



Tennessee
TECH

**President's Presentation to the
Executive Committee
Board of Trustees**

May 7, 2019

VISION



Tennessee Tech will achieve national prominence and impact through its engaged students, dedicated faculty, and career-ready graduates known for their creativity, tenacity, and analytical approach to problem solving.

MISSION



Tennessee's technological university creates, advances, and applies knowledge to expand opportunity and economic competitiveness. As a STEM-infused, comprehensive institution, Tennessee Tech delivers enduring education, impactful research, and collaborative service.

Tennessee Tech at-a-glance



10,186

2018-2019

UNDERGRADUATE: 9,006

GRADUATE: 1,180

STEM FIELDS: 3,853 (23.5% female)



75%

RETENTION RATE

Freshman-to-sophomore

(Fall 2017 — Fall 2018)



24.4

AVERAGE ACT SCORE
INCOMING FRESHMEN



R2

DOCTORAL
UNIVERSITIES – HIGH
RESEARCH ACTIVITY
Carnegie Classification



2,564

DEGREES CONFERRED 2017-18

UNDERGRADUATE: 2,173

GRADUATE: 391



55.1%

GRADUATION RATE

Six-year

(Fall 2012 Cohort)



\$16.4 MILLION

SPONSORED RESEARCH 2017-18



\$1.2 BILLION

GROSS DOMESTIC PRODUCT
IMPACT ON STATE OF
TENNESSEE 2016-17



Return on Investment



MONEY Magazine
PUBLIC UNIVERSITY
IN TENNESSEE
2017, 2018 Best Colleges for Your Money

**Top public university in state
for stimulating economic
mobility**

Social Mobility Index, Washington Monthly

**Highest return-on-investment
Highest early career pay
Second-highest mid career pay**

PayScale, public universities in Tennessee

**Tennessee Tech graduates leave
with least amount of student debt
in Tennessee**

U.S. News & World Report



SMARTASSET
BEST VALUE COLLEGES
2016, 2017, 2018

**STUDENT LOAN
REPORT**
FOR SETTING UP STUDENTS
FOR SUCCESSFUL LOAN
REPAYMENTS



Recent and Future Programs

Data Science

Cybersecurity

Sustainable Agriculture

Vehicular Engineering

Accountancy (graduate level)

Engineering Management (graduate level)



Tennessee Tech Grand Challenge



Accelerating Rural Collaboration & Innovation

Harnessing science, technology and innovation to transform rural living.



Healthcare



Childcare



Innovation
and Technology



Small Business
Development



Economic
Development



Career
Readiness



Rural
History



“Tennessee Tech is an amazing school ...”

OPINION | DECLARATIONS

Kids, Don't Become Success Robots

Tennessee Tech is an amazing school, and nobody breaks the law to get admitted.



By Peggy Noonan

March 14, 2019 7:03 p.m. ET

“Here is a school that is an antidote to that. Three years ago I went to a smallish school that enrolls mostly students who are the first in their families to go to college. It was Tennessee Technological University in Cookeville. ... They were so mature — gracious, welcoming, quick with smart questions on presidents and policy.

“I came away from Tennessee Tech thinking what I always think when I see such schools: We're going to be OK.”



Tennessee Tech is a STEM University

6 of 10

Top Tech
undergraduate
programs are
STEM disciplines

40%

of Tech
undergraduate
students are in
STEM fields

28%

of Tech
undergraduates
are in College of
Engineering

2,733

total students in
Tech's College of
Engineering

52%

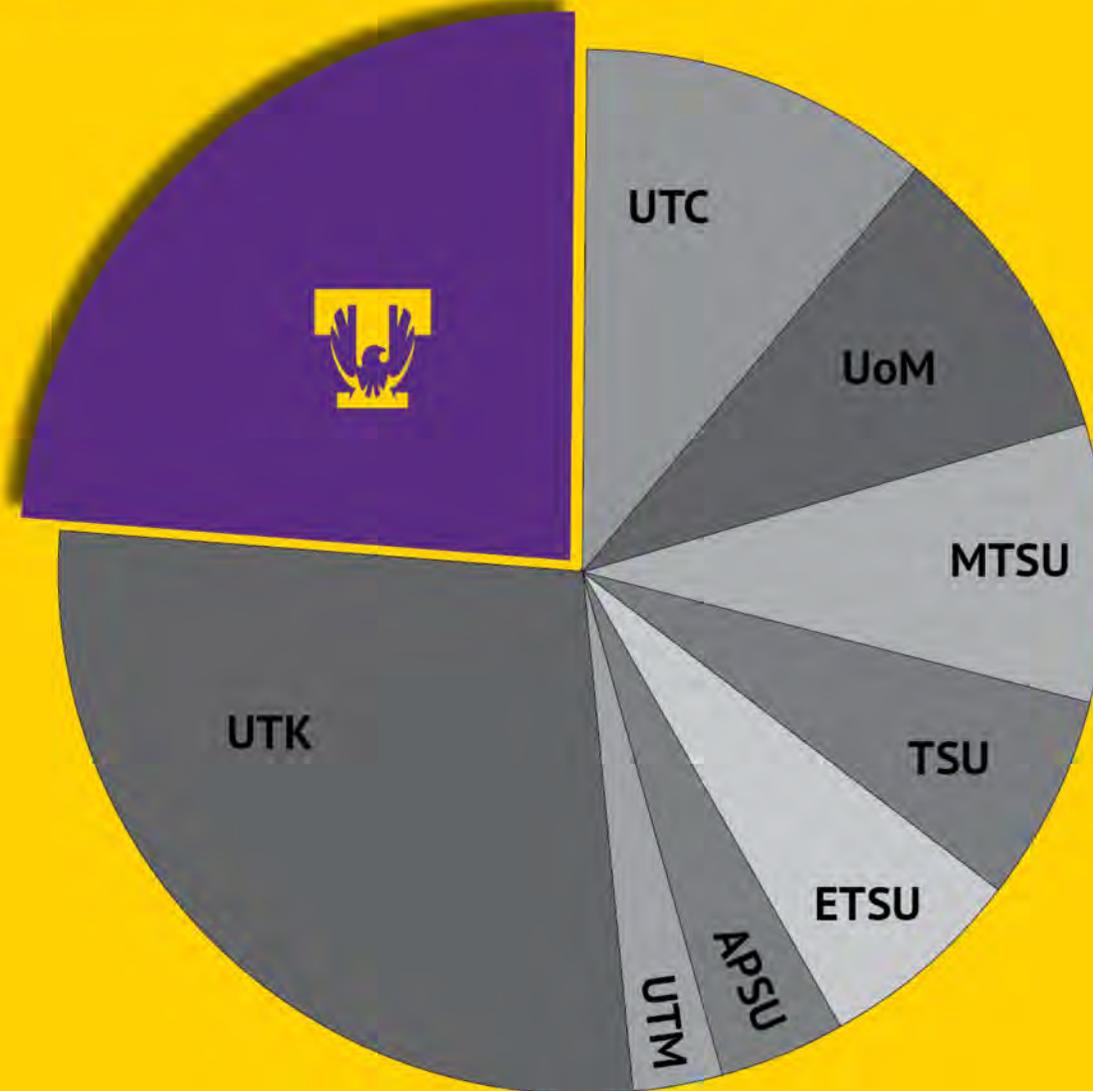
increase over
last 10 years





Engineering Undergraduate Outcomes

Last year, Tennessee Tech awarded almost **1/4** of the total bachelor's degrees in engineering and computer science from Tennessee's 9 public universities.





Need for New Engineering Building

Current College of Engineering space

8 buildings
built between
1921–1971

181K
current square
footage

257K
needed square
footage

76K
SQUARE FOOTAGE
DEFICIT TO MEET
CURRENT NEEDS

100K
SQUARE FOOTAGE
DEFICIT TO
MEET PROJECTED
GROWTH





BUDGET DISCUSSION



Tennessee Tech Budget Priorities

State Appropriation

FY 2019-2020 increase	\$4,053,800
Outcome-based funding formula	\$2,653,800
Carnegie Classification	\$ 900,000
NSF-CEROC	\$ 500,000 (year 3 of 4)
 Total State Appropriation	 \$59,888,700



Tennessee Tech Budget Priorities

Capital Outlay and Maintenance FY 2019-2020

Capital Maintenance\$3,795,000

Roof Replacement Phase 3\$ 485,000

Multiple Building Upgrades\$3,110,000

ADA Compliance\$ 200,000

Engineering Building Planning.....\$3,250,000

Total Capital Outlay & Maintenance.....\$7,045,000