



The Association of Professional
Engineers and Geoscientists of Alberta
MINING AND MINERAL PROCESSING ENGINEERING
COURSE EQUIVALENTS
2018 Edition

University of Alberta

18-MMP-A1	General Geology and Exploration
EAS 210	Engineering Earth Science
&	
EAS 224	Minerology I
&	
EAS 368	Ore Deposits Geology
18-MMP-A2	Underground Mining Methods and Design
MIN E 414	Underground Mining Methods
18-MMP-A3	Mineral Processing
CME 421	Mineral Processing
18-MMP-A4	Mine Valuation and Mineral Resource Estimation
MIN E 310	Ore Reserve Estimation
&	
MIN E 408	Mining Enterprise Economics
18-MMP-A5	Surface Mining Methods and Design
MIN E 413	Surface Mining Methods and Operations Management
18-MMP-A6	Mining and the Environment
MIN E 422	Environmental Impact of Mining Activities
&	
ENV E 302	Environmental Impact Assessment
&	
EAS 205	Environment Earth
18-MMP-B1	Applied Rock Mechanics
MIN E 323	Rock Mechanics
18-MMP-B2	Rock Fragmentation
MIN E 324	Drilling, Blasting and Explosives
18-MMP-B3	Material Handling
MIN E 330	Mine Transport and Plant Engineering
18-MMP-B4	Occupational Health, Safety and Loss Management
MIN E 407	Principles of Mine Ventilation
&	
ENGG 404	Engineering Safety and Risk Management-Leadership in Risk Management

18-MMP-B5 Mill Design and Operations
MAT E 464 Materials Process Engineering Design

18-MMP-B6 Mill Process Control
CH E 446 Process Dynamics and Control

18-MMP-B7 Extractive Metallurgy (16-Chem-B7 Extractive Metallurgy)
CME 472 Extractive Metallurgy

18-MMP-B8 Mine Management and Systems Analysis
ENG M 402 Project Management and Entrepreneurship
OR
CIV E 303 Project Management
&
MIN E408 Mining Enterprise Economics

18-MMP-B9 Rock Slope Engineering
CIV E 481 Soil Engineering
&
MIN E 323 Rock Mechanics

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