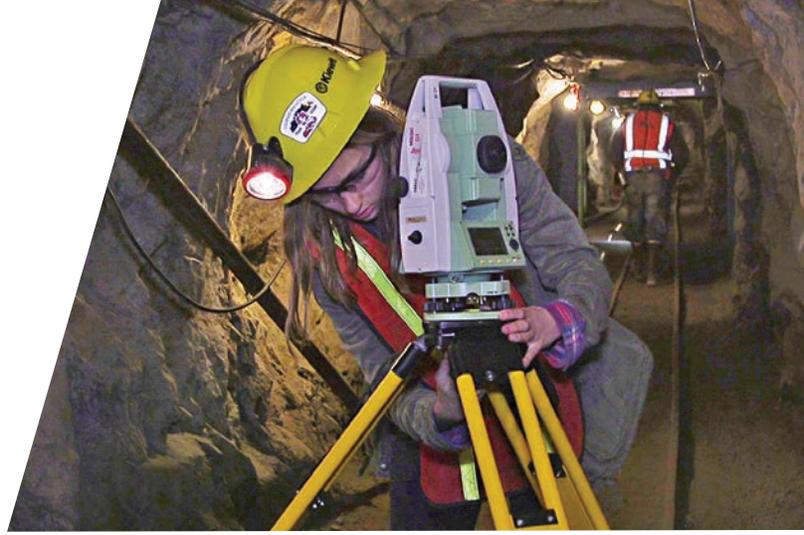


DEPARTMENT OF MINING ENGINEERING

MINING.MINES.EDU



HELPING SOLVE SOCIETY'S GRAND CHALLENGES

The Department of Mining Engineering represents the original area of excellence on which Colorado School of Mines has built its reputation. Since Mines was founded over a century ago to train gold rush miners, mining engineering has changed greatly, becoming increasingly multidisciplinary, incorporating advanced technologies and capitalizing on new scientific discoveries.

MINE RESCUE AND SAFETY TRAINING



The Energy, Mining and Construction Industry Safety (EMCIS) Program offers Mine Safety and Health Administration certification classes on a regular basis, serving as a lead resource for the Western United States' mining industry. Separate from EMCIS is the Student Mine Rescue Team, founded in 2009 as one of the first collegiate mine rescue teams in the world. Mines is now home to three teams that travel to compete in MSHA Mine Rescue Competitions

EDGAR EXPERIMENTAL MINE

When the Edgar Mine in Idaho Springs opened in the 1870's, it was among many others in the era's feverish search for silver and gold. Today, while many of those mines are abandoned, the Edgar Mine remains as an underground classroom for future engineers, providing hands-on experience for students being trained to find, develop and process the world's natural resources.

40+
Industry
partners

EXCAVATION ENGINEERING AND EARTH MECHANICS INSTITUTE



The Excavation Engineering and Earth Mechanics Institute (EMI) was established in 1974 to enhance education and research in the field of excavation technology both for mining and civil underground construction.

EMI houses state-of-the-art technology that enables researchers to perform tests and develop methods to optimally design mechanical mining machines, tunnel-boring systems and more.

AREAS OF STUDY

To adapt to the 21st century, the department is constantly updating its curriculum to address technological advances such as mining automation and big data.

DEGREES OFFERED

- ✓ Mining Engineering
Bachelor's offered
- ✓ Mining and Earth Systems Engineering
Master's and PhD offered
- ✓ Underground Construction and Tunnel Engineering
Master's and PhD offered

MINORS

- + Mining Engineering
- + Explosives Engineering
- + Underground Construction and Tunnel Engineering

\$63,522 Average salary offer for 2016-17 graduates with a bachelor's



Mines was ranked as the #1 mining school in the world in 2016 and 2017 by the QS World University Rankings.