

COAL MINING TECHNOLOGY ASSOCIATE IN APPLIED SCIENCE DEGREE (CMT D295)

✓ FCC	LTC	OCC	WVC
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Coal Mining Technology prepares the student for a rewarding career in the mining industry. The Illinois Department of Mines and Minerals, the U.S. Bureau of Mines, MSHA, United Mine Workers of America, and various coal companies have worked closely with IECC in the development of the program.

Job opportunities for graduates in the mining industry include: maintenance foreman, repairman, miner, and various mine technician positions. Machine repair, welding, hydraulics, and electrical skills achieved in this program are transferable to occupations outside the mining industry.

First Semester			Credit Hours 14
CMT 1200	Introduction to Mining		V3
CMT 1250	Mine Ventilation		V4
CMT 2250	Mine Electrical Maintenance I		V4
MTH 1201	Technical Mathematics ¹		V3

Third Semester	Credit Hours	15
CMT 1230 First Aid	V4	
CMT 2230 Mine Hydraulics I	V4	
CMT 2290 Mining Systems	V4	
Science Gen Ed Elective ¹	3	

Second Semester			Credit Hours 15
CMT 1220	Roof Control		V3
CMT 1240	Mining Law		V4
CMT 2210	Mine Machinery Repair I		V4
CMT 2260	Mine Electrical Maintenance II		V4

Fourth Semester		Credit Hours	16
CMT 1210	Accident Prevention	V3	
CMT 2240	Mine Hydraulics II	V4	
	Communications Gen Ed Elective ¹	3	
	Humanities Gen Ed Elective ^{1*}	3	
	Social Science Gen Ed Elective ^{1*}	3	

Total Credit Hours	60
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¹General Education Hours (15)

*One of these courses must satisfy the IECC human diversity requirement.

COAL MINING TECHNOLOGY CERTIFICATE (CMT C297)

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The Coal Mining Technology certificate provides introductory core courses in coal mining technology. Job opportunities through the certificate program are the same opportunities as listed for the degree and include: maintenance foreman, repairman, miner, and various mine technician positions. Machine repair, welding, hydraulics, and electrical skills achieved in this program are transferrable to occupations outside the mining industry.

First Semester			Credit Hours 14	Second Semester			Credit Hours 15
CMT 1200	Introduction to Mining		V3	CMT 1230	First Aid		V4
CMT 1210	Accident Prevention		V4	CMT 1250	Mine Ventilation		V4
CMT 1220	Roof Control		V3	CMT 2210	Mine Machine Repair I		V4
CMT 1240	Mining Law		V4	CMT 2290	Mining Systems		V3
				Total Credit Hours			29

MINE ELECTRICAL MAINTENANCE III CERTIFICATE (CMT C296)

The Mine Electrical Maintenance III meets MSHA (Mine, Safety & Health Administration) training requirements for an electrical card.

One Semester		Credit Hours 8
CMT 2280	Mine Electrical Maintenance III	V8
Total Credit Hours		8

COAL MINING MAINTENANCE I CERTIFICATE (CMM1 C505)

The Coal Mining Maintenance I certificate program is designed to prepare students to fulfill specific job requirements in production-management and maintenance areas of various industries.

Students who complete the certificate program should qualify for technical-level positions in industries in maintenance and/or production-management. Typical job titles would include electrician, repairman, mine manager, mine examiner, section foreman, fluid power technician, and maintenance technician.

First Semester			Credit Hours 11	Second Semester			Credit Hours 12
CMT 1200	Introduction to Mining		V3	CMT 2210	Mine Machine Repair I		V4
CMT 2230	Mine Hydraulics I		V4	CMT 2240	Mine Hydraulics II		V4
CMT 2250	Mine Electrical Maintenance I		V4	CMT 2260	Mine Electrical Maintenance II		V4
				Total Credit Hours			23