

# Expanding Opportunities for All in Career & Technical Education

North and South Technical High Schools



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# Overview of District & Schools

# Special School District

- Established in 1957
- Serves St. Louis County
- Special Education
- Career & Technical Education
  - North Technical High School
  - South Technical High School



# Technical High Schools

- North Technical High School  
*Florissant, MO*
- South Technical High School  
*Sunset Hills, MO*

**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.**

# Building Overview

- 8 Sending Districts
- Enrolls 10<sup>th</sup>- 12<sup>th</sup> Grade
  - 208 Sophomores in Career Exploration
  - 321 Juniors
  - 268 Seniors
- Offers Full & Half Day Options
  - 486 Half Day Students
  - 311 Full Day Students
- Offers 25 Different Programs



# Building Overview

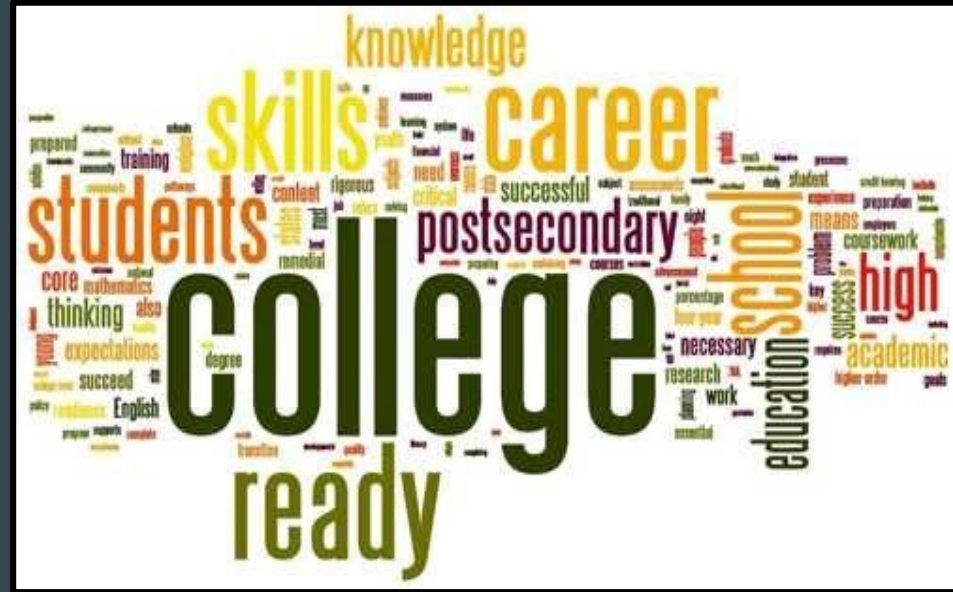
- 14 Sending Districts
- Enrolls 11<sup>th</sup> and 12<sup>th</sup> Grade
  - 374 Juniors
  - 332 Seniors
- Half Day Only
- Offers 26 Different Programs



# What is CTE?

## Career & Technical Education

- Real world skills
- Explore career options
- “Hands-on” learning
- Dynamic classroom-based instruction
- Relevant field experiences



# What Does a CTE Instructor Look Like?

- At least two years of full-time work experience in their area of instruction
- Educational background will vary
- Complete an abridged and accelerated teacher certification process
- May be expected to maintain industry specific credentials beyond teacher certification





# Our Programs

## Competitive Entry CTE Programs

- **Advanced Manufacturing**  
Electronics & Robotics, Machining and Welding
- **Arts & Communication**  
Fashion Design & Graphic Design
- **Business & Information Technology**  
Cisco Networking, Hospitality & Hotel Management, and Web & Computer
- **Construction**  
COI, Carpentry, Floor Laying, HVAC, Electrical Trades
- **Human Services**  
Cosmetology, Culinary Arts and Early Childhood Education
- **Medical & Animal Sciences**  
Dental Sciences, Health Sciences, Pharmacy and Veterinary Sciences
- **Public Safety**  
Law Enforcement, Firefighting & EMT
- **Transportation**  
Auto Tech, Auto Body & Diesel

## Hybrid CTE Programs

- **Construction & Outdoor Maintenance**  
(North & South Tech)
- **Construction Trades** (South Tech)
- **Information Technology** (North & South Tech)
- **Light Duty Manufacturing** (South Tech)
- **Medical Services** (South Tech)

# What does a Competitive Entry Process Look Like?



- Apply
- VRE Review
- Possible Review Committee
  - Attendance
  - Discipline
  - IEP/504
- Acceptance Round

# What does a Competitive Entry Process Look Like?

Our programs have prerequisites and entry can be very competitive

Waitlists are common for popular programs

Students must be on track for graduation and a minimum core credit count for all programs.

## OUR RUBRIC

Using a point system, every application is evaluated on the following key criteria

1. **Attendance**
1. **School  
Citizenship/  
Discipline**
2. **Academics**
1. **Personal  
Statement**

# Review Committee



- Who is on the committee?
  - CTE Staff
  - Transition Staff
  - Special Education Staff
- What is the process?

# Background & History of Hybrid Programs

What is a Hybrid Career & Technical  
Education Program at North & South Tech?

# What is Hybrid CTE?

- Hybrid Programs are designed to accommodate a diverse group of learners
- Instruction is differentiated to emphasize the strengths of each student
- Ideal for students seeking to explore specific career pathways in a smaller setting with additional supports that facilitate learning

# What is Hybrid CTE?

- Programs segway into multiple CTE Pathways including CTE at Tech, Other Hybrid at Tech, Vocational Skills Program (VSP), Job Corps, 2-year college and/or Employment
- Typical students are considering competitive employment OR post-secondary education (typically 2-year or short term training)

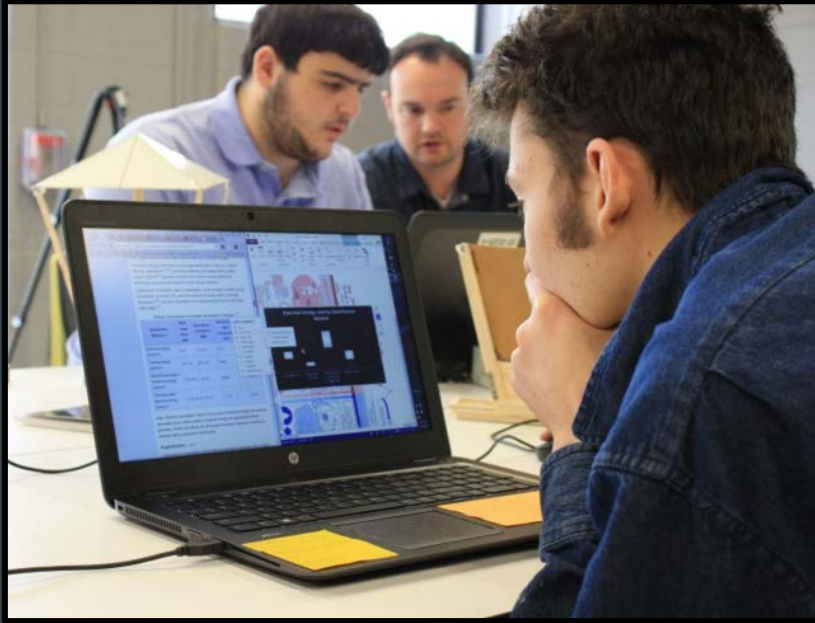


# What do Hybrid Programs Offer?

- Career & Technical Exploration
- Field Experiences
- Business Partnerships
- WorkKeys Testing
- Relevant Curriculum
  - Employability Skills (Face to Face)
  - Life Skills
  - Career & Technical Training



This opportunity is for students\* who meet these criteria:



- On-Track for On-Time Graduation
- Graduating based on credits
- Positive attendance
- Positive discipline record
- Safe and some independent work skills

\*May have full SPED minutes

# Important Considerations

- Hybrid sections are capped at 10 students or fewer
- Lead Teacher is a CTE Certified Teacher without Special Education Certification
- Students may be required to take a TSA or IRC exam
- Active additional resources for teaching staff & students
  - Social Emotional Behavior Support
  - SPED Teacher
  - Possible TA Support
  - Adaptive Assignments
  - Modified Tests
  - IEP Supports

## How does this work with DESE?

- DESE Course Name: Career Education Preparation
- DESE Course Code: 996300
- Certification Required: Industrial Arts, Vocational Prep or any Career Education certificate.
- These courses are considered exploratory and are not subject to Perkins requirements such as assessment or placement.

# Fast Facts - Students with IEPs at North & South Tech

- 2017-18 School Year
  - 377 students enrolled at North or South Tech had an active IEP
  - 214 students at South Tech
  - 163 students at North Tech
- 2018-19 School Year
  - Data remains similar to previous years.



# Fast Facts - Placement

- 2016-17 School Year
  - 59.7% College or Post-Secondary
    - 4-Year - 34.3%
    - 2-Year - 54.4%
    - Other - 11.3%
  - 29.5% Employed
  - 3.2% Military



# Fast Facts - Hybrid Application Process



- Mirrors the Traditional Application Process
- Increased dialogue with Case Manager
- Holistic approach considers student's background and career goals
- CTE applicant can be referred to hybrid program at any point

Questions?