



The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

MINING AND MINERAL PROCESSING ENGINEERING COURSE EQUIVALENTS

2009 Edition

Note: No Mining and Mineral Process Engineering courses are offered at the University of Calgary. The list below is for the University of Alberta.

University of Alberta

09-MMP-A1 EAS 210 & EAS 224	General Geology and Exploration Engineering Earth Science Minerology I
09-MMP-A2 MIN E 414	Underground Mining Methods and Design Underground Mining Methods
09-MMP-A3 CME 421	Mineral Processing Mineral Processing
09-MMP-A4 MIN E 310 & MIN E 408	Mine Valuation and Mineral Resource Estimation Ore Reserve Estimation Mining Enterprise Economics
09-MMP-A5 MIN E 413	Surface Mining Methods and Design Surface Mining and Waste Management
09-MMP-A6 MIN E 413 & ENV E 302	Mining and the Environment Surface Mining and Waste Management Environmental Impact Assessment
09-MMP-B1 MIN E 323	Applied Rock Mechanics Rock Mechanics
09-MMP-B2 MIN E 324	Rock Fragmentation Drilling, Blasting and Explosives
98-MMP-B3 MIN E 330	Material Handling Mine Transport and Plant Engineering
09-MMP-B4 MINE 407 & ENGG 404	Occupational Health, Safety and Loss Management Principles of Mine Ventilation Engineering Safety and Loss Management

09-MMP-B5 Mill Design and Operations
MAT E 464 Materials Process Design
&
CME 422 Interfacial Engineering in Mineral Processing

09-MMP-B6 Mill Process Control
CH E 446 Process Dynamics and Control
&
CME 422 Interfacial Engineering in Mineral Processing

09-MMP-B7 Extractive Metallurgy
CME 472 Extractive Metallurgy

09-MMP-B8 Mine Management and Systems Analysis
ENG M Project Management and Entrepreneurship
OR
CIV E 303 Project Management
&
MIN E 408 Mining Enterprise Economics

09-MMP-B9 Rock Slope Engineering
CIV E 381 Soil Mechanics
&
MIN E 323 Rock Mechanics

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