



Forecasted annual growth for BHGT-affiliated occupations is **1.4%**. Most jobs are found in the restaurants and other eating places industry sector. However, these jobs in the service industry typically earn an entry-level wage that is less than the livable wage\*\*.



**More than 1 million people** are employed in BHGT-affiliated jobs in the Dallas–Fort Worth region, accounting for over 50% of employment. Many of those jobs—60%—require less than a bachelor’s degree.

**Top Living-wage Business, Hospitality and Global Trade related occupations based on the Greatest Projected 3-Year Total Demand in DFW**

Occupation	Dallas College Program	Current Employment	Forecasted 3-Year Growth Demand	Typical Entry-Level Hourly Wage	Top Industry	Typical Entry-level Education	Automation Risk
General and Operations Managers	Management / Business Administration	68,891	3,062	\$21.87	Management, Scientific and Technical Consulting Services	Bachelor's Degree	
Project Management Specialists and Business Operations Specialists, All Other	Project Management	47,043	1,989	\$24.13	Federal Government, Civilian	Bachelor's Degree	
Accountants and Auditors	Accounting	37,325	1,608	\$24.50	Accounting, Tax Preparation, Bookkeeping and Payroll Services	Bachelor's Degree	
Market Research Analysts and Marketing Specialists	Marketing	16,526	1,522	\$22.24	Management, Scientific and Technical Consulting Services	Bachelor's Degree	
Management Analysts	Management / Logistics, Supply Chain Management	197,982	1,358	\$28.81	Management, Scientific and Technical Consulting Services	Bachelor's Degree	
Financial Managers	Financial Management	17,246	1,518	\$36.86	Depository Credit Intermediation	Bachelor's Degree	
Human Resources Specialists	Business Administration	17,632	1,051	\$20.43	Employment Services	Bachelor's Degree	
Medical and Health Services Managers*	Business Administration	10,538	1,034	\$25.50	General Medical and Surgical Hospitals	Bachelor's Degree	
Securities, Commodities and Financial Services Sales Agents	Business	40,077	1,223	\$19.14	Depository Credit Intermediation	Bachelor's Degree	
Financial and Investment Analysts, Financial Risk Specialists, and Financial Specialists, All Other	Business/Business Administration	17,108	839	\$24.76	Nondepository Credit Intermediation	Bachelor's Degree	

\* Indicates Medical and Health Services Managers often begin their careers as administrative assistants or financial clerks within a health care office.

\*\* Indicates the livable wage calculation for Dallas County is currently at an hourly rate of \$18.08.

Burning Glass’s Automation Risk measures which occupations have a skills mix that is more susceptible to automation or computerization over the next 20 years. Risk categories are as such: Low Risk = 0-50% risk; Medium Risk = 51-85%; and High Risk = greater than 85%

**Top Related BHGT Specialized & Marketable Skills**



Customer Support



Restaurant Operation



Accounting



Finance



Auditing

## Top Potential Employer Partnerships with Demand by BHGT Related Job Postings



5,608 postings



J.P.Morgan

5,377 postings



4,793 postings



4,590 postings



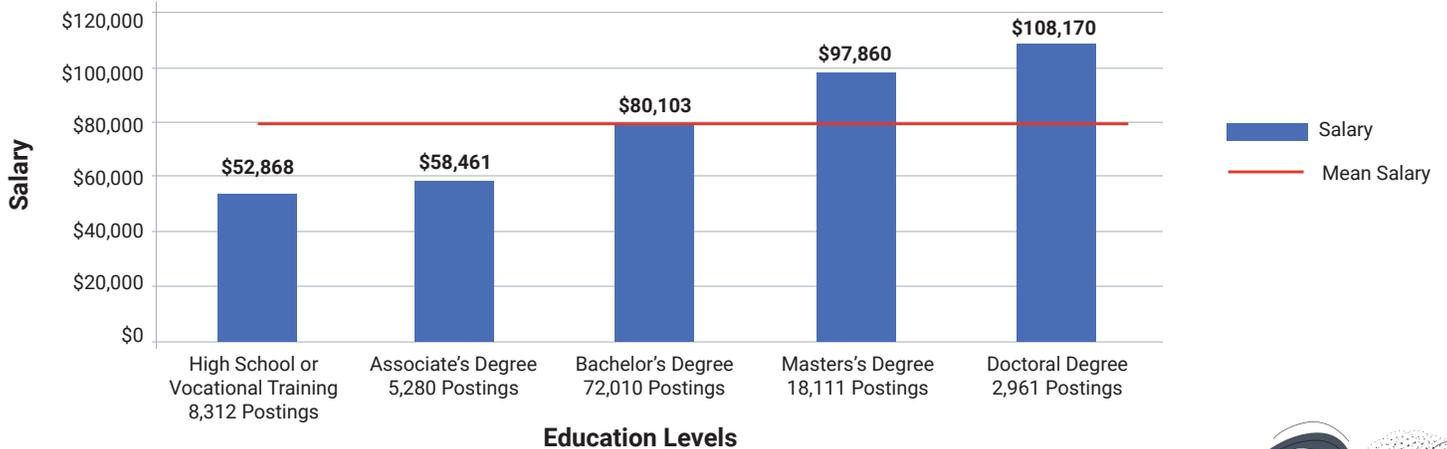
4,336 postings

Business and hospitality-related occupations in the region have a **median annual wage of \$41,138** compared to the national median of \$39,947. For all occupations in DFW, the median salary is \$42,900.

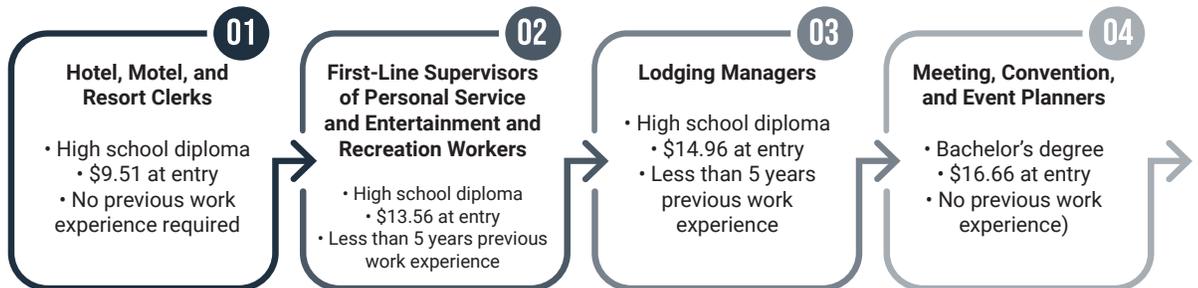


Workers in Business, Hospitality and Global Trade, especially hospitality-affiliated workers, would **likely benefit from upskilling into higher-wage jobs**. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.

### Target Occupations Advertised Salary by Education



### Business, Hospitality, and Global Trade Career Ladder



### 4-Year Transfer Possibilities

- University of North Texas at Dallas, Hospitality Management Bachelor's
- Dallas Baptist University, Hospitality Management Bachelor's
- University of Texas at Dallas, Business Administration Bachelor's
- Southern Methodist University, Business Administration, Bachelor's
- Texas Christian University, Business Administration Bachelor's

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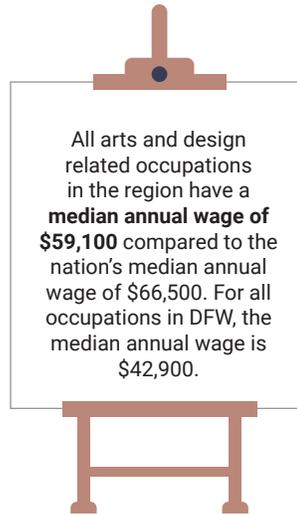
About the Labor Market Intelligence Center: As part of Dallas College's economic opportunity, the LMIC aspires to be the leading source of regional workforce information and the think-tank to respond to workforce needs for the Dallas College network.

Sources: Burning Glass Technologies, Texas Workforce Commission, Emsi Alumni Outcomes 2022 Q4, and Bureau of Labor Statistics



***NOW HIRING***

Forecasted annual growth for CAED-affiliated occupations is estimated at 4% in the Dallas-Fort Worth region. Most jobs are found in the advertising, public relations and related services industry sector.



All arts and design related occupations in the region have a **median annual wage of \$59,100** compared to the nation's median annual wage of \$66,500. For all occupations in DFW, the median annual wage is \$42,900.



Workers in the Creative Art, Entertainment and Design field would likely **benefit from upskilling** into higher-wage jobs. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.

**Top Living-wage Creative Arts, Entertainment and Design Related Occupations based on the Greatest Projected 3 Year Growth Demand in DFW.**

These jobs have a low automation risk and sometimes have on-the-job training available. However, employers may only consider applicants who have a bachelor's degree. Dallas College offers a guided pathway in the Fine Arts – Studio Track, Field of Study that is transferable to the University of North Texas to earn a bachelor's degree.

Occupation	Dallas College Program	Current Employment	Forecasted 3-Year Growth Demand	Typical Entry-Level Hourly Wage	Top Industry	Typical Entry-level Education	Typical on-the-job training
Public Relations Specialists	Communications / Marketing	8,159	320	\$16.84*	Advertising, Public Relations and Related Services	Bachelor's Degree	None
Merchandise Displayers and Window Trimmers	Fashion Marketing	7,563	157	\$10.29*	Advertising, Public Relations and Related Services	High School diploma or equivalent	Short-term on-the-job training
Graphic Designers	Digital Art and Design / Digital Media Technology	5,820	158	\$15.37*	Specialized Design Services	Bachelor's degree	None
Interpreters and Translators	World Languages / American Sign Language	1,609	150	\$15.15*	Other Professional, Scientific, and Technical Services	Bachelor's Degree	None
Audio and Video Technicians	Digital Media / Multimedia / Video Technology	1,419	108	\$12.33*	Commercial and Industrial Machinery and Equipment Rental and Leasing	Postsecondary nondegree award	Short-term on-the-job training
Technical Writers	Communications	1,757	90	\$26.25	Computer Systems Design and Related	Bachelor's Degree	Short-term on-the-job training
Writers and Authors	English Language and Literature	968	60	\$17.41*	Management, Scientific, and Technical Consulting Services	Bachelor's Degree	Long-term on-the-job training
Interior Designers	Interior Design/Visual Design Communications	1,865	43	\$16.68*	Specialized Design Services Management, Scientific, and Technical Consulting Services	Bachelor's Degree	None
Art Directors	Visual Presentation	895	39	\$21.74	Advertising, Public Relations, and Related Services	Bachelor's Degree	None
Editors	Communications	1,271	32	\$16.65*	Newspaper, Periodical, Book, and Directory Publishers	Bachelor's Degree	None
Commercial and Industrial Designers	Fine Arts - Studio	733	29	\$22.76	Specialized Design Services	Bachelor's Degree	None

\* Indicates the Typical Entry-Level Wage is below the livable wage calculation for Dallas County, which is currently at an hourly rate of \$18.08

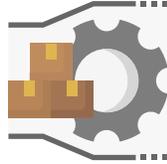
## Top Related CAED Specialized & Marketable Skills



Merchandising



Product Management



New Product Development



Strategic Planning

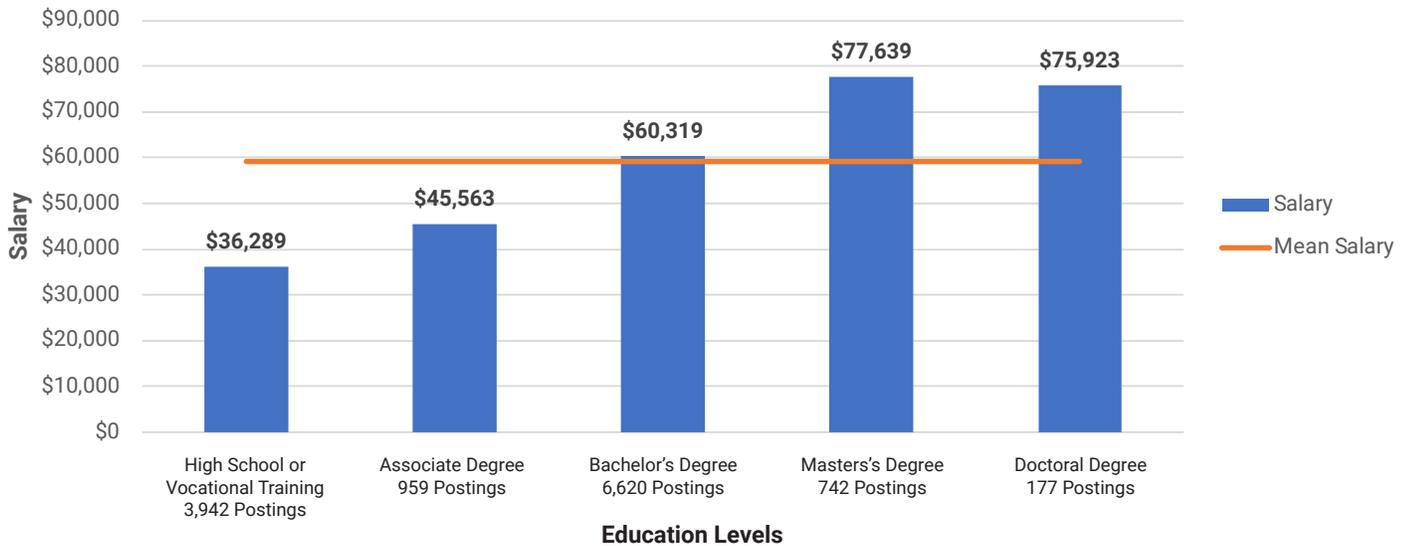


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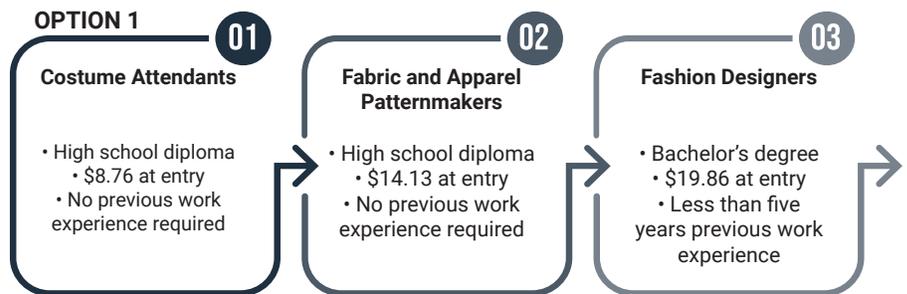


Digital Marketing

## Target Occupations Advertised Salary by Education



## Creative Arts, Entertainment, and Design Career Ladder



## Four-Year Transfer Possibilities

- University of North Texas, Interior Design Bachelor's
- Texas Christian University, Communications/Journalism Bachelor's
- University of North Texas Dallas, Digital Media Bachelor's
- Texas A&M University-Commerce, Graphic Design Bachelor's

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**NOW HIRING**

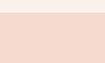
Forecasted annual growth for MIT-affiliated occupations is estimated at **3.9%** in the Dallas-Fort Worth region. Most entry-level roles do not require bachelor’s degrees. In fact, skills training, certificates and associate degrees are advantageous for entry and advancement in the job market.



Manufacturing and Industrial Technology jobs are with notable companies in Dallas–Fort Worth, and **more than 50% of students who graduate out of MIT programs work within MIT occupations.**

**Top Living-wage MIT Occupations based on the Greatest Projected 3-Year Total Growth Demand in DFW**

Within the last year, there was a monthly average of 19,360 MIT-related job postings in the Dallas-Fort Worth region. In other words, demand is high for MIT-trained workers.

Occupation	Dallas College Program	Current Employment	Forecasted 3-Year Growth Demand	Typical Entry-Level Hourly Wage	Top Industry	Typical Entry-level Education	Automation Risk
Heavy and Tractor-Trailer Truck Drivers	CE Automotive and Truck Driving	60,601	2,689	\$17.18*	General Freight Trucking	Postsecondary nondegree award	
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	Wholesale and Manufacturing	37,069	1,577	\$17.51*	Wholesale Electronic Market and Agents and Brokers	Bachelor's Degree	
Electricians	Electrical Technology	18,264	1,193	\$15.62*	Building Equipment Contractors	High school diploma or equivalent	
Construction Managers	Construction Technology	13,630	939	\$27.96	Nonresidential Building Construction	Bachelor's Degree	
First-Line Supervisors of Construction Trades and Extraction Workers	Construction Technology	17,256	904	\$20.85	Building Equipment Contractors	High School diploma or equivalent	
First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	Logistics, Supply Chain Management and Manufacturing Technology	14,347	792	\$17.60*	Warehousing and Storage	High school diploma or equivalent	
Industrial Machinery Mechanics	Industrial Maintenance	8,758	739	\$17.48*	Machinery, Equipment and Supplies Merchant Wholesalers	High school diploma or equivalent	
Plumbers, Pipefitters and Steamfitters	Construction Technology	12,268	647	\$15.52*	Building Equipment Contractors	High school diploma or equivalent	
First-Line Supervisors of Mechanics, Installers and Repairers	Automotive Technology	12,300	578	\$22.89	Automotive Repair and Maintenance	High school diploma or equivalent	
Welders, Cutters, Solderers and Brazers	Welding Technology	11,333	575	\$15.68*	Architectural and Structural Metals Manufacturing	High school diploma or equivalent	

\* Indicates the Typical Entry-Level Wage is below the livable wage calculation for Dallas County, which is currently at an hourly rate of \$18.08.

## Top Related Manufacturing & Industrial Technology Specialized & Marketable Skills



Customer Support



Selling Techniques



Truck Driving



Customer Relationship Management



Construction

## Top Potential Employer Partnerships with Demand by Manufacturing & Industrial Technology Related Job Postings



3,998 postings



2,788 postings



2,742 postings

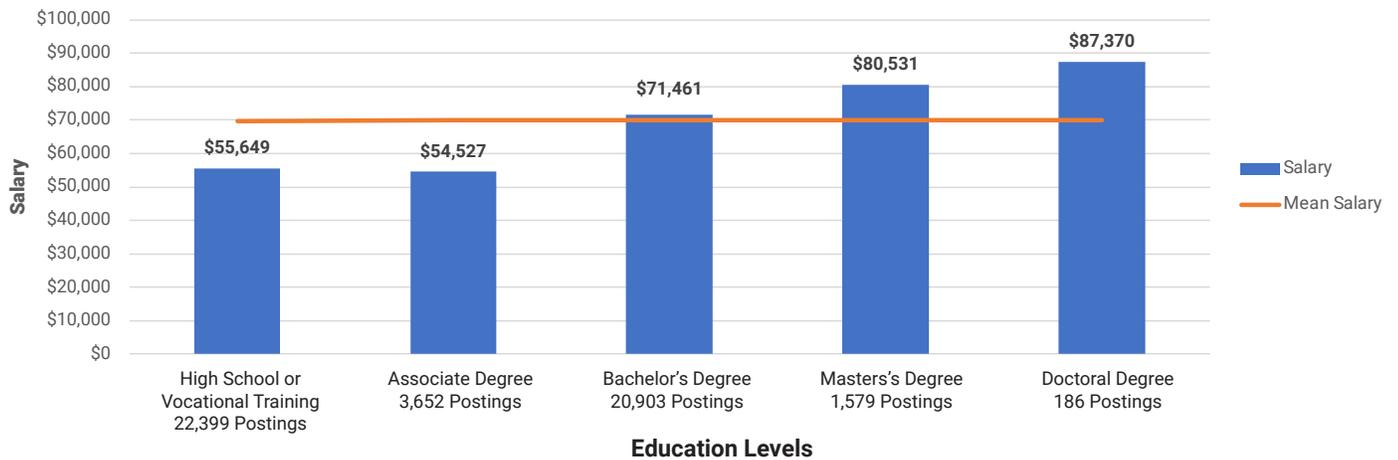


2,034 postings



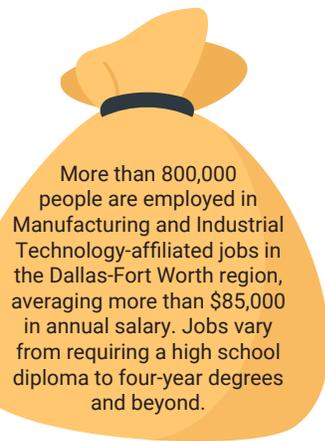
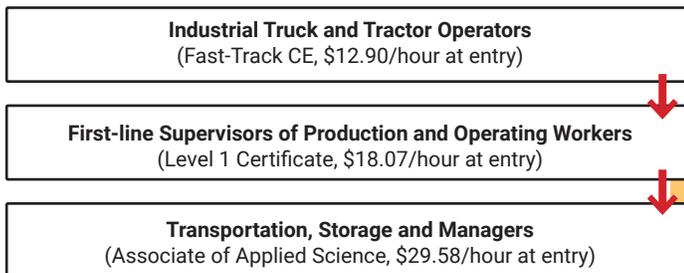
1,839 postings

## Target Occupations Advertised Salary by Education



Dallas College offers programs through the Texas Reskilling and Upskilling through Education (TRUE) Pathways to build stackable, workforce credentials with employment along with advancement opportunities in the local economy.

### Logistics Technician TRUE Pathway:



More than 800,000 people are employed in Manufacturing and Industrial Technology-affiliated jobs in the Dallas-Fort Worth region, averaging more than \$85,000 in annual salary. Jobs vary from requiring a high school diploma to four-year degrees and beyond.



Workers in the Manufacturing and Industrial Technology field would **likely benefit from upskilling** into higher-wage jobs. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.

### Four-Year Transfer Possibilities

- University of North Texas, Manufacturing Engineering Technology, Bachelor's
- Texas Christian University, Supply and Value Chain Management, Bachelor's

- University of North Texas at Dallas, Supply Chain and Marketing Management, Bachelor's
- University of Texas at Arlington, Construction Management, Bachelor's

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**NOW HIRING**

Forecasted annual growth for Law and Public Service-affiliated occupations is estimated at 5.4% in the Dallas-Fort Worth region. Jobs such as paralegals and legal assistants saw average monthly hires estimated at 419 in the Dallas-Fort Worth region within the last year. Additionally, Dallas County had an estimated 22,000 Law and Public Service-related job postings.



Workers in the Law and Public Service field would likely benefit from upskilling into higher-wage jobs. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.

Most Law and Public Service-related occupations can be found in the local government, excluding education and hospitals industry sector. On average, **the earnings for all Law and Public Service-related occupations is estimated at \$53,000** in the Dallas-Fort Worth region.

**Top Living-Wage Law & Public Service Occupations based on the Greatest Projected 3-Year Growth Demand in DFW**

The automation risk is low for most jobs in this field and degrees vary upon entry across top living-wage occupations.

Occupation	Dallas College Program	Current Employment	Forecasted 3-Year Growth Demand	Typical Entry-Level Hourly Wage	Top Industry	Typical education needed for entry	Typical on-the-job training
Lawyers	Conflict Management	15,989	922	\$33.95	Legal Services	Doctoral or professional degree	None
Paralegals and Legal Assistants	Paralegal	7,957	496	\$20.58	Legal Services	Associate degree	None
Police and Sheriff's Patrol Officers	Criminal Justice and Law Enforcement	14,155	491	\$24.83	Local Government, Excluding Education & Hospitals	High school diploma or equivalent	Moderate-term on-the-job training
Substance Abuse, Behavioral Disorder, and Mental Health Counselors	Substance Abuse Counseling	3,345	431	\$16.03**	Individual and Family Services	Bachelor's degree	None
Educational, Guidance and Career Counselors and Advisors	Social Work	6,121	361	\$18.40	Education and Hospitals (Local Government)	Master's degree	Short-term on-the-job training
Child, Family and School Social Workers	Social Work	5,381	350	\$16.62**	Education and Hospitals (Local Government)	Bachelor's degree	None
Firefighters	Protective and Public Services	7,298	235	\$19.51	Local Government, Excluding Education and Hospitals	Postsecondary nondegree award	Long-term on-the-job training
Healthcare Social Workers	Social Work	3,433	197	\$16.72**	Home Health Care Services	Master's Degree	Internship/Residency
Mental Health and Substance Abuse Social Workers	Psychology/Social Work	1,240	129	\$15.27**	Outpatient Care Centers	Master's Degree	Internship/Residency
Title Examiners, Abstractors and Searchers*	Real Estate	2,073	81	\$16.65**	Insurance Carriers	High school diploma or equivalent	Moderate-term on-the-job training

\* Falls under the legal side of real estate.

\*\* Indicates the Typical Entry-Level Wage is below the livable wage calculation for Dallas County, which is currently at an hourly rate of \$18.08.

## Top Related Law and Public Service Skills



Customer Support



Lawsuits



Social Work



Psychology



Treatment Planning



Emergency Response

## Top Potential Employer Partnerships with Demand by Law & Public Service Related Job Postings



1,275 postings



623 postings



594 postings

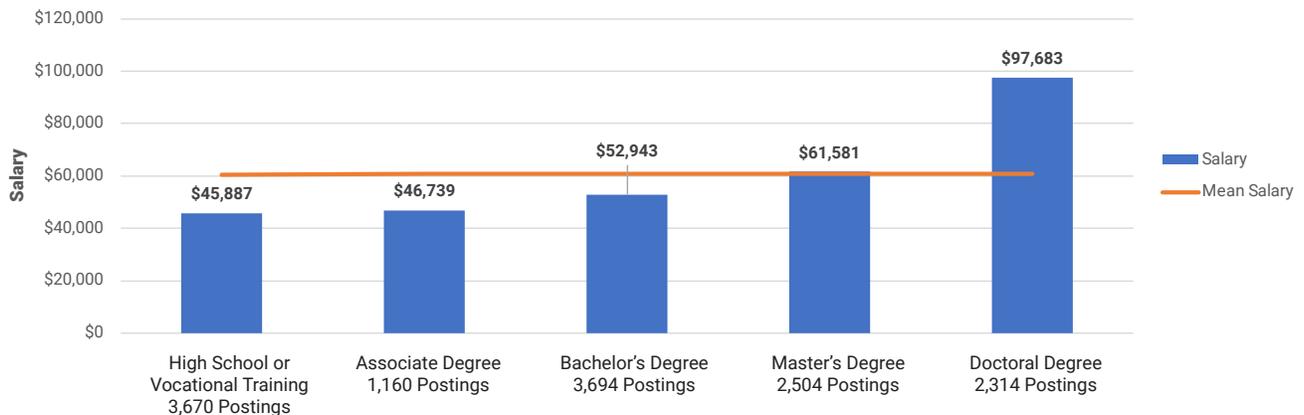


561 postings



551 postings

### Target Occupations Advertised Salary by Education



### Education Levels

#### Law and Public Service Ladder

##### OPTION 1

###### 01 Correctional Officers and Jailers

- High school diploma
- \$19.34 at entry
- No previous work experience required

###### 02 Detectives and Criminal Investigators

- High school diploma
- \$22.24 at entry
- Less than five years previous work experience

###### 03 Police and Sheriff's Patrol Officers

- High school diploma
- \$25.70 at entry
- No previous work experience required

###### 04 First-Line Supervisors of Police and Detectives

- High school diploma
- \$32.68 at entry
- Less than five years previous work experience

##### OPTION 2

###### 01 Title Examiners, Abstractors and Searchers

- High school diploma
- \$16.85 at entry
- No previous work experience required

###### 02 Legal Secretaries and Administrative Assistants

- High school diploma
- \$19.55 at entry
- No previous work experience required

###### 03 Paralegals and Legal Assistants

- Associate degree
- \$21.04 at entry
- No previous work experience required



#### Four-Year Transfer Possibilities

- University of North Texas, Pre-Law
- University of Texas at Arlington, Pre-Law

- Southern Methodist University, Graduate Law Programs

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**Led by Vice Provost Dr. Tetsuya Umebayashi**



**NOW HIRING**

Forecasted annual growth for HS-affiliated occupations is estimated at **6%** in the Dallas-Fort Worth region. In 2021 through 2022, registered nurses and home health and personal care aides saw average monthly hires estimated at 1,400 and 5,700 respectively.

Health Sciences is a **rapidly growing field** with opportunities for specialized training across continuing education and credit programs. While some careers in the field require more than a two-year degree such as registered nurses and speech-language pathologists, health sciences occupations earn more than the average total for all occupations combined.



Most health sciences jobs can be found in the general medical and surgical hospitals industry sector while Dallas College offers a wide variety of nursing programs!

**Coming Fall 2023! Dallas College will now offer a Bachelor's Degree in Nursing**



Health Sciences workers would likely benefit from upskilling into higher-wage jobs. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.

**Top 10 Living-wage Health Sciences Occupations with the Greatest Projected 3-Year Total Demand in DFW**

Even though most health sciences careers are at low or medium risk for automation, some occupations frequently require certifications or licensure in addition to education.

Occupation	Dallas College Program	Current Employment	Forecasted 3-Year Growth Demand	Typical Entry-Level Hourly Wage	Top Industry	Typical Entry-level Education	Typical on-the-job training
Registered Nurses	Nursing	60,701	2,636	\$27.22	General Medical and Surgical Hospitals	Bachelor's degree*	None
Medical Assistants	Medical Assisting	23,516	1,581	\$13.01**	Offices of Physicians	Postsecondary nondegree award	None
Nurse Practitioners	Nursing	4,833	770	\$41.61	Offices of Physicians	Master's degree	None
Dental Assistants	Dental Assisting	10,928	761	\$15.17**	Offices of Dentists	Postsecondary nondegree award	None
Nursing Assistants	Certified Nurse Aide/Assistant	19,314	716	\$10.76**	Nursing Care Facilities (Skilled Nursing Facilities)	Postsecondary nondegree award	None
Licensed Practical and Licensed Vocational Nurses	Nursing/Vocational Nursing	15,821	654	\$19.84	Home Health Care Services	Postsecondary nondegree award	None
Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other	Health Information Technology	7,805	513	\$13.84**	General Medical and Surgical Hospitals	Postsecondary nondegree award	None
Pharmacy Technicians	Pharmacy Technician	11,729	455	\$12.12**	Health and Personal Care Stores	High school diploma or equivalent	Moderate-term on-the-job training
Dental Hygienists	Dental Hygiene	4,877	414	\$32.94	Offices of Dentists	Associate degree	None
Clinical Laboratory Technologists and Technicians	Medical Laboratory Technology	8,172	412	\$15.45**	General Medical and Surgical Hospitals	Bachelor's degree	None
Speech-Language Pathologists	No related Dallas College program offered	4,748	371	\$17.00**	Education and Hospitals (Local Government)	Master's degree	Internship/residency

\* Indicates the typical entry-level education as reported by the Bureau of Labor Statistics. However, most employers will hire with a minimum of an associate degree.

\*\* Indicates the Typical Entry-Level Wage is below the livable wage calculation for Dallas County, which is currently at an hourly rate of \$18.08.

## Top Related Health Sciences Specialized & Marketable Skills



Nursing



Basic Life Support



Customer Support



Cardiopulmonary Resuscitation (CPR)



Advanced Cardiovascular Life Support (ACLS)

## Top Potential Employer Partnerships with Demand by Health Sciences Related Job Postings



16,090 postings



11,548 postings



10,213 postings

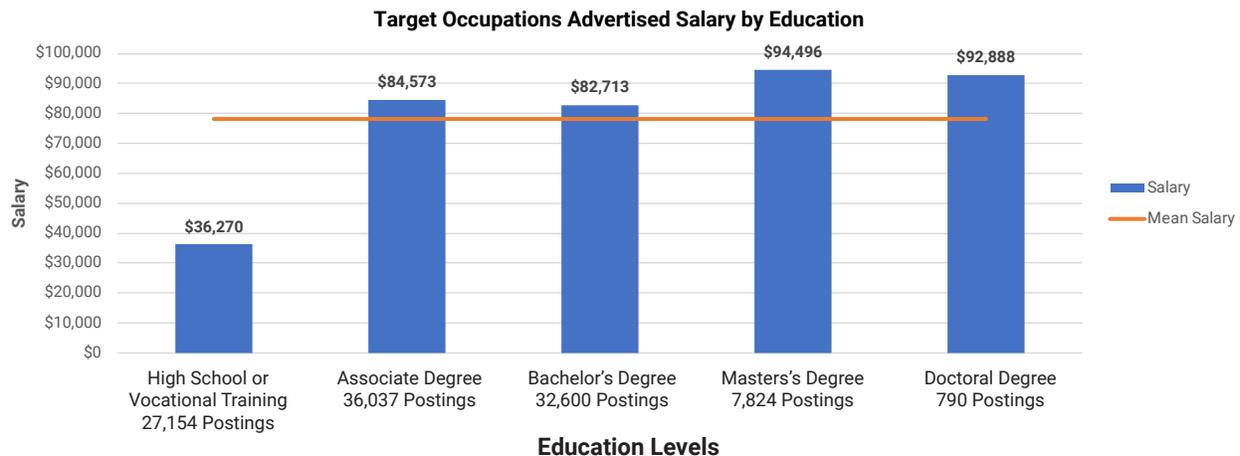


4,561 postings



4,176 postings

\* HCA Healthcare is a network of hospitals that include DFW area hospitals such as Medical City Dallas and Medical City Arlington



## Health Sciences Career Ladder

### OPTION 1

01

#### Licensed Practical and Licensed Vocational Nurses

- Postsecondary non-degree award
- \$20.06 at entry
- Less than five years previous work experience

02

#### Registered Nurses

- Bachelor's degree
- \$28.32 at entry
- Less than five years previous work experience

### OPTION 2

01

#### Medical Secretaries and Administrative Assistants

- High school diploma
- \$14.06 at entry
- No previous work experience required

02

#### First-line Supervisors of Office and Administrative Support Workers

- High school diploma
- \$20.73 at entry
- Less than five years previous work experience

03

#### Medical and Health Services Managers

- Bachelor's degree
- \$23.50 at entry
- Less than five years previous work experience



## Four-Year Transfer Possibilities

- Texas Woman's University, Nursing Science, Bachelor's
- University of Texas at Dallas, Audiology & Speech-Language Pathology, Bachelor's

- University of North Texas Health Science Center, Physical Therapy Master's

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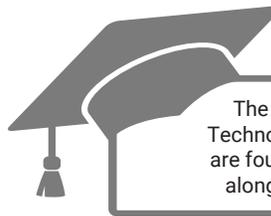
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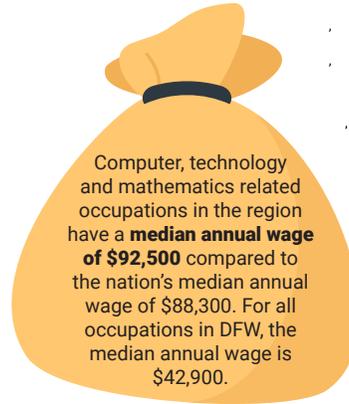


**NOW HIRING**

Forecasted annual growth for ETMS-affiliated occupations is estimated at **4%** in the Dallas-Fort Worth region. In an average month between 2021-2022, there were **14,660 job postings for computer and mathematical occupations**, which signals high demand and potential for wage increases.



The Dallas–Fort Worth region is a hotspot for Engineering, Technology, Mathematics and Sciences occupations. Most jobs are found in the computer systems design and related services, along with depository credit intermediation industry sectors.



Computer, technology and mathematics related occupations in the region have a **median annual wage of \$92,500** compared to the nation’s median annual wage of \$88,300. For all occupations in DFW, the median annual wage is \$42,900.



Workers in Engineering, Technology, Mathematics and Sciences jobs would likely **benefit from upskilling into higher-wage jobs**. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.

**Top 10 Living-wage Engineering, Technology, Mathematics and Sciences Occupations with the Greatest Projected 3 Year Growth Demand in DFW**

These jobs occasionally have on-the-job training available. However, many employers will only consider applicants who have a bachelor’s degree. Dallas College offers a guided pathway in software engineering that is transferable to the University of Texas at Dallas to earn a bachelor’s degree.

Occupation	Dallas College Program	Current Employment	3-Year Growth Demand	Typical Entry-Level Hourly Wage	Top Industry	Typical Entry-level Education	Automation Risk
Software Developers and Software Quality Assurance Analysts and Testers	Computer Information Technology/Computer Science	53,716	5,770	\$33.69	Computer Systems Design and Related Services	Bachelor’s Degree	
Computer User Support Specialists	Computer Information Technology/Computer Science	22,650	1,250	\$15.16*	Computer Systems Design and Related Services	Some college, no degree	
Computer Systems Analysts	Computer Information Technology/Computer Science	21,256	1,144	\$29.32	Computer Systems Design and Related Services	Bachelor’s Degree	
Information Security Analysts	Computer Information Technology	6,223	680	\$35.00	Computer Systems Design and Related Services	Bachelor’s Degree	
Network and Computer Systems Administrators	Computer Information Technology/Computer Science	11,871	504	\$28.19	Computer Systems Design and Related Services	Bachelor’s Degree	
Operations Research Analysts	Mathematics	4,087	361	\$23.42	Management, Scientific and Technical Consulting Services	Bachelor’s Degree	
Computer Network Support Specialists	Computer Information Technology/Computer Science	7,182	296	\$24.11	Computer Systems Design and Related Services	Associate Degree	
Civil Engineers	Civil Engineering	6,346	291	\$25.94	Architectural, Engineering and Related	Bachelor’s Degree	
Web Developers and Digital Interface Designers	Computer Information Technology/Computer Science	3,916	277	\$20.66	Computer Systems Design and Related Services	Associate Degree	
Computer Network Architects	Computer Information Technology/Computer Science	7,020	271	\$35.41	Computer Systems Design and Related Services	Bachelor’s Degree	

\* Indicates the Typical Entry-Level Wage is below the livable wage calculation for Dallas County, which is currently at an hourly rate of \$18.08.

Burning Glass’s Automation Risk measures which occupations have a mix of skills that is more susceptible to automation or computerization over the next 20 years. Risk categories are as such: Low Risk = 0-50% risk; Medium Risk = 51-85%; and High Risk = greater than 85%

## Top ETMS Specialized and Marketable Skills



Agile Methodology



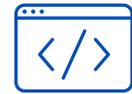
Computer Science



SQL  
(Programming Language)



Java  
(Programming Language)



Python  
(Programming Language)

## Top Potential Employer Partnerships with Demand by Engineering, Technology, Mathematics and Sciences Related Job Postings



6,246 postings



3,708 postings



3,561 postings



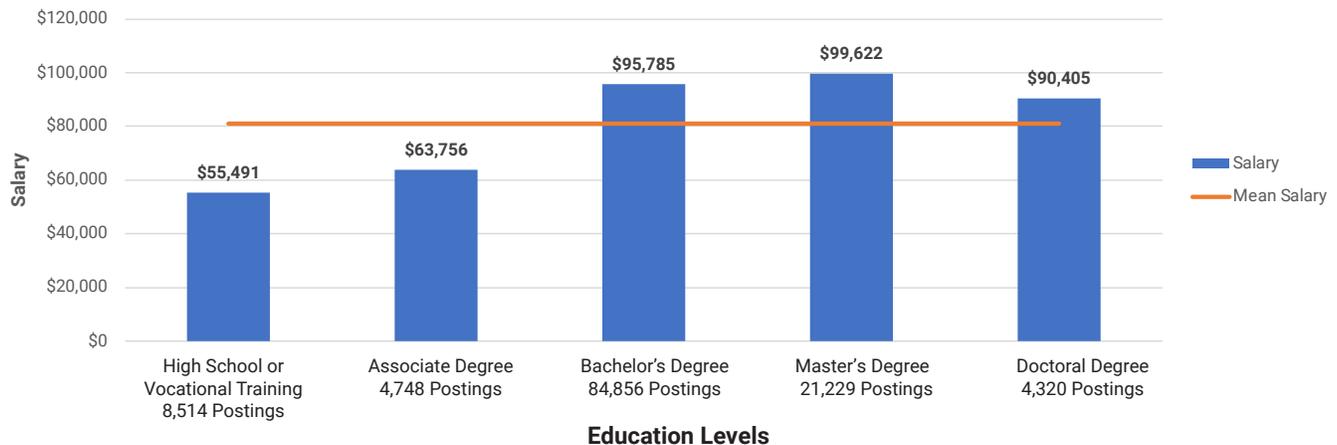
3,558 postings



J.P.Morgan

3,407 postings

### Target Occupations Advertised Salary by Education



## Engineering, Technology, Mathematics and Science Career Ladder

### OPTION 1

01

#### Computer User Support Specialist

- Some college, no degree
- \$15.88 at entry
- No previous work experience required

02

#### Computer Systems Analyst

- Bachelor's degree
- \$29.32 at entry
- No previous work experience required

03

#### Computer and Information Research Scientist

- Master's degree
- \$39.65 at entry
- No previous work experience required

### OPTION 2

01

#### Web developer and Digital Interface Designer

- Associate degree
- \$22.40 at entry
- No previous work experience required

02

#### Software Developer and Software Quality Assurance Analyst

- Bachelor's degree
- \$35.97 at entry
- No previous work experience required

03

#### Computer and Information Systems Manager

- Bachelor's degree
- \$53.92 at entry
- Five years or more of previous work experience



## Four-Year Transfer Possibilities

- University of Texas at Dallas, Computer Engineering, Bachelor's
- University of Texas at Dallas, Biomedical Engineering, Bachelor's

- University of Texas at Arlington, Geology, Bachelor's
- University of Texas at Arlington, Environmental Science, Bachelor's

For more information, contact the Labor Market Intelligence Center at:

[LMIC@dccd.edu](mailto:LMIC@dccd.edu) or visit [dallascollege.edu/LMIC](http://dallascollege.edu/LMIC)

About the Labor Market Intelligence Center: As part of Dallas College's economic opportunity, the LMIC aspires to be the leading source of regional workforce information and the think-tank to respond to workforce needs for the Dallas College network.

Sources: Burning Glass Technologies, Texas Workforce Commission, Emsi Alumni Outcomes 2022 Q4 and Bureau of Labor Statistics



**“It is the supreme art of the teacher to awaken joy in creative expression and knowledge.”**  
 - Albert Einstein

**Led by Vice Provost Dr. Robert DeHaas**

Forecasted annual growth for education-affiliated occupations is estimated at **5.6%** in the Dallas-Fort Worth region.

Education or education-related occupations in the region have a median annual wage of \$54,700 compared to the nation's median annual wage of \$52,000. For all occupations in DFW, the median annual wage is \$42,900.



Education workers have opportunities to upskill to living wage employment, mostly in other education-affiliated occupations. However, some library roles can lead to occupations outside of education. Common transitions in the DFW workforce demonstrate opportunities for advancement through education and training, creating a career ladder to living wage employment.



*Learn while you work:* Most in-demand positions may not constitute full-time work and earn less than a living wage salary, such as tutors, child care workers, teaching assistants or substitute teachers. However, opportunities exist to earn a wage while obtaining a teaching degree.

Dallas College offers a Bachelor of Science in Early Childhood Education (BAS ECE) in addition to an Associate of Arts in Teaching (AAT) designed to lead to an initial Texas teacher certification.

These jobs have a low automation risk and sometimes have on-the-job training available.

**Top Living-wage Education Occupations with the Greatest Projected 3-Year Total Demand in DFW**

Occupation	Current Employment	3-Year Growth Demand	Typical Entry-Level Wage	Typical Entry-level Education
Elementary School Teachers, Except Special Education	33,331	1,830	\$24.46	Bachelor's Degree
Secondary School Teachers, Except Special and Career/Technical Education	25,340	1,374	\$23.11	Bachelor's Degree
Middle School Teachers, Except Special and Career/Technical Education	15,406	827	\$24.54	Bachelor's Degree
Instructional Coordinators	5,559	275	\$23.25	Master's Degree
Special Education Teachers, Kindergarten and Elementary School	3,875	232	\$25.11	Bachelor's Degree
Kindergarten Teachers, Except Special Education	4,220	192	\$20.88	Bachelor's Degree
Special Education Teachers, Secondary School	3,512	188	\$22.28	Bachelor's Degree
Librarians and Media Collections Specialists	2,457	129	\$22.29	Bachelor's Degree
Career/Technical Education Teachers, Secondary School	2,912	121	\$24.70	Bachelor's Degree
Special Education Teachers, Middle School	1,866	101	\$24.56	Bachelor's Degree

## Top Related Education Specialized & Marketable Skills



Lesson Planning



Child Development



Cardiopulmonary Resuscitation



Preschool Education



Classroom Management

## Top Potential Employer Partnerships with Demand by Education Related Job Postings



2,766 postings



1,576 postings

ResponsiveEd<sup>®</sup>

1,108 postings

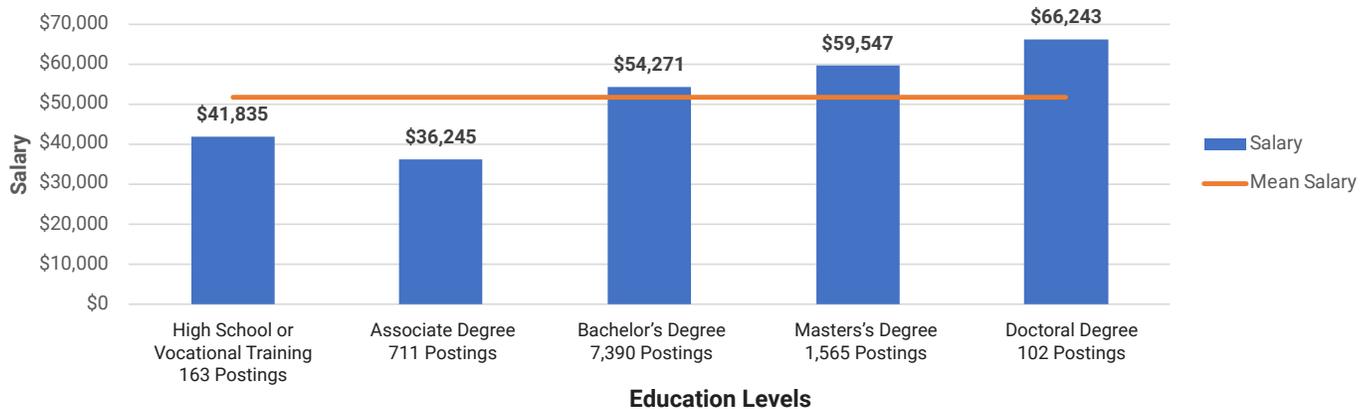


1,043 postings



905 postings

## Target Occupations Advertised Salary by Education



## Education Career Ladder

### OPTION 1

01

#### Preschool Teachers, Except Special Education

- Associate degree
- \$11.45 at entry
- No previous work experience required

02

#### Middle School Teachers, Except Special and Career/Technical Education

- Bachelor's degree
- \$20.70 at entry
- No previous work experience required

03

#### Instructional Coordinators

- Master's degree
- \$24.24 at entry
- Five years or more previous experience required

### OPTION 2

01

#### Teaching Assistants, Except Postsecondary

- Some college, no degree
- \$11.45 at entry
- No previous work experience required

02

#### Elementary School Teachers, Except Special Education

- Bachelor's degree
- \$24.64 at entry
- No previous work experience required

03

#### Education Administrators, Kindergarten through Secondary

- Master's degree
- \$32.44 at entry
- Five years or more of previous work experience



## Post-Baccalaureate Possibilities

- The University of Texas at Arlington - Educational Leadership and Policy Studies, Master's
- University of North Texas - Curriculum and Instruction, Ph.D.

- Texas Woman's University - Education, Leadership and Organization, Ph.D.
- Southern Methodist University - Higher Education, Master's
- Texas Christian University - Special Education, Master's

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