

#ThisIsTech

A **Rebranding** of Vocational Education

The History of Career & Technical Education

Troubleshooting

Building a New Road

#ThisIsTech



The History of Career & Technical Education (CTE)

The University of Virginia Model **1819**

“The University of Virginia, as conceived by Thomas Jefferson, combined an attention to the popular and practical new subjects with an intellectual orientation of university dimensions” Thelin (1990)



The History of Career & Technical Education

The Smith Hughes Act of **1917**

“The early vocational education was driven by a philosophy of fitting people to their probable destinies, **Kids from poor families were tracked off into becoming the worker bees. Others were tracked off to go to universities and be the intelligentsia.**”

- Jim Stone, National Research Center for Career & Technical Education

The History of Career & Technical Education

The Vocational Education Act of **1963** and the world of work in the **70's** and **80's** & More Tracking

“There were lots of jobs — good union jobs — for people with just a high school education. **Back in the early 1970s, only 26 percent of middle-class workers had any kind of education beyond high school.**” - Emily

Hanford, American Radioworks, 2014



The History of Career & Technical Education



Late 1980's and 1990's

“Vocational programs had become a kind of **dumping ground** for kids who weren't succeeding....

That included a lot of students with **behavior problems**, and a lot of students with **learning disabilities**.

- Jim Stone, National Research Center for Career & Technical Education

The History of Career & Technical Education

No Child Left Behind in **2001**
"NCLB was 'squeezing
career and technical
education' out of the
curriculum" - Tom
Applegate, ACTE
President, 2004



The History of Career & Technical Education

“If you want to be successful, just don’t get a job where you work with your hands.”

**South Tech Student on what adults say students must do to achieve success
American Graduate Focus Group, 2019**

Troubleshooting

Pathways to Prosperity - 2011

Troubleshooting

The Growing Skills Gap

Success in the NEW Economy

Building a New Road

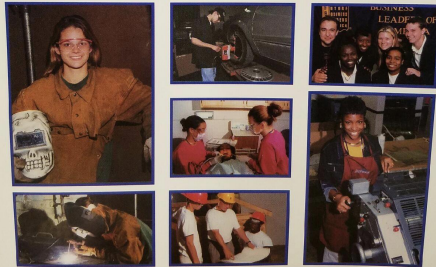


#ThisWasTech
SHHHH! We are a best
kept secret!



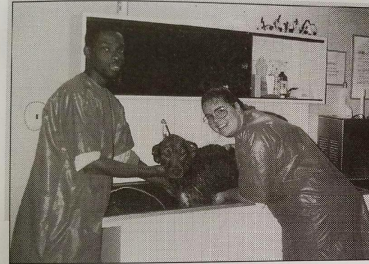
- ◆ North Tech
- ◆ South Tech
- ◆ West Tech

Program Offerings



2001-2002

Animal Caretaker



Program Content

Animal Caretaker provides training in attending to and caring for the needs of animals, including exercising, feeding, grooming and training pets and other animals. The program includes the business aspects of operating a kennel or pet store. Students are taught animal physiology/psychology, and appropriate methods for using animals in a humane and caring way. Working with animals requires a love and respect for animals, as well as physical and mental hard work. Caring for animals is very rewarding because of their dependency on humans. Local demand for employment in this field is good.

Prerequisites:
1 credit of science

***Average Annual Salary:**
Veterinary Assistant
\$11,440-\$19,760
Veterinarian
\$27,500-\$39,500

Career Opportunities:
Entry Level Career Opportunities:
Bather/Brusher
Assistant in:
Animal Hospitals

Places to Obtain Training After High School:

- Midwest Institute
- Jefferson College
- University of Missouri - Columbia
- Missouri School of Dog Grooming

Recent Graduates Employed at:

- Kirkwood Animal Hospital
- Pets Mart
- Humane Society
- Kenelwood Village
- Dog Wash Company
- Dunn Animal Hospital

Advisory Affiliations:

GET YOUR HANDS
ON A REAL
EDUCATION!



Building a New Road

We were suffering from an awareness challenge.....but we had exactly what parents & students wanted....

Real world skills

Explore career options

“Hands-on” learning

Dynamic classroom-based instruction

Relevant field experiences

-Advanced CTE, The Value & Promise of Technical Education, 2018

NORTH & SOUTH
TECHNICAL HIGH SCHOOLS

PROVIDE RELEVANT HIGH QUALITY
TECHNICAL & ACADEMIC INSTRUCTION
IN COLLABORATION WITH **PARTNER DISTRICTS** TO

PREPARE

&

INSPIRE

**EVERY STUDENT TO
SUCCEED**

IN **POSTSECONDARY EDUCATION,**
THE **HIGHLY COMPETITIVE**
WORLD OF WORK & LIFE.



👎 THEN: CTE is for students who couldn't perform well academically in their home high school.

👎 THEN: CTE is for students who are bored/disengaged in their home high school.

👎 THEN: CTE is for students who aren't/can't/shouldn't be going to college.

👎 THEN: CTE is for students who need to "work with their hands".

👎 NOW: CTE is for any student who enjoys experiential learning.

👎 THEN: Skilled trades are for those who can't do other jobs.

👎 NOW: CTE is for any student who wants to take a course in something that interests them. PERIOD.

👎 NOW: CTE is for any student who wants real world skills.

👎 NOW: CTE is for any student who wants to get a jump start on a college major or career while in high school.

👎 NOW: CTE is for any student who enjoys experiential learning.

👎 NOW: Skilled trades are in demand careers requiring post-secondary education through apprenticeship or college.

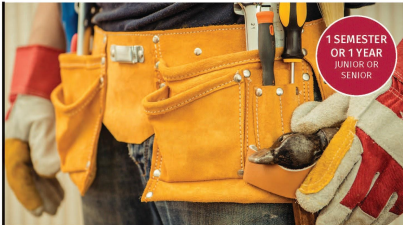
#ThisIsTech



RELEVANT INSTRUCTION

**south
TECH**
HIGH SCHOOL

CONSTRUCTION INNOVATIONS



1 SEMESTER
OR 1 YEAR
JUNIOR OR
SENIOR

Our Construction Innovations major allows students to customize a year or semester of construction exploration to match their interests. A wide variety of quarter long courses give students a solid foundation of basic knowledge and experience. Students can continue into an Advanced Construction course in their second year.

Students choose from: Carpentry, Electrical Trades, General Construction, Floor Layers Middle Apprenticeship, or Heating, Ventilation, & Air Conditioning

PREREQUISITES AT TIME OF JUNIOR ENROLLMENT: Minimum of 7 core credits (1.5 must be English), on track to graduate

HIGH SCHOOL CREDIT OFFERED: 1.5 TO 3 Electives Junior AND/OR Senior Year

CERTIFICATIONS OFFERED: Home Builders Institute (HBI) Pre-Apprenticeship Core Certification • Occupational Safety and Health Administration (OSHA) 10 Hour Construction Industry Certification

INSTRUCTOR CONTACT

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THESE ARE MY SCHOOL SUPPLIES
#ThisIsTech



Building partners builds the brand

Post Details

South Tech High School
Published by Buffer [?] · January 28 ·

Missouri Welding Institute hosted 240 competitors from 5 states this Saturday for the Vo-Tech welding competition and the results are in....our welders have done it AGAIN! Congratulations to our students!

1st place Tim Borawski, Lindbergh Flyers, full tuition paid scholarship (\$15,900) and a new Lincoln welding generator

2nd place Jacob Tatum, Maplewood Richmond Heights High School, half tuition paid scholarship (\$7,950) and a cutting torch outfit... [See More](#)



Performance for Your Post

6,921 People Reached

364 Reactions, Comments & Shares

267 Like 100 On Post 167 On Shares

31 Love 19 On Post 12 On Shares

1 Haha 1 On Post 0 On Shares

7 Wow 4 On Post 3 On Shares

34 Comments 14 On Post 20 On Shares

26 Shares 26 On Post 0 On Shares

1,080 Post Clicks

BACHELOR'S DEGREE OR HIGHER

- CONSTRUCTION MANAGER
- CIVIL ENGINEER
- ARCHITECT

north & south TECH HIGH SCHOOLS

ASSOCIATE'S OR TECHNICAL DEGREE

- JOURNEYMAN CARPENTER
- SURVEYOR
- CONTRACTOR

HIGH SCHOOL DIPLOMA LEVEL

- LABORER
- HEAVY EQUIPMENT OPERATOR
- WORKING APPRENTICE

YOU ARE HERE. Right now, you are a Career and Technical Education student. You are exploring your options, figuring out what you like, what you do well and who you want to be. You are learning the skills, earning the certifications and college credit, and getting real experience. We are giving you the support and guidance you need to get you where you want to be. The sky is the limit.

CARPENTRY

THIS IS **tech**
BRANCH OUT



