



ENGINEERING OUR FUTURE
TOGETHER

UVU *College of*
ENGINEERING
& **TECHNOLOGY**
UTAH VALLEY UNIVERSITY



COLLEGE OF ENGINEERING & TECHNOLOGY

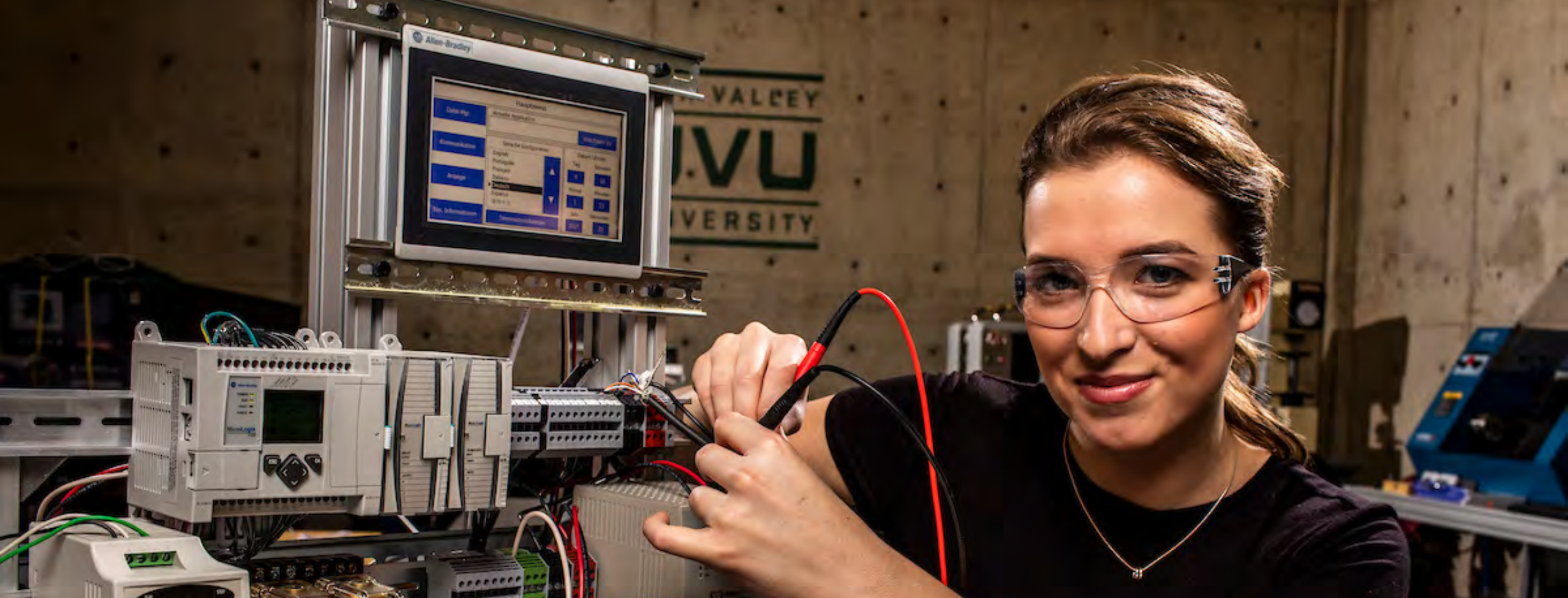
(\$79.9 M from the legislature; \$30 M from private donors)

**WE HAVE A SOLID HEADSTART, THANKS
TO SCOTT AND KAREN SMITH!**

**\$15 million to the University of Utah
and \$25 million to Utah Valley
University will expand computer
science programs**

Both the University of Utah and Utah Valley University have received millions of dollars to construct new buildings and attract more students to the field.





WORKFORCE (begins with a vision)



"If you are serious about building a high-tech economy, you'd better do something about engineering education."

**– John Warnock,
Co-Founder of Adobe Systems**





UTAH'S ECONOMY IS #1!

20%

Tech workers
account for one-fifth of
worker earnings

UTAH COUNTY AT THE CENTER OF TECH GROWTH

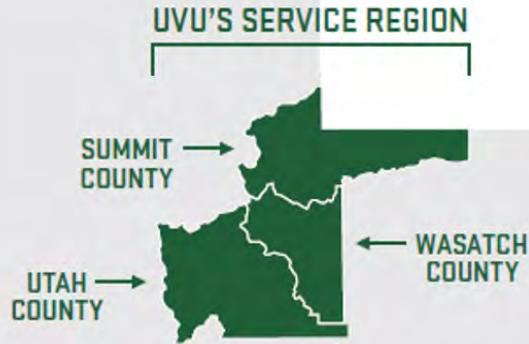
#1

county
for tech employment

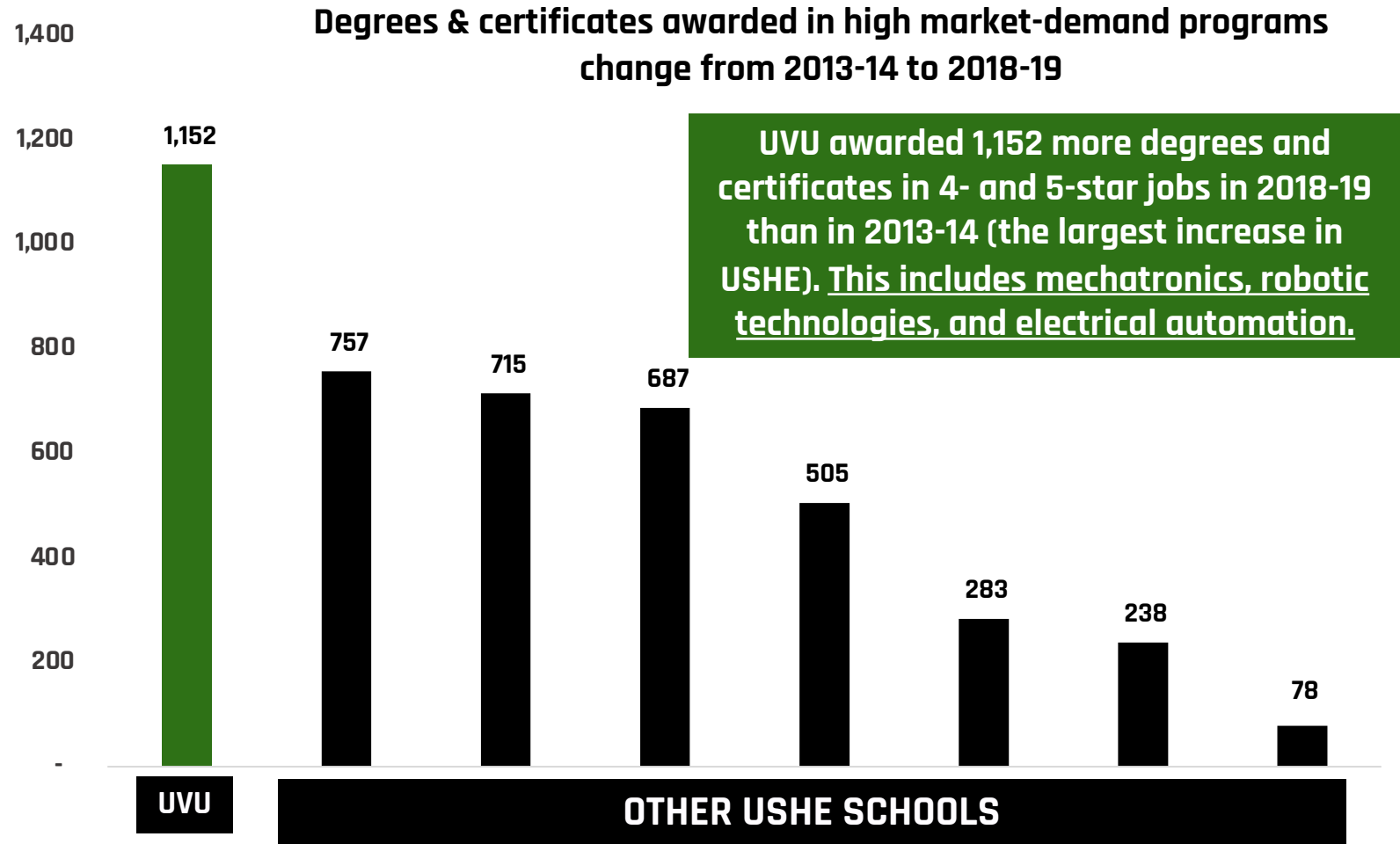
1/3

new jobs
projected to be in
Utah County by 2065

UVU GRADUATES ARE UTAH'S WORKFORCE



76%
of UVU graduates
are still in Utah
10 years after
graduation



The New York Times

*Intel to Invest at Least \$20 Billion in
New Chip Factories in Ohio*

“SILICON HEARTLAND”

**The Future,
Made in America**












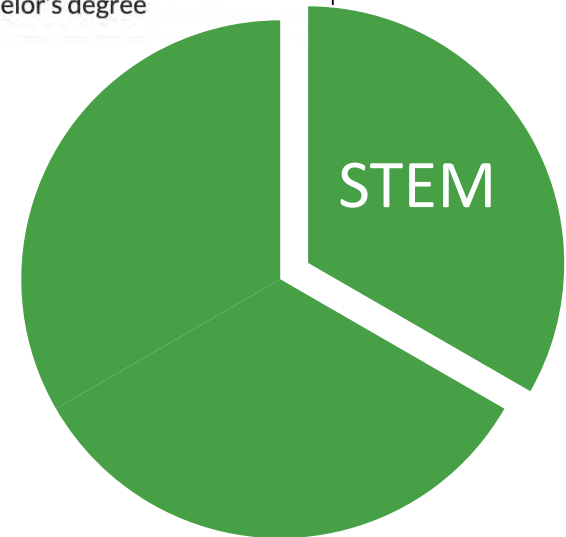
ACCESS & CAPACITY

41,262 students strong!



 30% are age 25 or older	 19% are students of color	 37% are first-generation students, meaning that neither of the student's parents completed a bachelor's degree
 38% are married or in a partnership	 17% support at least one child	
 49% work at least 21 hours per week 24% work more than 31 hours per week	 81% are employed while attending UVU	

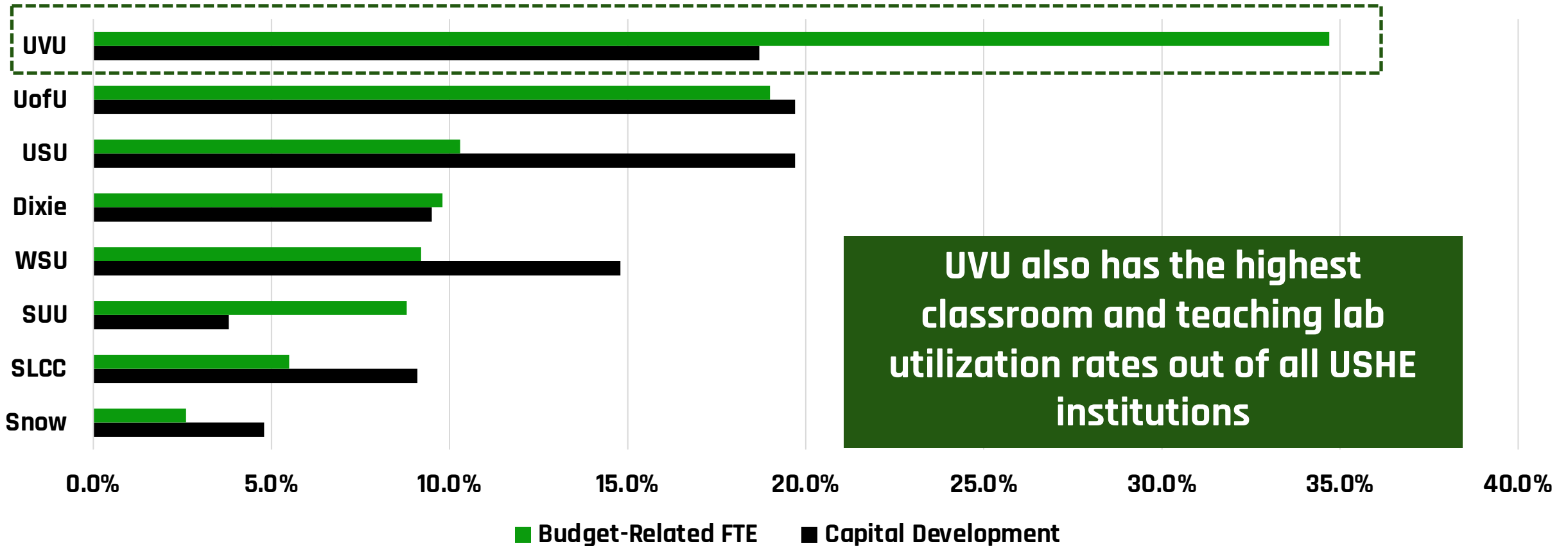
- 93 bachelor's degrees
- 69 associate degrees
- 11 master's degrees
- 57 certificates



1/3 of UVU's bachelor's degrees are in STEM fields

COMPARISON OF BUDGET-RELATED ENROLLMENT GROWTH AND NEW CAPITAL DEVELOPMENT FUNDING

% of USHE Total Change 1995 to 2020



UVU also has the highest classroom and teaching lab utilization rates out of all USHE institutions

GROWTH THAT NEEDS SUPPORT

2001...

Geneva Steel, after losing \$68M from January-September, laid off all 1,400 workers in Vineyard, UT County

Majors:
1,371

Useable SF per
major:
38

Majors:
4,461

Useable SF per
major:
11.8

THEN...

Utah County is home to 1,335 tech companies — over 20% of Utah's tech companies

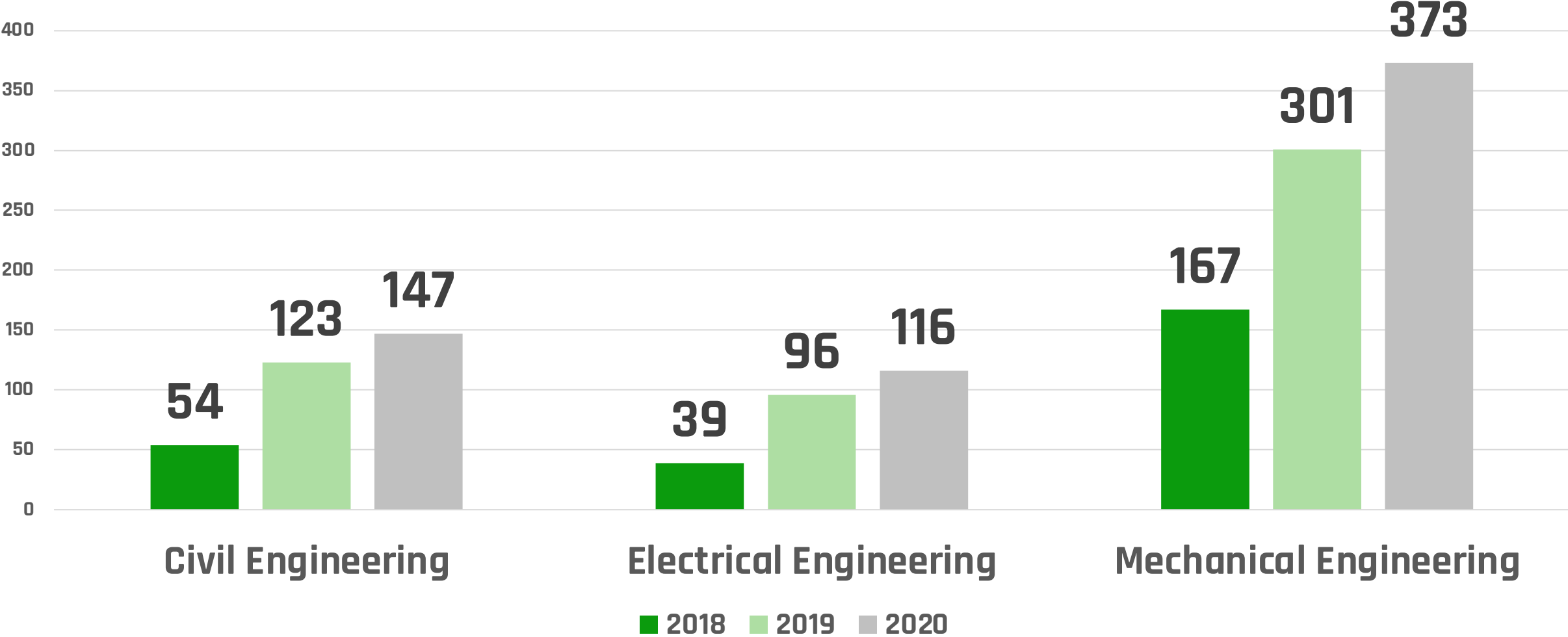
...2021



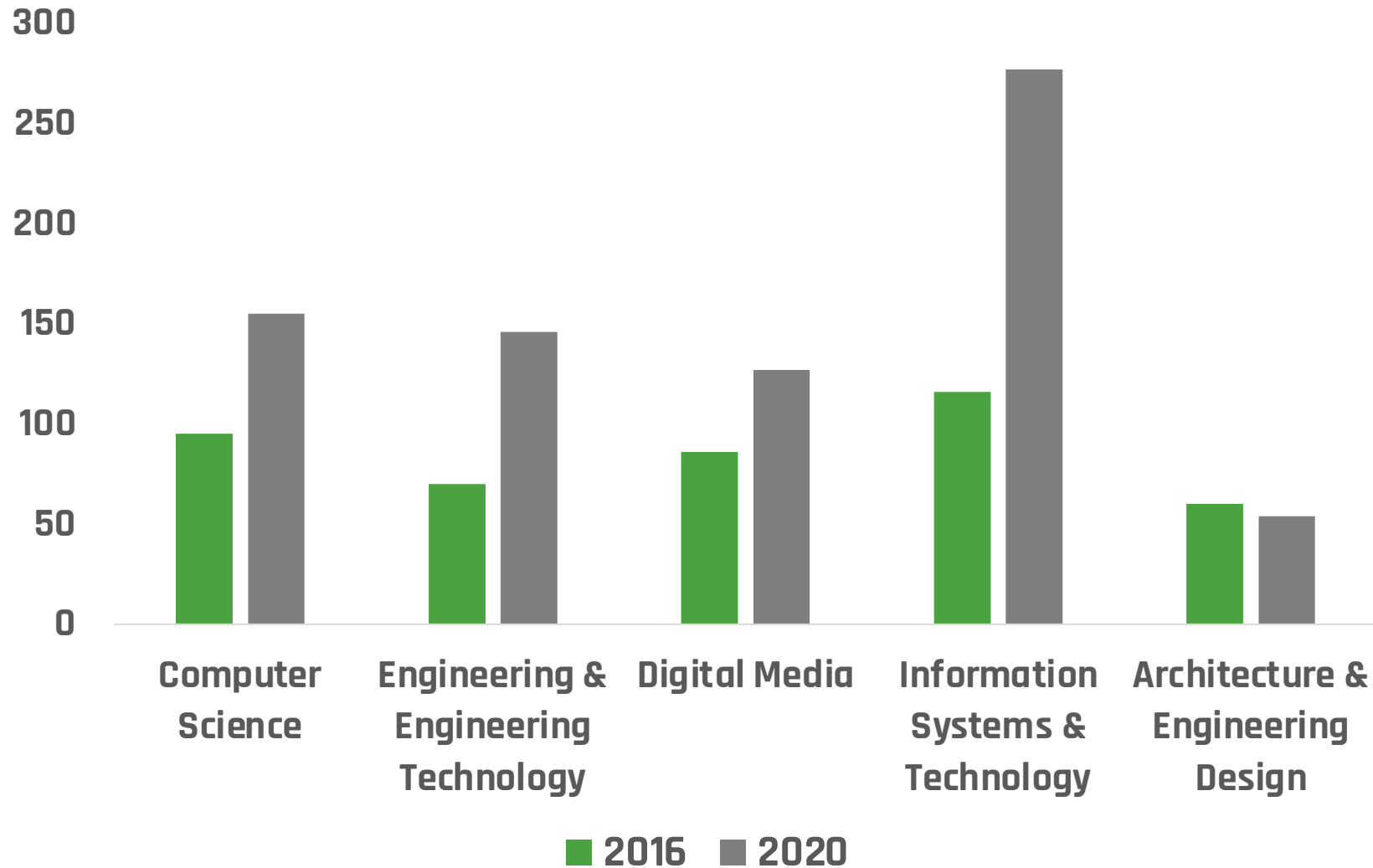
By 2025, UVU's engineering and computer science students will account for 45% of the College of Engineering and Technology's projected enrollment of 6,000.

UVU'S NEWEST ENGINEERING PROGRAMS

Fall Majors



UVU ENGINEERING & TECHNOLOGY GRADUATES

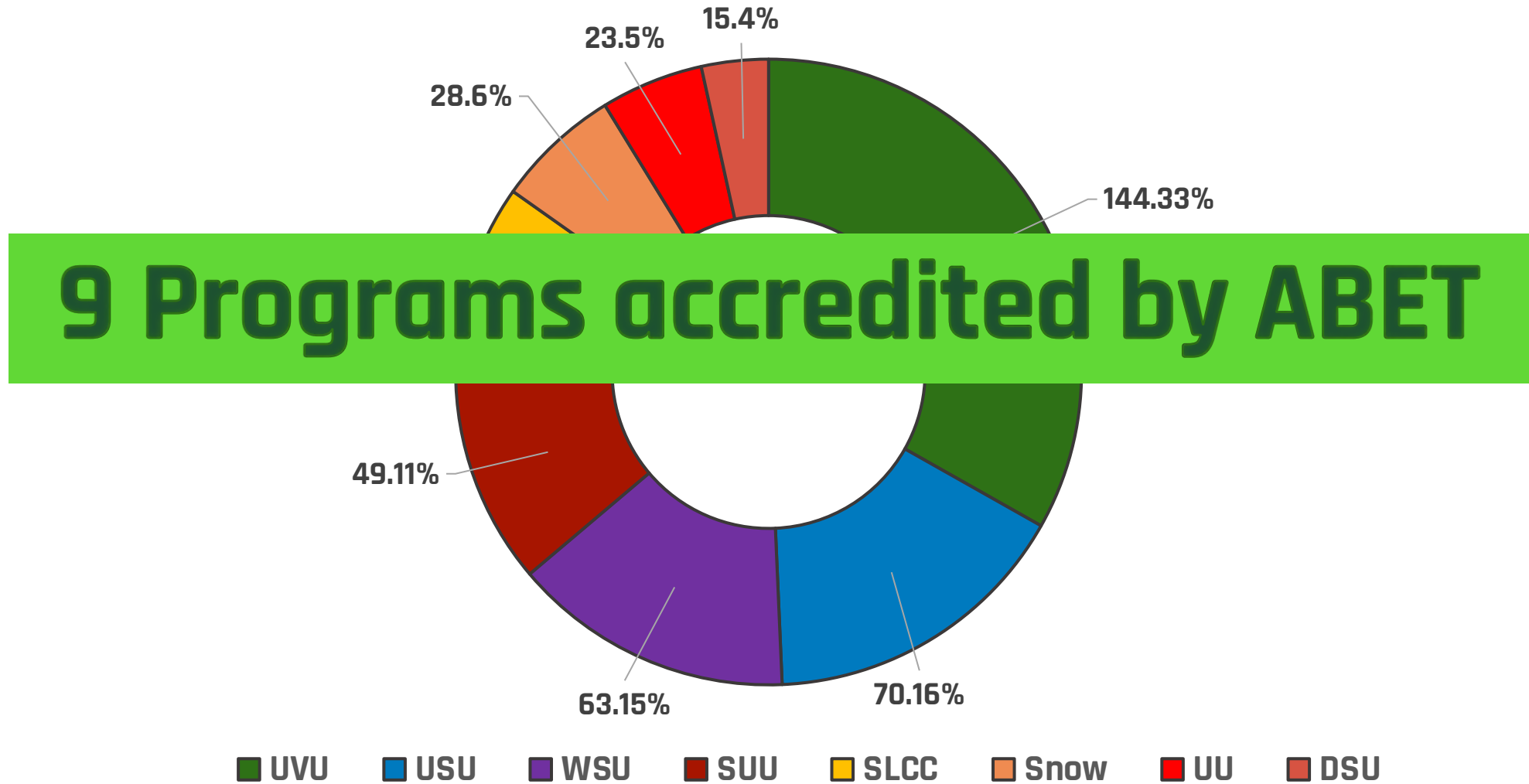


The College of Engineering and Technology

has increased the total number of awards given from **603 in 2016 to 982 in 2020**, equaling a **62.8% increase**.

The largest percentage of enrollment growth is occurring in upper-division courses. The **49.1% growth** in upper-division courses demonstrates that the college is moving students toward completion more efficiently.

ENGINEERING & COMPUTER SCIENCE GRADUATE INCREASE 2018-2020





AFFORDABILITY

COST-EFFECTIVE AND EFFICIENT BUILDING

UVU has consistently built high-value projects.

The Engineering Building will be cost-effective and efficient:

- ✓ **Utah's High-Performance Standards**
- ✓ **30% fenestration guidelines for the building's envelope**
- ✓ **Groundwater-based geothermal loop (HVAC)**
- ✓ **Low-bid delivery method**



JOB-READY GRADUATES AT THE HEART OF IT ALL!

3,680

Projected increase of engineering
job openings each year through 2028

-Dept. of Workforce Services



INTERACTIVE, INNOVATIVE, COLLABORATIVE



THANK YOU