



North Central Texas Pathways



2024

# NORTH CENTRAL TEXAS LEADING REGIONAL CAREER PATHWAY LANDSCAPE MAP



# TARGET INDUSTRY

## Protective Service

SOC CODE: 33-0000



### WAGE

Entry Level Hourly: \$12.34

Median Hourly: \$23.24

### JOBS

# of Regional Openings: 19,909

Projected Growth: 14% (2022-27)

## TOP EMPLOYERS

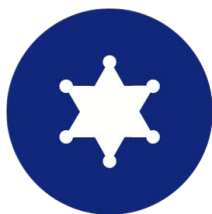


**GARDAWORLD**



- U.S. Department of Homeland Security
- Allied Universal
- United Protective Services
- GardaWorld
- ADT Security

## NCTX HOT JOBS



Police & Sheriff's Patrol  
Officers



Correctional Officers  
& Jailers

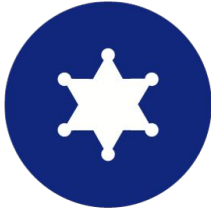


Firefighters

# TARGETED OCCUPATION

## Police & Sheriff's Patrol Officers

SOC Code: 33-3051



Median Hourly Wage: \$34.71

# of Regional Openings: 60

Projected Growth in Region: 12%

### Postsecondary Pathways

Criminal Justice/Police Science  
Certificate

Associate's Degrees:

- Criminal Justice
- Criminal Justice/Police Studies
- Criminal Justice/Police Science

Bachelor's Degree Criminal Justice

Criminal Justice M.C.J.

Criminal Justice PH.D.

### Credentials of Value

Valid Driver's License

Nationally Recognized CPR Certification

Non-Commissioned Security Officer Level II License

AED Emergency Telecommunicator

### Secondary CTE Program of Study

Law Enforcement

### Secondary Pathways

Aledo ISD

Allen ISD

Anna ISD

Blue Ridge ISD

Boyd ISD

Burleson ISD

Caddo Mills ISD

Celina ISD

Cleburne ISD

Commerce ISD

Corsicana ISD

Crandall ISD

Denton ISD

Ennis ISD

Forney ISD

Frisco ISD

Granbury ISD

Kerens ISD

Lake Dallas ISD

Lewisville ISD

Little Elm ISD

Mabank ISD

McKinney ISD

Melissa ISD

Midlothian ISD

Millsap ISD

Plano ISD

Poolville ISD

Red Oak ISD

Rockwall ISD

Springtown ISD

Waxahachie ISD

Weatherford ISD

Wylie ISD

### Postsecondary Training Providers

Collin College

Frisco Police Department LEA

Garland Police Academy

Institute for Law Enforcement Administration

Lewisville Police Academy

North Central Texas College

North Central Texas Regional Police Academy

Paris Junior College

Plano Police Academy

Richardson Police Academy

Tarleton State University

Texas A&M University - Commerce

Texas Woman's University

Trinity Valley Community College

University of North Texas

Weatherford College

*Tarleton State University and University of North Texas offer a Master's Degree in Criminal Justice  
Tarleton State University offers a Doctorate in Criminal Justice*



# TARGETED OCCUPATION

## Correctional Officers & Jailers

SOC Code: 33-3012



Median Hourly Wage: \$22.54  
# of Regional Openings: 10  
Projected Growth in Region: 6%

### Postsecondary Pathways

Enhanced Skills Certificate: Corrections  
Certificate: Corrections  
Associate's Degree - Corrections

### Postsecondary Training Providers

Hill College  
Navarro College  
Trinity Valley Community College  
Texas A&M Engineering Extension Office (TEEX)

### Credentials of Value

Valid Driver's License  
Nationally Recognized CPR Certification  
Non-Commissioned Security Officer Level II License  
AED Emergency Telecommunicator  
Texas Jailer Certification  
Basic County Corrections

### Secondary CTE Program of Study

Law Enforcement

### Secondary Training Providers

|                 |                 |                 |
|-----------------|-----------------|-----------------|
| Aledo ISD       | Ennis ISD       | Plano ISD       |
| Allen ISD       | Forney ISD      | Poolville ISD   |
| Anna ISD        | Frisco ISD      | Red Oak ISD     |
| Blue Ridge ISD  | Granbury ISD    | Rockwall ISD    |
| Boyd ISD        | Kerens ISD      | Springtown ISD  |
| Burleson ISD    | Lake Dallas ISD | Waxahachie ISD  |
| Caddo Mills ISD | Lewisville ISD  | Weatherford ISD |
| Celina ISD      | Little Elm ISD  | Wylie ISD       |
| Cleburne ISD    | Mabank ISD      |                 |
| Commerce ISD    | McKinney ISD    |                 |
| Corsicana ISD   | Melissa ISD     |                 |
| Crandall ISD    | Midlothian ISD  |                 |
| Denton ISD      | Millsap ISD     |                 |



# TARGETED OCCUPATION

## Firefighters

SOC Code: 33-2011



Median Hourly Wage: \$34.71  
# of Regional Openings: 60  
Projected Growth in Region: 12%

### Postsecondary Pathways

Basic IHE Certificates:

- Fire Prevention and Safety Technology/Technician
- Fire Science/Fire Fighting

Associate's Degrees:

- Fire Prevention and Safety Technology/Technician
- Fire Science/Fire Fighting

Bachelor's Degree – Emergency Administration and Training

Master's Degree – Emergency Management and Disaster Science

### Credentials of Value

Nationally Recognized CPR Certification  
Non-Commissioned Security Officer Level II License  
AED Emergency Telecommunicator  
Texas Class A or Class B Driver's License

### Secondary CTE Program of Study

Emergency Services (Fire Science)

### Secondary Training Providers

Denton ISD  
Weatherford ISD

### Postsecondary Training Providers

Collin College  
Navarro College  
North Central Texas College  
University of North Texas  
Weatherford College

### Additional Considerations

*Emergency Medical Technician (SOC Code: 29-2042) and Paramedics (SOC Code: 29-2043) are conceivably entry occupations, or stackable credentials for firefighters.*

Postsecondary Training Program:  
*Emergency Medical Technology/Technician (EMT Paramedic)*

Postsecondary Training Providers:

Collin College  
Hill College  
Navarro College  
North Central Texas College  
Paris Junior College  
Ranger College  
Trinity Valley Community College  
Weatherford College



North Central Texas Pathways

# TARGET INDUSTRY

**Computer & Mathematical**  
SOC CODE: 15-0000



## WAGE

Entry Level Hourly: **\$23.77**  
Median Hourly: **\$47.02**

## JOBS

# of Regional Openings: **9,728**  
Projected Growth: **27 %**

# TOP EMPLOYERS



T-Mobile



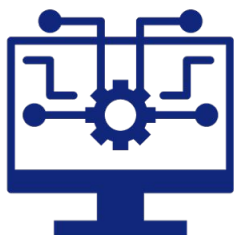
L3HARRIS™



Cognizant

- JPMorgan Chase
- T-Mobile
- Capital One
- L3 Harris Technologies
- Cognizant Technology Solutions

# NCTX HOT JOBS



Software Developers



Computer User Support  
Specialists



Computer System  
Analysts

# TARGETED OCCUPATION

## Software Developers

SOC Code: 15-1252



Median Hourly Wage: \$57.40  
# of Regional Openings: 1,001/Month  
Projected Growth in Region: 34%

### Postsecondary Pathways

#### IHE Certificates:

- Computer Programming/General
- Computer Programming/Special Applications

#### Associate's Degrees

- Computer Programming/General
- Computer Programming/Special Applications
- Computer Science

#### Bachelor's Degrees

- Computer Science

### Postsecondary Training Providers

Collin College  
Hill College  
Navarro College  
Southwest Adventist University  
Tarleton State University  
Texas A&M University - Commerce  
Texas State Technical College  
Texas Woman's University

### Secondary CTE Program of Study

Programming & Software Development

### Secondary Training Providers

|                |                   |   |
|----------------|-------------------|---|
| Aledo ISD      | Keene ISD*        | Stephenville ISD  |
| Allen ISD*     | Lake Dallas ISD*  | Terrell ISD*  |
| Alvarado ISD   | Lewisville ISD*   | Weatherford ISD   |
| Anna ISD       | Love Joy ISD      | Wylie ISD*  |
| Blue Ridge ISD | McKinney ISD*     | <i>*Program of study completers or concentrators in 2020-21 school year. Otherwise, self-reported as offering the POS in 2019-20.</i> |
| Campbell ISD   | Mineral Wells ISD |   |
| Commerce ISD   | Northwest ISD *   |   |
| Denton ISD*    | Plano ISD*        |   |
| Ferris ISD     | Princeton ISD     |   |
| Forney ISD*    | Prosper ISD*      |   |
| Frisco ISD *   | Red Oak ISD       |   |
| Granbury ISD*  | Rice ISD          |   |
| Grandview ISD  | Rockwall ISD*     |   |
| Joshua ISD*    | Slidell ISD*      |   |

### Credentials of Value

Top Secret-Sensitive Compartmented Information (TS/SCI Clearance)  
Certified Information Systems Security Professional Business Information Processing  
Certified Information Systems Security Professional Salesforce Certification  
Enterprise Desktop Administrator (Microsoft Certified IT Professional)  
CompTIA A+ Certification  
CompTIA IT Fundamentals  
Software Development Engineer In Test (SDET)  
Valid Driver's License



# TARGETED OCCUPATION

## Computer User Support Specialists SOC Code: 15-1232



Median Hourly Wage: \$25.64  
# of Regional Openings: 239  
Projected Growth in Region: 22%

### Postsecondary Pathways

#### Advanced Technical Certificates:

- Computer Information Systems Security/Auditing/Information Assurance
- Network Systems Administration/Administrator

#### IHE Certificates:

- Computer Information Systems Security/Auditing/Information Assurance
- Network Systems Administration/Administrator

#### Associate's Degrees:

- Computer Information Systems Security/Auditing/Information Assurance
- Network Systems Administration/Administrator

#### Bachelor's Degree:

- Cybersecurity

### Secondary Training Providers

Allen ISD  
Anna ISD  
Blooming Grove ISD  
Boyd ISD  
Burlison ISD  
Cleburne ISD  
Community ISD  
Denton ISD  
Frisco ISD  
Granbury ISD  
Lewisville ISD  
Little Elm ISD  
Melissa ISD  
Northwest ISD  
Princeton ISD  
Red Oak ISD  
Scurry-Rosser ISD  
Slidell ISD  
Wylie ISD  
Waxahachie ISD

### Postsecondary Training Providers

Collin College  
Navarro College  
Paris Junior College  
Tarleton State University  
Texas A&M University - Commerce  
Texas State Technical College  
Weatherford College

### Secondary CTE Program of Study

Information Systems

### Credentials of Value

CompTIA A+  
Microsoft Certified Professional  
CompTIA Network+  
CompTIA Security+  
Microsoft Certified Systems Engineer  
Cisco Certified Network Associate  
CompTIA Certification  
ITIL Foundation Certification  
Microsoft Certified Systems Administrator (MCSA)  
Security Clearance  
Certified Ethical Hacker  
Valid Driver's License



North Central Texas Pathways



# TARGETED OCCUPATION

## Computer Systems Analyst

SOC Code: 15-1211



**Median Hourly Wage: \$31.37**  
**# of Regional Openings: 457**  
**Projected Growth in Region: 23%**

### Postsecondary Pathways

#### Enhanced Skills Certificate:

- Computer Systems Networking and Telecommunications

#### IHE Certificates:

- Computer Systems Networking and Telecommunications
- Computer and Information Sciences, General

#### Associates Degrees

- Computer Systems Networking And Telecommunications
- Computer and Information Sciences, General
- Network and System Administration/ Administrator

#### Bachelor's Degrees

- Computer Science
- Learning Technologies
- Computer and Information Sciences, General
- Computer Systems Networking And Telecommunications
- Computer and Information Systems

#### Master's Degree

- Computer Science

#### Doctorate

- Computer Science and Engineering

### Postsecondary Training Providers

Collin College  
Hill College  
North Central Texas College  
Paris Junior college  
Ranger College  
Texas A&M University Commerce  
Texas Woman's University  
University of North Texas  
Weatherford College

### Secondary CTE Program of Study

Networking Systems

### Credentials of Value

Security Clearance  
Project Management Professional Certification  
CompTIA A+  
Certified Information Systems Security Professional  
Top Secret-Sensitive Compartmented Information (TS/SCI Clearance)  
CompTIA Security+  
Certified Information System Auditor (CISA)  
Microsoft Certified Professional  
Certified Business Analysis Professional  
Valid Driver's License

### Secondary Training Providers

|                    |               |                |                   |
|--------------------|---------------|----------------|-------------------|
| Allen ISD          | Cleburne ISD  | Lewisville ISD | Red Oak ISD       |
| Anna ISD           | Community ISD | Little Elm ISD | Scurry-Rosser ISD |
| Blooming Grove ISD | Denton ISD    | Melissa ISD    | Slidell ISD       |
| Boyd ISD           | Frisco ISD    | Northwest ISD  | Wylie ISD         |
| Burleson ISD       | Granbury ISD  | Princeton ISD  | Waxahachie ISD    |



# TARGET INDUSTRY

Architecture and Engineering  
SOC CODE: 17-0000



## WAGE

Entry Level Hourly: \$24.40  
Median Hourly: \$39.95

## JOBS

# of Regional Openings: 1,693  
Projected Growth: 28 %

# TOP EMPLOYERS



- The Beck Group
- DR Horton
- Lennar Homes
- JBI Electrical
- CTX Plumbing and Electrical

# NCTX HOT JOBS



Architectural & Civil  
Drafters



Civil Engineering  
Technologists & Technicians



Electrical & Electronic  
Engineering Technicians

# TARGETED OCCUPATION

## Architectural & Civil Drafters

SOC Code: 17-3011



Median Hourly Wage: \$31.37  
# of Regional Openings: 457  
Projected Growth in Region: 23%

### Postsecondary Pathways

#### Enhanced Skills Certificate

- Drafting and Design Technology/Technician, General

#### IHE Certificate:

- Drafting and Design Technology/Technician, General
- Architectural Drafting and Architectural CAD/CADD

#### Associate's Degree:

- Applied Science in Architectural/Civil Drafting
- Drafting and Design Technology/Technician, General
- Architectural Drafting and Architectural CAD/CADD

### Secondary CTE Program of Study

Engineering (Civil Engineering)

### Secondary Training Providers

|                  |                 |                 |
|------------------|-----------------|-----------------|
| Aledo ISD        | Forney ISD      | McKinney ISD    |
| Allen ISD        | Frisco ISD      | Melissa ISD     |
| Anna ISD         | Granbury ISD    | Midlothian ISD  |
| Argyle ISD       | Greenville ISD  | Northwest ISD   |
| Blue Ridge ISD   | Joshua ISD      | Plano ISD       |
| Burleson ISD     | Kaufman ISD     | Princeton ISD   |
| Caddo Mills ISD  | Keene ISD       | Prosper ISD     |
| Celina ISD       | Lake Dallas ISD | Red Oak ISD     |
| Cleburne ISD     | Lewisville ISD  | Rockwall ISD    |
| Crandall ISD     | Little Elm ISD  | Royse City ISD  |
| Decatur ISD      | Lone Oak ISD    | Tolar ISD       |
| Denton ISD       | Love Joy ISD    | Venus ISD       |
| Ennis ISD        | Mabank ISD      | Waxahachie ISD  |
| Farmersville ISD | Maypearl ISD    | Weatherford ISD |
|                  |                 | Wylie ISD       |

### Postsecondary Training Providers

Collin College  
North Central Texas College  
Paris Junior college  
Trinity Valley Community College  
Texas State Technical College

### Credentials of Value

NICET Certification (National Institute for Certification in Engineering Technologies)  
FINRA Series 4 (Registered Options Principal)  
Drone Pilot Certification  
Lean Six Sigma Certification  
Valid Driver's License



North Central Texas Pathways

# TARGETED OCCUPATION

## Civil Engineering Technicians

SOC Code: 17-3022



Median Hourly Wage: \$31.37  
# of Regional Openings: 457  
Projected Growth in Region: 23%

### Postsecondary Pathways

Associate's Degree:

- Civil Engineering

Bachelor's Degree:

- Civil Engineering

### Postsecondary Training Providers

Collin College

Tarleton State University

### Credentials of Value

Engineer in Training

Security Clearance

American Institute Of Certified Planners (AICP)  
Certification

Architecture License

Architect Registration Examination

Transportation Worker Identification Credential  
(TWIC) Card

CompTIA A+ Certification

CompTIA Network+

CompTIA Server+

Valid Driver's License

### Secondary CTE Program of Study

Engineering (Civil Engineering)

### Secondary Training Providers

Allen ISD

Anna ISD

Blooming Grove  
ISD

Boyd ISD

Burleson ISD

Cleburne ISD

Community ISD

Denton ISD

Frisco ISD

Granbury ISD

Lewisville ISD

Little Elm ISD

Melissa ISD

Northwest ISD

Princeton ISD

Red Oak ISD

Scurry-Rosser ISD

Slidell ISD

Wylie ISD

Waxahachie ISD



# TARGETED OCCUPATION

## Electrical Engineering Technicians

SOC Code: 17-3023



**Median Hourly Wage: \$31.37**  
**# of Regional Openings: 457**  
**Projected Growth in Region: 23%**

### Postsecondary Pathways

IHE Certificate:

- Electrical, Electronic, and Communications Engineering Technology/Technician

Associate's Degree:

- Electrical, Electronic, and Communications Engineering Technology/Technician

### Postsecondary Training Providers

Collin College

Paris Junior College

Trinity Valley Community College

### Credentials of Value

Autodesk Certified Professional in Revit for Electrical Design

Enterprise Desktop Administrator (Microsoft Certified IT Professional)

Cisco Certified Internetwork Expert

NICET Certification (National Institute for Certification in Engineering Technologies)

Project Management Professional Certification

AVIXA Certified Technology Specialist

Certified Associate in Project Management

Valid Driver's License

### Secondary CTE Program of Study

Engineering (Electrical Engineering)

### Secondary Training Providers

|                  |                 |                 |
|------------------|-----------------|-----------------|
| Aledo ISD        | Forney ISD      | McKinney ISD    |
| Allen ISD        | Frisco ISD      | Melissa ISD     |
| Anna ISD         | Granbury ISD    | Midlothian ISD  |
| Argyle ISD       | Greenville ISD  | Northwest ISD   |
| Blue Ridge ISD   | Joshua ISD      | Plano ISD       |
| Burleson ISD     | Kaufman ISD     | Princeton ISD   |
| Caddo Mills ISD  | Keene ISD       | Prosper ISD     |
| Celina ISD       | Lake Dallas ISD | Red Oak ISD     |
| Cleburne ISD     | Lewisville ISD  | Rockwall ISD    |
| Crandall ISD     | Little Elm ISD  | Royse City ISD  |
| Decatur ISD      | Lone Oak ISD    | Tolar ISD       |
| Denton ISD       | Love Joy ISD    | Venus ISD       |
| Ennis ISD        | Mabank ISD      | Waxahachie ISD  |
| Farmersville ISD | Maypearl ISD    | Weatherford ISD |
|                  |                 | Wylie ISD       |



# TARGET INDUSTRY

**Construction & Extraction**  
SOC CODE: 47-0000



## WAGE

Entry Level Hourly: **\$16.39**  
Median Hourly: **\$22.26**

## JOBS

# of Regional Openings: **23,653**  
Projected Growth: **27 %**

## TOP EMPLOYERS



LENNAR

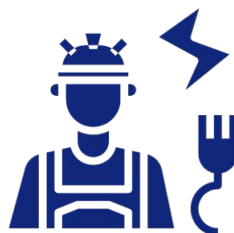


- The Beck Group
- DR Horton
- Lennar Homes
- JBI Electrical
- CTX Plumbing and Electrical

## NCTX HOT JOBS



Heating, Air Conditioning,  
and Refrigeration Mechanics



Electricians



Plumbers, Pipefitters,  
Steamfitters

# TARGETED OCCUPATION

## Heating, Air Conditioning, and Refrigeration Mechanics and Installers



**SOC Code: 49-9021**

**Median Hourly Wage: \$23.67**

**# of Regional Openings: 3,392**

**Projected Growth in Region: 33%**

### Postsecondary Pathways

#### Associates Degrees

- Mechanical Engineering
- Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/ Technician

#### Bachelor's Degrees

- Mechanical Engineering
- Construction Engineering Technology/ Technician

### Secondary CTE Program of Study

HVAC and Sheet Metal

### Secondary Training Providers

Avalon ISD  
Princeton ISD  
Lewisville ISD

### Postsecondary Training Providers

Collin College  
Hill College  
NCTX College  
Trinity Valley Community College  
Weatherford College

### Credentials of Value

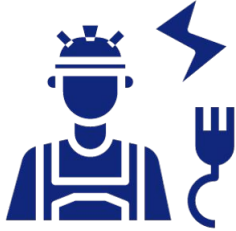
Employment Ready Certification - Air Conditioning  
Employment Ready Certification - Electrical  
Employment Ready Certification - Gas Heat  
Employment Ready Certification - Heat Pumps  
Employment Ready Certification - Light Commercial Air  
Conditioning  
Heating, Electrical, & Air Conditioning Technology (H.E.A.T)  
HBI Pre-Apprenticeship Certificate Training (PACT), Core  
HBI Pre-Apprenticeship Certificate Training (PACT), Heating, Ventilation and Air Conditioning  
NCCER Construction Technology Certification Level I  
NCCER Core  
NCCER Heating, Ventilation, Air Conditioning Level I  
NCCER Sheet Metal Level I  
Refrigerant Handling (EPA 608)  
OSHA 30 Hour Construction\*  
OSHA 30 Hour General\*  
Valid Driver's License



# TARGETED OCCUPATION

## Electricians

**SOC Code: 47-2111**



**Median Hourly Wage: \$26.48**  
**# of Regional Openings: 4,510**  
**Projected Growth in Region: 66%**

### Postsecondary Pathways

#### Associates Degrees

- Electrician
- Communications Systems Installation and Repair Technology

#### Bachelor's Degrees

- Construction Science

### Credentials of Value

- C-200 Certified Industry 4.0 Automation Systems
- Specialist I - 201 Electrical Systems 1
- Electrical Apprenticeship Certificate Level 1
- HBI Pre-Apprenticeship Certificate Training (PACT), Basic Electrical
- HBI Pre-Apprenticeship Certificate Training (PACT), Core
- NCCER Commercial Electrician
- NCCER Construction Technology Certification Level I
- NCCER Core
- NCCER Electrical Level I
- NCCER Electrical Level II
- NCCER Electronic System Technician Level I
- NCCER Electronic System Technician Level II
- TRIO Electrical Pre-Apprenticeship (EPP) Certification
- Texas Department of Licensing & Regulation
  - Apprentice Electrician
  - Apprentice, Electrical Sign
  - Journeyman Electrician
  - Journeyman Industrial Electrician
  - Journeyman Lineman
  - Journeyman Sign Electrician
  - Maintenance Electrician
  - Master Electrician
- Valid Driver's License

### Postsecondary Training Providers

Collin College  
Hill College  
Weatherford College  
Navarro College

### Secondary CTE Program of Study

Electrical

### Secondary Training Providers

Forney ISD  
Lewisville ISD  
Princeton ISD  
Scurry-Rosser ISD  
Weatherford ISD



# TARGETED OCCUPATION

## Plumbers, Pipefitters, Steamfitters SOC Code: 47-2152



Median Hourly Wage: \$25.40  
# of Regional Openings: 2,726  
Projected Growth in Region: 70%

### Postsecondary Pathways

#### Associates Degrees

- Plumbing Technology/ Plumber
- Electrical and Power Transmission Installation/ Installer, General
- Pipefitting / Pipefitter and Sprinkler Fitter
- High Performance and Custom Engine Technician/ Mechanic

#### Bachelor's Degrees

- Construction Science
- Operations Management and Supervision

### Credentials of Value

HBI Pre-Apprenticeship Certificate Training (PACT), Core  
Industrial Technology Maintenance (ITM) - Maintenance Piping  
NCCER Core  
NCCER Industrial Pipefitter  
NCCER Pipefitting, Level I  
NCCER Plumbing, Level I  
NCCER Plumbing, Level II  
NCCER Construction Technology Certification Level I  
Tradesman Plumber – Limited  
Valid Driver's License

### Postsecondary Training Providers

Collin College  
Navarro College  
Weatherford College  
Dallas College

### Secondary CTE Program of Study

Plumbing and Pipefitting

### Secondary Training Providers

Scurry-Rosser ISD  
Weatherford ISD



# TARGET INDUSTRY

Healthcare Practitioners & Support  
SOC CODE: 29-0000 & 31-0000



## WAGE

Entry Level Hourly: **\$13.15**  
Median Hourly: **\$39.85**

## JOBS

# of Regional Openings: **40,404**  
Projected Growth: **66 %**

## TOP EMPLOYERS



- Baylor Scott & White Health
- Texas Health
- HCA Healthcare
- Methodist Health Systems
- UnitedHealth Group



## NCTX HOT JOBS



Registered Nurse



Licensed Practical & Licensed Vocational Nurses



Radiological Technologies & Technicians

# TARGETED OCCUPATION

## Registered Nurse

SOC Code: 29-1141



Median Hourly Wage: \$39.21  
# of Regional Openings: 6,745  
Projected Growth in Region: 45%

### Postsecondary Pathways

Associate's Degrees:

- Registered Nursing/Registered Nurse

Bachelor's Degrees:

- Registered Nursing/Registered Nurse

Master's Degrees:

- Nurse Practitioner
- Nursing Science

### Credentials of Value

Registered Nurse (RN)

Basic Life Support (BLS) Certification

Advanced Cardiovascular Life Support (ACLS) Certification

Basic Cardiac Life Support

Pediatric Advanced Life Support (PALS)

Cardiopulmonary Resuscitation (CPR) Certification

American Red Cross (ARC) Certification

Licensed Vocational Nurse (LVN)

Advanced Life Support

Valid Driver's License

### Secondary Training Providers

|                |                  |                 |                   |                   |                 |
|----------------|------------------|-----------------|-------------------|-------------------|-----------------|
| Aledo ISD      | Celeste ISD      | Frost ISD       | Lone Oak ISD      | Plano ISD         | Terrell ISD     |
| Allen ISD      | Celina ISD       | Glen Rose ISD   | Loy Joy ISD       | Ponder ISD        | Three Way ISD   |
| Alvarado ISD   | Chico ISD        | Godley ISD      | Mabank ISD        | Poolville ISD     | Tolar ISD       |
| Anna ISD       | Cleburne ISD     | Gordon ISD      | Maypearl ISD      | Princeton ISD     | Venus ISD       |
| Argyle ISD     | Commerce ISD     | Granbury ISD    | Mckinney ISD      | Prosper ISD       | Waxahachie ISD  |
| Aubrey ISD     | Community ISD    | Greenville ISD  | Melissa ISD       | Quinlan ISD       | Weatherford ISD |
| Bland ISD      | Corsicana ISD    | Huckabay ISD    | Midlothian ISD    | Red Oak ISD       | Wolfe City ISD  |
| Blooming Grove | Crandall ISD     | Joshua ISD      | Mildred ISD       | Rice ISD          | Wylie ISD       |
| Blue Ridge ISD | Decatur ISD      | Kaufman ISD     | Mumford ISD       | Rio Vista ISD     |                 |
| Boles ISD      | Denton ISD       | Kemp ISD        | Millsap ISD       | Rockwall ISD      |                 |
| Boyd ISD       | Dublin ISD       | Kerens ISD      | Mineral Wells ISD | Royse City ISD    |                 |
| Bridgeport ISD | Ennis ISD        | Krum ISD        | Northwest ISD     | Sanger ISD        |                 |
| Brock ISD      | Farmersville ISD | Lake Dallas ISD | Palmer ISD        | Santo ISD         |                 |
| Burleson ISD   | Ferris ISD       | Lewisville ISD  | Paradise ISD      | Scurry-Rosser ISD |                 |
| Caddo ISD      | Forney ISD       | Lipan ISD       | Peaster ISD       | Springtown ISD    |                 |
| Campbell ISD   | Frisco ISD       | Little Elm ISD  | Pilot Point ISD   | Terrell ISD       |                 |

### Postsecondary Training Providers

Collin College

Hill College

Navarro College

North Central Texas College

Paris Junior College

Ranger College

Southwestern Adventist

Trinity Valley Community College

Texas State Technical College

Tarleton State University

Texas A&M University Commerce

Texas Woman's University

Weatherford College

### Secondary CTE Program of Study

Nursing Science

Healthcare Diagnostic



North Central Texas Pathways

# TARGETED OCCUPATION

## Licensed Practical & Licensed Vocational Nurses

**SOC Code: 29-2061**



**Median Hourly Wage: \$39.21**  
**# of Regional Openings: 6,745**  
**Projected Growth in Region: 45%**

### Postsecondary Pathways

IHE Certificate:  
Licensed Practical/Vocational Nurse

### Credentials of Value

Licensed Vocational Nurse (LVN)  
Licensed Practical Nurse (LPN)  
Registered Nurse (RN)  
Cardiopulmonary Resuscitation (CPR) Certification  
Basic Life Support (BLS) Certification  
Automated External Defibrillator (AED) Certification  
IV (Intravenous) Certification  
Advanced Cardiovascular Life Support (ACLS) Certification  
Valid Driver's License

### Postsecondary Training Providers

Collin College  
Hill College  
Navarro College  
North Central Texas College  
Paris Junior College  
Ranger College  
Texas State Technical College  
Weatherford College

### Secondary CTE Program of Study

Nursing Science  
Healthcare Diagnostic

### Secondary Training Providers

|                |                  |                 |                   |                   |                 |
|----------------|------------------|-----------------|-------------------|-------------------|-----------------|
| Aledo ISD      | Celeste ISD      | Frost ISD       | Lone Oak ISD      | Plano ISD         | Terrell ISD     |
| Allen ISD      | Celina ISD       | Glen Rose ISD   | Loy Joy ISD       | Ponder ISD        | Three Way ISD   |
| Alvarado ISD   | Chico ISD        | Godley ISD      | Mabank ISD        | Poolville ISD     | Tolar ISD       |
| Anna ISD       | Cleburne ISD     | Gordon ISD      | Maypearl ISD      | Princeton ISD     | Venus ISD       |
| Argyle ISD     | Commerce ISD     | Granbury ISD    | Mckinney ISD      | Prosper ISD       | Waxahachie ISD  |
| Aubrey ISD     | Community ISD    | Greenville ISD  | Melissa ISD       | Quinlan ISD       | Weatherford ISD |
| Bland ISD      | Corsicana ISD    | Huckabay ISD    | Midlothian ISD    | Red Oak ISD       | Wolfe City ISD  |
| Blooming Grove | Crandall ISD     | Joshua ISD      | Mildred ISD       | Rice ISD          | Wylie ISD       |
| Blue Ridge ISD | Decatur ISD      | Kaufman ISD     | Mumford ISD       | Rio Vista ISD     |                 |
| Boles ISD      | Denton ISD       | Kemp ISD        | Millsap ISD       | Rockwall ISD      |                 |
| Boyd ISD       | Dublin ISD       | Kerens ISD      | Mineral Wells ISD | Royse City ISD    |                 |
| Bridgeport ISD | Ennis ISD        | Krum ISD        | Northwest ISD     | Sanger ISD        |                 |
| Brock ISD      | Farmersville ISD | Lake Dallas ISD | Palmer ISD        | Santo ISD         |                 |
| Burleson ISD   | Ferris ISD       | Lewisville ISD  | Paradise ISD      | Scurry-Rosser ISD |                 |
| Caddo ISD      | Forney ISD       | Lipan ISD       | Peaster ISD       | Springtown ISD    |                 |
| Campbell ISD   | Frisco ISD       | Little Elm ISD  | Pilot Point ISD   | Terrell ISD       |                 |



# TARGETED OCCUPATION

## Radiological Technologies & Technicians

SOC Code: 29-2034



Median Hourly Wage: \$18.24  
# of Regional Openings: 5,705  
Projected Growth in Region: 0%

### Postsecondary Pathways

#### Enhanced Technical Skills Certificate

- Diagnostic Medical Sonography/Sonographer and Ultrasound Technician

#### IHE Certificates

- Electroneurodiagnostic/
- Electroencephalographic Technology/Technologist
- Radiologic Technology/Science - Radiographer

#### Associate's Degree:

- Diagnostic Medical Sonography/Sonographer and Ultrasound Technician
- Electroneurodiagnostic/
- Electroencephalographic Technology/Technologist
- Radiologic Technology/Science - Radiographer
- Nuclear Medical Technology/Technologist\*
- Magnetic Resonance Imaging (MRI) Technology/Technician\*\*

### Secondary Training Providers

|                |                  |                 |                   |
|----------------|------------------|-----------------|-------------------|
| Aledo ISD      | Celina ISD       | Godley ISD      | Lone Oak ISD      |
| Allen ISD      | Chico ISD        | Gordon ISD      | Loy Joy ISD       |
| Alvarado ISD   | Cleburne ISD     | Granbury ISD    | Mabank ISD        |
| Anna ISD       | Commerce ISD     | Greenville ISD  | Maypearl ISD      |
| Argyle ISD     | Community ISD    | Huckabay ISD    | Mckinney ISD      |
| Aubrey ISD     | Corsicana ISD    | Joshua ISD      | Melissa ISD       |
| Bland ISD      | Crandall ISD     | Kaufman ISD     | Midlothian ISD    |
| Blooming Grove | Decatur ISD      | Kemp ISD        | Mildred ISD       |
| Blue Ridge ISD | Denton ISD       | Kerens ISD      | Millsap ISD       |
| Boles ISD      | Dublin ISD       | Krum ISD        | Mineral Wells ISD |
| Boyd ISD       | Ennis ISD        | Lake Dallas ISD | Northwest ISD     |
| Bridgeport ISD | Farmersville ISD | Lewisville ISD  | Palmer ISD        |
| Brock ISD      | Ferris ISD       | Lipan ISD       | Paradise ISD      |
| Burleson ISD   | Forney ISD       | Little Elm ISD  | Peaster ISD       |
| Caddo ISD      | Frisco ISD       | Lone Oak ISD    | Pilot Point ISD   |
| Campbell ISD   | Frost ISD        | Loy Joy ISD     | Plano ISD         |
| Celeste ISD    | Glen Rose ISD    | Mabank ISD      | Ponder ISD        |

### Postsecondary Training Providers

Collin College

Hill College

North Central Texas College

Paris Junior College

Weatherford College

*\*Nuclear Medical Technology/Technologist - currently there are not any training programs available in North Central Texas. Closest program is located at Tarrant County College*

*\*\*Magnetic Resonance Imaging (MRI)*

*Technology/Technician - currently there are not any training programs available in North Central Texas. Closest program is located at Tarrant County College and Dallas College.*

### Credentials of Value

American Registry Of Radiologic Technologists (ARRT) Certified

Basic Life Support (BLS) Certification

Basic Cardiac Life Support

Certified Radiologic Technologist/Technician

Valid Driver's License

### Secondary CTE Program of Study

Healthcare Diagnostics

Poolville ISD

Tolar ISD

Princeton ISD

Venus ISD

Prosper ISD

Waxahachie ISD

Quinlan ISD

Weatherford ISD

Red Oak ISD

Wolfe City ISD

Rice ISD

Wylie ISD

Rio Vista ISD

Rockwall ISD

Royse City ISD

Sanger ISD

Santo ISD

Scurry-Rosser ISD

Springtown ISD

Terrell ISD

Three Way ISD



North Central Texas Pathways

# TARGET INDUSTRY

## Education

SOC CODE: 25-0000 & 39-0000



### WAGE

Entry Level Hourly: \$12.77

Median Hourly: \$29.17

### JOBS

# of Regional Openings: 47,584

Projected Growth: 36%

## TOP EMPLOYERS



- Denton ISD
- Frisco ISD
- Plano ISD
- Lewisville ISD
- Allen ISD

## NCTX HOT JOBS



Childcare Workers



Elementary School Teachers, Except Special and Career and  
Except Special Education



Secondary School Teachers,  
Technical Education

# TARGETED OCCUPATION

## Childcare Workers

SOC Code: 39-9011



Median Hourly Wage: \$9.04  
# of Regional Openings: 8,555  
Projected Growth in Region: 8,741

### Postsecondary Pathways

Enhanced Skills Certificate:

- Child Development

IHE Certificates:

- Child Development
- Child Care and Support Services and Management
- Child Care Provider/Assistant

Associates Degrees

- Child Development
- Child Care and Support Services and Management
- Child Care Provider/Assistant

### Credentials of Value

CPR, AED & First Aid Training  
Infant Safe Sleep Training  
Child Development Associate (CDA)  
Early Childhood Education and Care –  
Advanced  
Early Childhood Education and Care – Basic  
Educational Aide 1  
Pre-Professional Certification in Early  
Childhood Education  
Valid Driver's License

### Secondary CTE Program of Study

Early Learning

### Postsecondary Training Providers

American Red Cross  
CLI Circle Engage  
Collin College  
Hill College  
Navarro College  
North Central Texas College  
Ranger College  
Texas Health Steps  
Trinity Valley Community College  
Weatherford College

### Secondary Training Providers

|                  |                   |                 |
|------------------|-------------------|-----------------|
| Aledo ISD        | Glen Rose ISD     | Prosper ISD     |
| Allen ISD        | Godley ISD        | Quinlan ISD     |
| Alvarado ISD     | Granbury ISD      | Red Oak ISD     |
| Alvord ISD       | Greenville ISD    | Rio Vista ISD   |
| Aubrey ISD       | Joshua ISD        | Rockwall ISD    |
| Boles ISD        | Kaufman ISD       | Royse City ISD  |
| Boyd ISD         | Krum ISD          | Sanger ISD      |
| Bridgeport ISD   | Lake Dallas ISD   | Slidell ISD     |
| Brock ISD        | Lewisville        | Springtown ISD  |
| Burleson ISD     | Lingleville ISD   | Terrell ISD     |
| Caddo Mills ISD  | Little Elm ISD    | Venus ISD       |
| Celeste ISD      | Lone Oak ISD      | Waxahachie ISD  |
| Chico ISD        | Lovejoy ISD       | Weatherford ISD |
| Cleburne ISD     | Mabank ISD        | Wolfe City ISD  |
| Community ISD    | Maypearl ISD      | Wylie ISD       |
| Corsicana ISD    | McKinney ISD      |                 |
| Crandall ISD     | Melissa ISD       |                 |
| Decatur ISD      | Midlothian ISD    |                 |
| Denton ISD       | Mineral Wells ISD |                 |
| Ennis ISD        | Northwest ISD     |                 |
| Farmersville ISD | Palmer ISD        |                 |
| Ferris ISD       | Paradise ISD      |                 |
| Forney ISD       | Peaster ISD       |                 |
| Frisco ISD       | Plano ISD         |                 |



# TARGETED OCCUPATION

## Elementary School Teachers, Except Special Education



**SOC Code: 25-2021**

**Median Hourly Wage: \$28.78**  
**# of Regional Openings: 15,531**  
**Projected Growth in Region: 21%**

### Postsecondary Pathways

#### Associates Degrees

- Early Childhood Education and Teaching
- Multicultural Early Childhood Development
- Kindergarten/Preschool Education and Training
- Psychology/Sociology

#### Bachelor's Degrees

- Early Childhood Education and Teaching
- Multicultural Early Childhood Development
- Early Childhood
- Psychology/Sociology

### Secondary Training Providers

|                  |                 |                   |
|------------------|-----------------|-------------------|
| Aledo ISD        | Ferris ISD      | Mineral Wells ISD |
| Allen ISD        | Forney ISD      | Northwest ISD     |
| Alvarado ISD     | Frisco ISD      | Palmer ISD        |
| Alvord ISD       | Glen Rose ISD   | Paradise ISD      |
| Aubrey ISD       | Godley ISD      | Peaster ISD       |
| Boles ISD        | Granbury ISD    | Plano ISD         |
| Boyd ISD         | Greenville ISD  | Prosper ISD       |
| Bridgeport ISD   | Joshua ISD      | Quinlan ISD       |
| Brock ISD        | Kaufman ISD     | Red Oak ISD       |
| Burleson ISD     | Krum ISD        | Rio Vista ISD     |
| Caddo Mills ISD  | Lake Dallas ISD | Rockwall ISD      |
| Celeste ISD      | Lewisville      | Royse City ISD    |
| Chico ISD        | Lingleville ISD | Sanger ISD        |
| Cleburne ISD     | Little Elm ISD  | Slidell ISD       |
| Community ISD    | Lone Oak ISD    | Springtown ISD    |
| Corsicana ISD    | Lovejoy ISD     | Terrell ISD       |
| Crandall ISD     | Mabank ISD      | Venus ISD         |
| Decatur ISD      | Maypearl ISD    | Waxahachie ISD    |
| Denton ISD       | McKinney ISD    | Weatherford ISD   |
| Ennis ISD        | Melissa ISD     | Wolfe City ISD    |
| Farmersville ISD | Midlothian ISD  | Wylie ISD         |

### Secondary CTE Program of Study

Early Learning  
Teaching and Learning

### Postsecondary Training Providers

Collin College  
Hill College  
Navarro College  
North Central Texas College  
Paris Junior College  
Trinity Valley Community College  
Weatherford College  
Southwestern Adventist University  
Southwestern Assemblies of God University  
Tarleton State University  
Texas A&M University - Commerce  
Texas Woman's University  
University of North Texas

### Credentials of Value

Teaching Certificate  
Cardiopulmonary Resuscitation (CPR)  
Certification  
Automated External Defibrillator (AED)  
Certification  
No Child Left Behind Act (NCLB) Standards  
First Aid Certification  
Child Development Associate (CDA)  
Early Childhood Education and Care –  
Advanced  
Early Childhood Education and Care – Basic  
Educational Aide 1  
Pre-Professional  
Certification in Early  
Childhood Education  
Valid Driver's License





# TARGETED OCCUPATION

**Secondary School Teachers,  
Except Special and Career and Technical Education**

**SOC Code: 25-2031**



**Median Hourly Wage: \$28.96  
# of Regional Openings: 11,888  
Projected Growth in Region: 5,799**

## Postsecondary Pathways

### Associates Degrees

- Junior High/Intermediate/Middle School Teaching
- Teacher Education - Multiple Levels

### Bachelor's Degrees

- Secondary Certification for:
  - Art
  - English Emphasis/Writing
  - History
  - Life Science
  - Mathematics
  - Music Education
  - Physical Education
  - Physical Science
  - Reading
  - Social Studies
  - English, Language Arts & Reading

## Credentials of Value

Cardiopulmonary Resuscitation (CPR) Certification  
Automated External Defibrillator (AED) Certification  
First Aid Certification  
Educational Aide 1  
Every Student Succeeds Act (ESSA) Standards Teaching Certification  
Valid Driver's License

## Secondary CTE Program of Study

Early Learning Teaching and Learning

## Postsecondary Training Providers

Navarro College  
Ranger College  
Tarleton State University  
Texas A&M University - Commerce

## Secondary Training Providers

|                  |                   |                 |
|------------------|-------------------|-----------------|
| Aledo ISD        | Glen Rose ISD     | Prosper ISD     |
| Allen ISD        | Godley ISD        | Quinlan ISD     |
| Alvarado ISD     | Granbury ISD      | Red Oak ISD     |
| Alvord ISD       | Greenville ISD    | Rio Vista ISD   |
| Aubrey ISD       | Joshua ISD        | Rockwall ISD    |
| Boles ISD        | Kaufman ISD       | Royse City ISD  |
| Boyd ISD         | Krum ISD          | Sanger ISD      |
| Bridgeport ISD   | Lake Dallas ISD   | Slidell ISD     |
| Brock ISD        | Lewisville        | Springtown ISD  |
| Burleson ISD     | Lingleville ISD   | Terrell ISD     |
| Caddo Mills ISD  | Little Elm ISD    | Venus ISD       |
| Celeste ISD      | Lone Oak ISD      | Waxahachie ISD  |
| Chico ISD        | Lovejoy ISD       | Weatherford ISD |
| Cleburne ISD     | Mabank ISD        | Wolfe City ISD  |
| Community ISD    | Maypearl ISD      | Wylie ISD       |
| Corsicana ISD    | Mckinney ISD      |                 |
| Crandall ISD     | Melissa ISD       |                 |
| Decatur ISD      | Midlothian ISD    |                 |
| Denton ISD       | Mineral Wells ISD |                 |
| Ennis ISD        | Northwest ISD     |                 |
| Farmersville ISD | Palmer ISD        |                 |
| Ferris ISD       | Paradise ISD      |                 |
| Forney ISD       | Peaster ISD       |                 |
| Frisco ISD       | Plano ISD         |                 |



North Central Texas Pathways

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North Central Texas Pathways

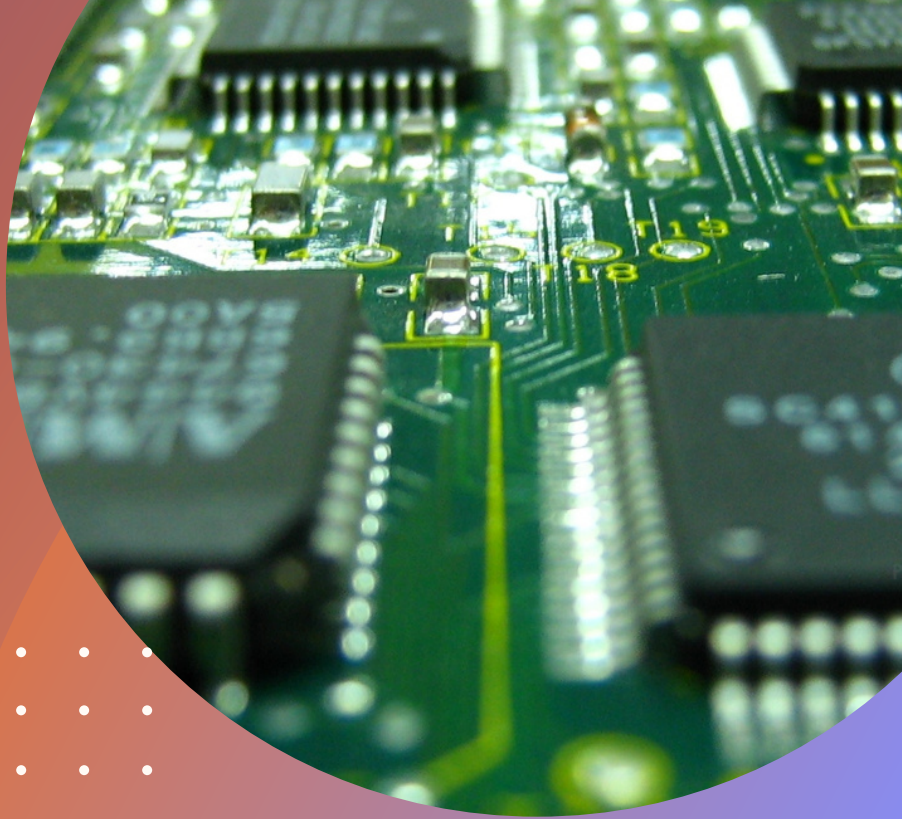
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## **North Central Texas Regional Pathways**

