

Bachelor of Science in Mining Engineering†

Department of Mining and Geological Engineering

Mapping of Courses and Activities to Program Outcomes

(H=High, L=Low)

Student Outcome MGE Course	a	b	c	d	e	f	g	h	i	j	k
Electric Circuits & Mine Power Systems, MNE 204	H										
Introduction to Mining Engineering, MNE 205	L		H	H	H		L	L		L	
Mineralogy and Petrology for Engineers, MNE 210	H	H									
Mineral Resource Engineering Topics, MNE 296A							H			H	
Mine Safety, MNE 297A						H				L	
Heavy Mining Equipment , MNE 297B						H				L	
Mine Rescue, MNE 297C						H				L	
Technical Trends in Mineral Resources, MNE 396A						H	H			H	
Probability and Statistics, MNE 402	H										L
Mineral Processing, MNE 411	H				L					L	
Rock Excavation, MNE 415	H		H		H		H				L
Geometallurgy, MNE 418	H	H	L	L		L	L				
Mine Planning Software, MNE 419											H
Engineering Sustainable Development, MNE 422			L			H		H	H		
Health and Safety in Mining, MNE 426						H	H	H			
Geomechanics, MNE 427	H	H			H						L
Mine Examination and Valuation, MNE 430	L			H	H		L				L
Surface Mine Design and Planning, MNE 436			H	H	H				H		H
Underground Mine Design, MNE 438			H	H	H						H
Surface Chemistry of Flootation, MNE 439	H	H					L				
Reclamation, MNE 441					H	H		H	L		
Geopositioning/Mine Surveying, MNE 444	L	H		H	H					L	H
Underground Construction Geomechanics, 447	L		H	L	H		L		H	L	H
Elements of Solution Mining, MNE 450	H				L					H	
Hydrometallurgy, MNE 465	H				L					H	
Mine Ventilation, MNE 476 or MNE 406A	H	H	H	H	H		L			L	H
Fundamentals of Ind/Env Health, MNE 484	H	L				H		H	H	L	L
Senior Capstone, MNE 498				H	H		H		H		H