

TUCSON & SOUTHERN ARIZONA: MINING TECHNOLOGY

THE COMPLETE PACKAGE



Copper mining has been an important part of Arizona's economy for more than a century. **More than 60% of the nation's copper comes from Southern Arizona***. The rich history of mining in the state, along with the expertise at the University of Arizona's Lowell Institute for Mineral Resources, has resulted in Tucson becoming a world leader in mining technology.

** 2015 US Geological Survey (USGS)*

FAST FACTS

Tucson has **one of the fastest growing technology workforces in the U.S.** over the last ten years, increasing by 33%.

Oliver Wyman Forum 2019

Southern Arizona is home to:

- **Caterpillar Tucson Proving Grounds & Tinaja Hills Demonstration & Learning Center**
- **Komatsu Arizona Proving Grounds**

There are **over 700 graduates*** from the UA College of Engineering that work to support the mining industry, which provides over **44,000 direct and indirect jobs**** in Arizona.

** UA Factbook 2018
** Arizona Mining Association 2017*

KEY EMPLOYERS



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SUN CORRIDOR INC

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BUILT TO WIN: THE UNIVERSITY OF ARIZONA



The **Lowell Institute for Mineral Resources** at the University of Arizona is the only research institute in the U.S. with the depth of expertise to tackle challenges critically important to modern mining. **More than 200 university researchers connect across 26 disciplines** to advance the sustainable development of mineral resources.



The San Xavier Underground Mining Laboratory is the **only student-run multi-level mining lab with a working vertical shaft in the United States**. The laboratory for research and training has been operated by the University of Arizona Department of Mining and Geological Engineering since 1958.



The **University of Arizona Management Information Systems** program at the Eller College of Management was ranked the **#1 public MIS undergraduate program in the U.S. in 2019***. Since pioneering one of the nation's first Management Information Systems (MIS) curricula over four decades ago, the MIS Department at The University of Arizona has become a leader in IT education and research.

** U.S. News & World Report 2019*



Mining 360, a certificate program jointly sponsored by **Caterpillar and the UA Department of Mining and Geological Engineering in 2016**, provides a custom educational experience to Caterpillar employees where they visit real mines, consult on engineering solutions, or design a feasibility project. The program is a shining example of how the **UA is helping high-impact businesses in Arizona educate and retain their best employees**.

WHAT EMPLOYERS SAY



I think the biggest single thing Tucson did was demonstrate a **tremendous partnership across all levels of the different organizations involved** - from state, to the city, to the county, to Sun Corridor Inc., to the Rio Nuevo team. They were all **very flexible and very welcoming** in terms of how they engaged.

Tom Bluth
Chief Technology Officer
Vice President of Innovation & Technology Development Division
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