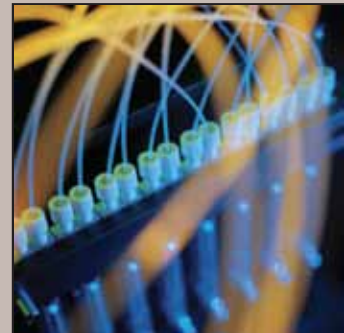


Utah's Engineering Initiative

\$2.5M Request

- **More than 2,000 engineering job openings in Utah today**
- **Starting salaries with BS engineering degrees average \$60,000/yr**
- **Utah students should fill these jobs**
- **\$2.5M in new ongoing funds will increase by 150 the State's annual engineering graduates**



Utah's Engineering Initiative

Utah has a critical shortage of engineers and computer scientists. The Department of Workforce Services lists 863 current job openings for engineers and computer scientists with a BS degree or greater and projected job growth is even higher. Industry surveys indicate over 2000 current job openings for engineers.

Engineering jobs have the highest starting salaries of any four-year degrees, averaging about \$60,000/yr, and adding substantially to the tax base. Increasingly, companies are recruiting talent out of state to fill the gap. We need these jobs to go first to Utah residents.

The Engineering Initiative is Utah's solution for increasing the number of graduates. The State's investments in the past resulted in a dramatic increase in the number of graduates. These graduates helped to attract and sustain the companies that are keeping Utah at the top of the Forbes list for business and job growth potential.

For \$2.5M in ongoing funds, Utah's state-wide engineering programs will produce more graduates by:

- Recruiting additional faculty for programs experiencing the most significant growth in student and industry demand.
- Strengthening articulation and improving educational efficiency via remote delivery, distance learning and creative partnerships among institutions.
- Increasing scholarships for engineering students, especially high achieving transfer students from in-state institutions that don't offer engineering.

The State has worked hard to attract and retain businesses that provide high paying jobs. Retaining that momentum will require an increasing number of well-educated engineers, computer scientists and engineering technicians.

The Engineering Initiative is priority request for these Utah companies:

Applied Composite Technologies

Ascend Business Partners

ATK

Bard Access Systems

EMC Corporation

EnergySolutions

EsNet

FatPipe Networks

Futura Industries

Goldman Sachs

GWAVA, Inc.

Hill Air Force Base

IBM

IM Flash Technologies

Inovar

L-3 Communications

MasterControl Inc.

Merit Medical Systems, Inc.

Metalcraft Technologies, Inc.

Michael Baker Jr., Inc.

Micron Technology, Inc.

Northrop Grumman Aerospace Systems

Purestream

Questar Gas

Questar Pipeline

Reaveley Engineers and Associates

Roberts & Schaefer Company

Salt Lake County Economic Development Committee

School Improvement Network

Siemens PLM Software

Thermal Management Technologies

Trask Britt

Utah Technology Council (UTC)

Van Boerum & Frank