

Certificate Mining



PURPOSE: The Mining Certificate is structured to train and educate supervisors and electricians to work in a very technical, computerized environment. The curriculum has been designed by mining employers to provide the skills and competencies needed by today's miners. Well-equipped laboratories provide "hands-on" experience to reinforce technical subject material. This training is very important as it exposes the student to troubleshooting techniques used in the field. There is a strong laboratory component in each technical class. Computers are an integral part of each class. Both day and evening classes are taught in order to provide students with scheduling flexibility.

PROGRAM REQUIREMENTS: Credit may be given for previous work experience and certifications. Although the program is designed to educate and train miners entering the mining industry, the certificate offers increased skill levels and knowledge for experienced miners as well. Miners desiring promotion to upper level managerial positions should also take advantage of this excellent opportunity.

General Education and Core Courses				
ENG	100	Basic Occupational Communication		3
EMT	105 ²	First Responder		3
ITE	115	Introduction to Computer Applications and Concepts		3
IND	137	Team Concepts and Problem solving		3
MTH	105	Survey of Tech. Math I		2
MIN	195	Intro to Mining		3
MIN	287 ¹	New Miner Training UG		2
MIN	288	New Miner Training Surface		1
SAF	126	Principles of Industrial Safety		3
SDV	100	College Success Skills		1

Mine Electrician Option				
ELE	239	Programmable Controllers		3
ETR	295	Topics in Advanced motor Controls		3
MEC	155	Mechanism		2
MEC	266	Fluid Mechanic		3
MIN	131 ³	Mine Electricity I		4
MIN	132	Mine Electricity II		4
MIN	295	Topic in Mine Machinery Operation & Maintenance		3
WEL	100	Fundamentals of Welding		3
Total Minimum Credits for Certificate				49

Mine Management Option				
BUS	11	Principles of Supervision I		3
BUS	200	Principles of Management		3
ENV	227	Environmental Law		3
MIN	228 ⁴	Mine Foreman and Ventilation Training		4
MIN	190	Coordinated Internship in Mine Management		4
PSY	120	Human Relations		
Total Minimum Credits for Certificate				44

¹Credit for MIN 287 and/or MIN 288 may be given for current New Miner Certification. ²HLT 119 may substitute for EMT 105. ³Credit for MIN 131 and/or MIN 132 may be given for current Mine Electrician Certification. ⁴ Credit for MIN 228 may be given for current Mine Foreman certification.

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