
MINE ENGINEERING

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MINE 101 Mining Engineering I**1-2 Credits**

Freshman year experience course providing an introduction to the mining industry, the mining engineering and related disciplines and career paths for mining engineers. Prerequisite:

MINE 102 Mining Engineering II**1-2 Credits**

Foundational computer skills needed in upper division engineering classes including spreadsheet programming, large data analysis, engineering drawing, mathematical programming, and an introduction to mine design software. Prerequisite: Must have completed MINE 101.

MINE 210 Mining Methods**2 Credits**

This sophomore class builds on MINE 101 and offers information on mining methods and systems with emphasis on conventional surface and underground mining methods with a brief overview of less common or novel mining methods and systems. The course discusses the various stages in the life of a typical mine (surface and underground), equipment characteristics, equipment selections, and introduces typical terminologies of surface and underground operations, providing an introduction to the mining industry, the mining engineering and related disciplines, and career paths for mining engineers. Prerequisite: Must have completed MINE 101 and MINE 102.