



Freeport McMoRan, Inc. sponsors a mining program which is designed to prepare students for direct employment in the mining industry. There are special admission requirements for the mining program concentration. Call 928.776.2002 for details.

Fall Term 1 18 credit hours		Hours	Notes
• AGS 101 Microcomputers in Agriculture OR CSA 126 Microsoft Office for Windows		3	
• MAT 100 Technical Mathematics <i>Mathematics</i>		3	Prerequisite: MAT 082 or a satisfactory score on the mathematics skills assessment.
• AUT 103 Automotive/Diesel Preventative Maintenance		4	
• AUT 135 Diesel Braking Systems		4	
• AUT 295 Apprenticeship: Diesel		3	
• MET 150 Surface Mine Safety Training		1	
Term hours subtotal:		18	
Spring Term 1 13 credit hours		Hours	Notes
• MET 160 Basic Machine Hydraulics and Pneumatics		2	
• BIO 105 Environmental Biology <i>Physical and Biological Science</i>		4	Prerequisite: Reading Proficiency
• AUT 230 Advanced Light/Medium Duty Diesel Diagnosis 1500-4500 Series		4	
• AUT 295 Apprenticeship: Diesel		3	
Term hours subtotal:		13	
Summer Term 1 7 credit hours		Hours	Notes
• AUT 128 Auto/Diesel Heating and Air Conditioning		4	
• PSY 101 Introductory Psychology <i>Arts and Humanities OR Social and Behavioral Science</i>		3	
Term hours subtotal:		7	
Fall Term 2 19 credit hours		Hours	Notes
• AUT 108 Diesel Engine Repair Technology		4	
• AUT 109 Auto/Diesel Electrical Systems		4	
• AUT 295 Apprenticeship: Diesel		3	
• COM 100 Introduction to Human Communication <i>College Composition or Applied Communication</i>		3	Prerequisite: Reading Proficiency
• WLD 113 Basic Welding II		2	
1st 8 weeks			
• ENG 136 Professional Writing in the Workplace <i>College Composition or Applied Communication</i>		3	Prerequisite: Satisfactory score on the English skills assessment or ENG 095.
Term hours subtotal:		19	
Spring Term 2 19 credit hours		Hours	Notes
• AUT 208 Advanced Diesel Engine Repair		4	Prerequisite: AUT 108
• AUT 225 Diesel Engine Performance		4	Prerequisite: AUT 109
• AUT 124 Auto/Diesel Manual Drive Trains		4	
• AUT 295 Apprenticeship: Diesel		3	
• ART 113 Three-Dimensional Design <i>Arts and Humanities OR Social and Behavioral Science</i>		3	Prerequisite: Reading Proficiency
• MET 116 Rigging		1	
Term hours subtotal:		19	

This recommended sequence is not a binding agreement of any kind between Yavapai College and the student, but merely represents a potential curriculum that may be altered as appropriate to meet the student's academic objectives. Course availability is subject to change and all courses are not available every semester. Students should inquire each semester with their Advisor before registering to determine current requirements and possible changes to the suggested curriculum.