



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

University of Alberta

18-MMP-A1 EAS 210 & EAS 224 & EAS 368	General Geology and Exploration Engineering Earth Science Minerology I Ore Deposits Geology
18-MMP-A2 MIN E 414	Underground Mining Methods and Design Underground Mining Methods
18-MMP-A3 CME 421	Mineral Processing Mineral Processing
18-MMP-A4 MIN E 310 & MIN E 408	Mine Valuation and Mineral Resource Estimation Mineral Reserve Estimation Mine Economics & Analytics
18-MMP-A5 MIN E 413	Surface Mining Methods and Design Surface Mining Methods and Operations Management
18-MMP-A6 MIN E 422 & ENV E 302 & EAS 205	Mining and the Environment Environmental Impact of Mining Activities Environmental Impact Assessment Violent Earth: Geology of Catastrophic Events
18-MMP-B1 MIN E 323	Applied Rock Mechanics Rock Mechanics
18-MMP-B2 MIN E 324	Rock Fragmentation Drilling, Blasting and Explosives
18-MMP-B3 MIN E 330	Material Handling Mine Transport and Plant Engineering
18-MMP-B4 MIN E 407 & ENGG 404	Occupational Health, Safety and Loss Management Principles of Mine Ventilation Engineering Safety and Risk Management-Leadership in Risk Management
18-MMP-B5 MAT E 464	Mill Design and Operations Materials Process Engineering Design
18-MMP-B6 CH E 446	Mill Process Control Process Dynamics and Control
18-MMP-B7 CME 472	Extractive Metallurgy (16-Chem-B7 Extractive Metallurgy) Extractive Metallurgy
18-MMP-B8 ENG M 402 OR CIV E 303 & MIN E408	Mine Management and Systems Analysis Project Management and Entrepreneurship Project Management Mine Economics & Analytics
18-MMP-B9 CIV E 481 & MIN E 323	Rock Slope Engineering Soil Engineering Rock Mechanics

Updated October 2025