

# CAREER PATHWAY TO MINING SURVEYOR



## CORE

- CNST 120- INTRO TO CONSTRUCTION
- CE 204- ENGINEERING GRAPHICS
- SURV 264- FUNDAMENTALS OF SURVEYING
- SURV 310- LEGAL ASPECTS OF SURVEYING
- CNST 211- CIVIL CNST MATERIALS & METHODS
- GEOG 202- NATURAL RESOURCES MGMNT & SUSTAINABILITY
- CNST 341- PLANS & SPECIFICATIONS
- GEOG 320- CARTOGRAPHY
- SURV 470- INTERNSHIP
- GEOG 321- QUANTITATIVE TECHNIQUES
- GEOG 322- AIR PHOTO INTERPRETATION
- SURV 482- ADV SURVEY SYSTEMS & SR ASSIGNMENT
- GEOG 418- GEOGRAPHIC INFORMATION SYSTEMS (GIS)
- GEOG 422- REMOTE SENSING
- SURV 484- SURVEY APPS & COMPS & SR ASSIGNMENT
- CNST 411- CONSTRUCTION CONTRACTS
- CNST 415- LAND DEVELOPMENT

## TECHNICAL ELECTIVES

- SURV 481- COMPUTER MAPPING & APPLICATIONS





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## DID YOU KNOW...

- Copper was one of the first metals to be unearthed.
- The world's largest open-pit mine is in the state of Utah.
- Pure gold can be molded with your hands.
- 80% of the world's gold is still believed to be undiscovered.

## MAIN DUTIES

- Chart surface areas using GPS
- Indicate the risks or dangers at a mining location on a mine plan sheet
- Create 3D models of mining sites using digital imaging and design software

## AVERAGE ANNUAL WAGE

- National - \$64,150
- Illinois - \$67,635
- Missouri - \$48,285

