



Frisco ISD
Dual Credit Career & Tech Programs

Welcome! Please **mute** your microphones. Use the **chat box** for questions. We will have time for questions at the end of the presentation.



Technical Campus



31.8 acres north of Ridgeview Drive in Allen, Texas

342,000 sf new building construction

Opens Fall 2020

Will host dual credit for Frisco ISD in a variety of career pathways to include:

- Automotive Technology & Collision Technology
- Biomedical Equipment & Electronics
- Construction Management
- Heating, Ventilation & Air Conditioning (HVAC)
- Industrial Automation

Technical Campus – January 2020

Building A: Administrative
Offices, Health Sciences



Trade Bar B: Industrial Automation,
Electronics, Biomedical Equipment
Technology, HVAC, Welding
Technology

Trade Bar C: Construction
Management, Computer Aided
Drafting & Design

Trade Bar D: Automotive
Technology & Collision
Technology

Why CTE?

- Strong wage-earning power
- Education tied to industry demand
 - Academic Skills
 - Critical thinking, quantitative, teamwork, social & personal responsibility
 - Employability Skills
 - Problem-solving, communication, leadership, ethics, adaptability
 - Technical Skills
 - HVAC, Automotive Service



Frisco ISD Dual Credit Offerings

- Automotive & Collision Technology
- Biomedical Equipment Technology
- Construction Management
- HVAC
- Industrial Automation

Questions to be answered by Program Directors -

- 1) What does this profession do?
- 2) What type of student would be a good fit for this program?
- 3) Can I earn a certificate or OSA in this program before I graduate HS?
- 4) Are there any upfront costs to the student for this dual credit program?
- 5) Where are the students employable after completing the program?

Automotive Technology



Automotive Technology



Today's automotive service technicians provide reliable repair and service solutions using the latest technology to diagnose and repair vehicles of all kinds. With the population growth expected in Collin County, the demand for qualified technicians at repair shops, service centers, and car dealerships will increase as well. If you are looking for an in-demand job that lets you work with your hands and the latest in car care technology, an Automotive Technology degree is the right choice for you.

Automotive Technician and Mechanics
Average Salary: \$44,400
19% growth

Data for Collin County obtained from JobEQ and O'Net
Note: Average salary for occupation as of 2018 and job growth projected from 2019-2026

About Collin College's Program

The Automotive Technology program is designed to prepare skilled technicians for high-skill, high-demand positions in the automotive service industry. Graduates will have opportunities in: dealerships; large tire, lube, and repair chains; and independent shops. In addition to earning a certificate or degree, students will earn industry recognized ASE certifications qualifying them for Maintenance and Light Repair (MLR) or Automotive Service Technician (AST) designation.

Choose Your Education

Associate of Applied Science
(60 credit hours)

Level 1 Certificates –

- Brake and Front-end Specialist
- Automotive Performance Specialist
- Automotive Heating and Air Conditioning Specialist
- Automotive Technology (18-29 credit hours)

Contact Information

Shawn Smith
Director of Automotive and Collision Technology
ssmith@collin.edu

Kate Smith
Career Coach
ksmith@collin.edu

For Technical Campus info, email technicalcampus@collin.edu

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on the basis of race, color, religion, sex, age, national origin, disability, veteran status or other legally protected class.
Published 2/6/2020. Information is subject to change.
For the latest version, visit www.collin.edu/academics/infotxt.
12/14/2019



Collision Technology



Collision Technology



Drivers take pride in their vehicles.

As a Collision Repair Technician with an education from Collin College, you'll help those drivers get that pride back after an accident or other body damage. That includes estimating damages, repairing dents, replacing parts that are beyond repair, matching and mixing paint colors, painting repairs, and refinish vehicles. With millions of cars on the road and more cars coming to Collin County every day, the market for a career in collision repair is strong.

Careers in Collision Repair

**Automotive Body and
Related Repairers**
Average Salary: \$54,500
21% growth

Data for Collin County obtained from JobsEQ and O'Net
Note: Average salary for occupation as of 2018 and job growth
projected from 2019-2026



Choose Your Education

Associate of Applied Science
(60 credit hours)

Occupational Skills Award
(14 credit hours)

Level 1 Certificate
Auto Body Metal Technician
Auto Body Paint Technician
(21-23 credit hours)

Level 2 Certificate
Auto Body Technology
(44 credit hours)

Contact Information

Shaun Smith
Director of Automotive and Collision Technology
smsmith@collin.edu

Kate Smith
Career Coach
kmsmith@collin.edu

For Technical Campus info, email
technicalcampus@collin.edu

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on the basis of race, color, religion, sex, age, national origin, disability, veteran status or other legally protected class.

Published 1/28/2025. Information is subject to change.
For the latest version, visit www.collin.edu/academic/info/.

12144-2079

Biomedical Equipment Technology



Biomedical Equipment Technology



Modern medicine runs on technology and someone has to keep that technology in top working order. Graduates of Collin College's Biomedical Equipment Technology program have the training and experience to ensure lifesaving medical technology is in top working order. This career is perfect for people with an interest in the growing health care field but who do not want to work with patients. Top employers include hospitals, medical offices, and large clinics which provide tests for patients.

Careers in Biomedical Equipment Technology

Medical Equipment Repairers

Average Salary: \$53,400

17% growth

Other careers include engineering, sales or service for equipment manufacturers.

Data for Collin County obtained from JobsEQ and O*Net
Note: Average salary for occupation as of 2018 and job growth projected from 2019-2026



About Collin College's Program

The Biomedical Equipment Technology degree program at Collin College provides entry-level employment training for students interested in careers in the biomedical equipment industry. The program includes 15 hours of general education courses and 45 hours of courses directly applicable to Biomedical Equipment Technology.

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on the basis of race, color, religion, sex, age, national origin, disability, veteran status or other legally protected class.

Published 1/2/2020. Information is subject to change.
For the latest version, visit www.collin.edu/academics/mbtu.

1219-019

Available Degree

Associate of Applied Science
(60 credit hours)

Contact Information

Triptul Banerji
Director of Engineering Tech Programs
tbanerji@collin.edu

Kate Smith
Career Coach
ksmith@collin.edu

For Technical Campus info, email
arh@technicalcampus.collin.edu

Construction Management



Construction Management



Build a better tomorrow and be a leader
in one of the fastest growing industries in Collin County with a degree in construction management from Collin College. Construction management blends the skill sets of architecture, business, and engineering, and teaches you how to manage those processes from a business perspective. Management topics include budgeting, scheduling, quality assurance, and safety.

Careers in Construction Management

Construction Managers
Average Salary: \$102,500
23% growth

Data for Collin County obtained from JobsEQ and O'Neil
Note: Average salary for occupation as of 2018 and job growth projected from 2019-2025



About Collin College's Program

Collin County is one of the fastest growing counties in the nation with prolific construction projects in both residential and commercial properties. Collin College's Construction Management program prepares students to work in a wide variety of management/supervisory positions, both in residential and commercial areas of construction. Many of the Construction Management courses include labs and the program provides for a summer cooperative education experience.

Choose Your Education

- Associate of Applied Science**
(60 credit hours)
- Occupational Skills Award in Construction**
(12 credit hours)
- Certificate Level 1**
(24 credit hours)
- Certificate Level 2**
(45 credit hours)

Contact Information

Craig Johnson
Director of Architecture/Construction Programs
cjohnson@collin.edu

Kate Smith
Career Coach
kcsmith@collin.edu

For Technical Campus Info, email technicalcampus@collin.edu

Learn more at
www.collin.edu/academics/programs/CNST_10Overview.html

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on the basis of race, color, religion, sex, age, national origin, disability, veteran status or other legally protected class.
Published 12/09/2013. Information is subject to change.
For the latest version, visit www.collin.edu/academics/cnsm.
121412013

Heating, Ventilation and Air Conditioning



Heating, Ventilation, and Air Conditioning (HVAC)



Looking for a new in-demand career that offers a secure future with a great salary? Want to work for a company or own your own business? Love to fix things and work on machines? Want an opportunity to use your hands and work outside as well as indoors? Heating, Ventilation, Air Conditioning (HVAC) may be the perfect job field for you.

Collin College's HVAC Program

Learn to work in the residential HVAC industry installing and servicing air conditioning units, gas and electric furnaces and heat pump systems. Collin College's program offers you the opportunity to gain hands-on experience as you earn certificates and work toward your associate degree.

Learn about Environmental Protection Agency guidelines and standards that apply to the HVAC industry. Identify and use HVAC equipment, components, and tools while learning about their function within the industry. Master common mechanical, electrical, and electronic components such as compressors, switches, thermostats, motors, and fans. Practice all of the techniques you learn with heat pumps, heating units, a/c units, refrigeration units and more with hands-on instruction in Collin College facilities.

Coursework includes preparation for:

- EPA 608 Federal Exam Certification
- 410A Safety Certification
- Air Quality (or Green) Certification
- EPA 609 Automotive Certification
- Preventive Maintenance (PM) Certification
- State of Texas Registered Technician

Collin College HVAC courses are academic credit courses. This makes them eligible for financial aid and military benefits, as well as the Texas Workforce Commission programs.

HVAC

www.collin.edu/department/hvac/hvac.html

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on the basis of race, color, religion, sex, age, national origin, disability, veteran status or other legally protected class.

Published 01/03/2020. Information is subject to change.
For the latest version, visit www.collin.edu/academic/career/.

Choose a Cool Career

Associate of Applied Science - HVAC
(60 credit hours)

**Occupational Certificate
HVAC Entry Certification**
(16 credit hours)

**Certificate Level 1 -
HVAC Residential Servicing
Certification**
(30 hours)

**Certificate Level 2 -
HVAC Commercial Servicing
Certification**
(45 credit hours)

Heating, Ventilation & Air Conditioning (HVAC)

Average Salary: \$49,900
24% growth

Data obtained from JobOut (Collin County), ONET, and Workforce Solutions of North Central Texas
Note: The earning potential for employees with certifications and associates of applied science degree may exceed the average salary

Contact Information

Brian Sanders
Director of HVAC/Welding
bsanders@collin.edu

Kate Smith
Career Coach
ccsmith@collin.edu

For Technical Campus info, email technicalcampus@collin.edu

Industrial Automation



Industrial Automation



Automation makes manufacturing more efficient, improving production in most processes. Electro-mechanical technicians make sure that machines used in that automation are efficient as well. From servicing and testing robots and unmanned equipment to designing processes to achieve maximum output for an assembly line, these technicians use the knowledge of industrial automation to ensure smooth production lines. Collin College's Industrial Automation program will prepare you to enter that field in the most efficient way possible.

Careers in Industrial Automation

Electro-Mechanical Technicians

Average Salary: \$56,600

13% growth

Data for Collin County obtained from JobsEQ and O'Net
Note: Average salary for occupation as of 2018 and job growth projected from 2018-2028



About Collin College's Program

Collin College's Industrial Automation program is designed with applied electronics in mind. Students will develop ladder logic for use with advanced programmable logic controllers (PLC) functions, compose a ladder logic program to demonstrate an advanced industrial control application, and apply advanced programming techniques for specialized applications. Students will be able to explain the function and operation of various motor control devices and explain PLC terminology.

Choose Your Education

Associate of Applied Science
(60 credit hours)

Level 1 Certificate
(34 credit hours)

Level 2 Certificate
(44 credit hours)

Contact Information

Triptul Rowenja
Director of Engineering Tech Programs
triptul@collin.edu

Kate Smith
Career Coach
ksmith@collin.edu

For Technical Campus info, email
technicalcampus@collin.edu

Collin College is an equal opportunity institution and provides educational and employment opportunities without discrimination on the basis of race, color, religion, sex, age, national origin, disability, veteran status or other legally protected class.

Published 1/28/2020. Information is subject to change.
For the latest version, visit www.collin.edu/academics/indus.

1/18/2020

Additional Information

- Open to incoming juniors & seniors
- Opportunity to earn industry based certifications and training necessary for the workforce. Students can continue to earn Associate of Applied Science degrees.
- You attend your high school campus for academic courses
 - Amount of time at the Technical Campus varies by program
 - Students must provide their own transportation to the Allen Technical Campus

How Much You Will Save!

UT Dallas

\$2,586 for
Collin College
is \$164

3 credit hour course
(for in-county residents)

a 3 credit hour
course*



Next Steps: Frisco ISD

Step 1: Contact your school counselor and notify them of your interest.

Step 2: Apply to Collin College at apply.collin.edu for Fall 2020 as a Dual Credit student.

Step 3: Complete CTC Interest Form with First & Second choice
<https://www.collin.edu/express/dualcredit/forms.html>

Step 4: Wait to hear if you have been accepted. If accepted, complete High School Permission form for approval by your high school counselor.

Step 5: Register and pay for classes by May 15th at 8pm.

Questions?

Contact your College & Career Counselor

Shawna Chamberlin *Lebanon Trail and Liberty*
schamberlin@collin.edu

Traci Howard-Moore *Heritage and Independence*
thowardmoore@collin.edu

Charlene Martin College *Centennial and Memorial*
cemartin@collin.edu

Jessica Mitchell *Frisco HS and Reedy*
jymitchell@collin.edu

Krystal Sanders *Lone Star and Wakeland*
ksanderspierce@collin.edu

Questions?

For Frisco ISD questions:

For questions regarding Dual Credit:

www.Collin.edu/express/dualcredit

469-365-1850

dualcredit@Collin.edu

For questions regarding programs:

Kate Smith

Workforce Programs Coach-Technical Campus

cmsmith@Collin.edu

469-365-1963