



### Online course delivered over 8 weeks

<b>Module 0: Introduction</b>	
	Welcome to the course
	Navigation
	Pre-course survey
<b>Module 1: What metallurgists need to know about minerals</b>	
1.1: Minerals	1.1.1: Crystal structure and chemistry
	1.1.2: Classification
	1.1.3: Element to mineral conversion
1.2: Ore deposits	1.2.1: Types and processing implications
	1.2.2: Texture and liberation
<b>Module 2: Tools for characterisation</b>	
2.1: Tools for characterisation	2.1.1: Current tools for characterisation
	2.1.2: Strategies for tool selection
	2.1.3: The new tools
<b>Module 3: Managing and using the data</b>	
3.1: Managing and using the data	3.1.1: How to navigate the software
	3.1.2: Reviewing the data
	3.1.3: Basic data checks
<b>Module 4: Identifying opportunities and troubleshooting</b>	
4.1: Identifying opportunities and troubleshooting	4.1.1: Strategies for assessing data
	4.1.2: Analysis on data set
4.2: Course evaluation	

Each module uses a range of the latest online learning techniques to deliver knowledge in an interesting and informative way. As a professional development activity, the course contact hours are equivalent to a three day intensive, face-to-face course.

To register visit:

<https://smi.uq.edu.au/process-mineralogy>