation.</p> <p>Participants will learn about modes of failure, current and emerging monitoring technologies, working towards achieving ALARP, implementing TARPs and various controls and control effectiveness.</p>
Certified learning	(1) articulate the link between a Failure Modes and Effects analysis and credible failure modes; (2) identify the primary causes of key failure modes and identify incipient develop of failures; (3) compare and contrast available monitoring technologies; and (4) evaluate the validity of the Observational Approach to credible failure modes.
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
Quality assurance	None
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
