

Business & Industry

Can you imagine
YOURSELF
here?



HR MANAGER

Projected number of jobs
in Texas by 2028:

9,859

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$78,714

Average pay:

\$126,466



Explore your future with **THE FOUNDATION HIGH SCHOOL PROGRAM**

FOUNDATION HIGH SCHOOL PROGRAM (FHSP)

A plan of 22 credits you and all your classmates will have to earn to graduate high school. (See page 5)

ENDORSEMENT

 An option you can add to your high school transcript to show your knowledge and skills gained in one of five areas: STEM, Arts & Humanities, Business & Industry, Public Services, and Multidisciplinary Studies.

You must complete specific courses approved by your district.

ENDORSEMENT QUESTIONS?

Talk to your school counselor!

FIGURING OUT WHAT YOU WANT TO DO

when you grow up is a challenge, but it's worth it!

With the Foundation High School Program's endorsement options, you have the opportunity to explore classes that interest you today so you can find your dream job tomorrow. In many of these courses, you will even get to experience what it's like to work in the jobs that interest you.

Remember: you have options, probably more than you have ever considered. If you want to work for someone else, or help operate a large corporation, you can become a financial manager, or a human resources manager, and someday maybe even a chief executive officer. If you want to run your own businesses, you might pursue a career as a real estate agent, plumber, private chef or baker, or a landscaping architect, for example.



PLUMBER

Jobs projected in Texas by 2028:

57,686

Typical credentials:

High School Diploma

Typical starting pay:

\$32,379

Average pay:

\$50,318

FINANCIAL MANAGER

Jobs projected in Texas by 2028:

53,840

Typical credentials:

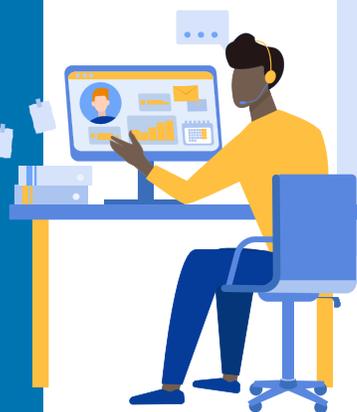
Bachelor's Degree

Typical starting pay:

\$72,789

Average pay:

\$145,701



So go exploring! Research your endorsement/career interest options before deciding which paths to pursue. The decisions you make about your education today will affect how well you enjoy your job in the future, how much money you earn, your future lifestyle, and so much more. So think it through, plan your future, and have fun!



VISIT

texasworkforce.org/labormarket
to see which products best
suit your needs



GO TO

texascareercheck.com &
click "Explore Careers"

CALL

1-800-822-PLAN (7526)
Career Info Hotline

For more info on jobs
in Business & Industry:

So, you think you might want to select the Foundation High School Program's Business & Industry endorsement option? Awesome! Browse through some of the data for Business & Industry job titles in this booklet to help you decide if this is the right educational and career path for you.

We hope that by learning all you can about potential careers in the fields that interest you, you will be empowered to find a career that you love, and that also pays for you to live the way you want once you are living on your own. So enjoy this booklet, explore some options, and don't hesitate to talk to your parents, family, friends, teachers, counselors, and us at the Texas Workforce Commission if you have questions about your career goals.

Business & Industry Occupations Can Be Found In The Following Career Clusters:



**Agriculture,
Food & Natural
Resources**



Manufacturing



**Hospitality &
Tourism**



**Information
Technology**



**Law &
Public Service**



**Architecture &
Construction**



**Transportation,
Distribution
& Logistics**



**Arts, A/V
Technology &
Communications**



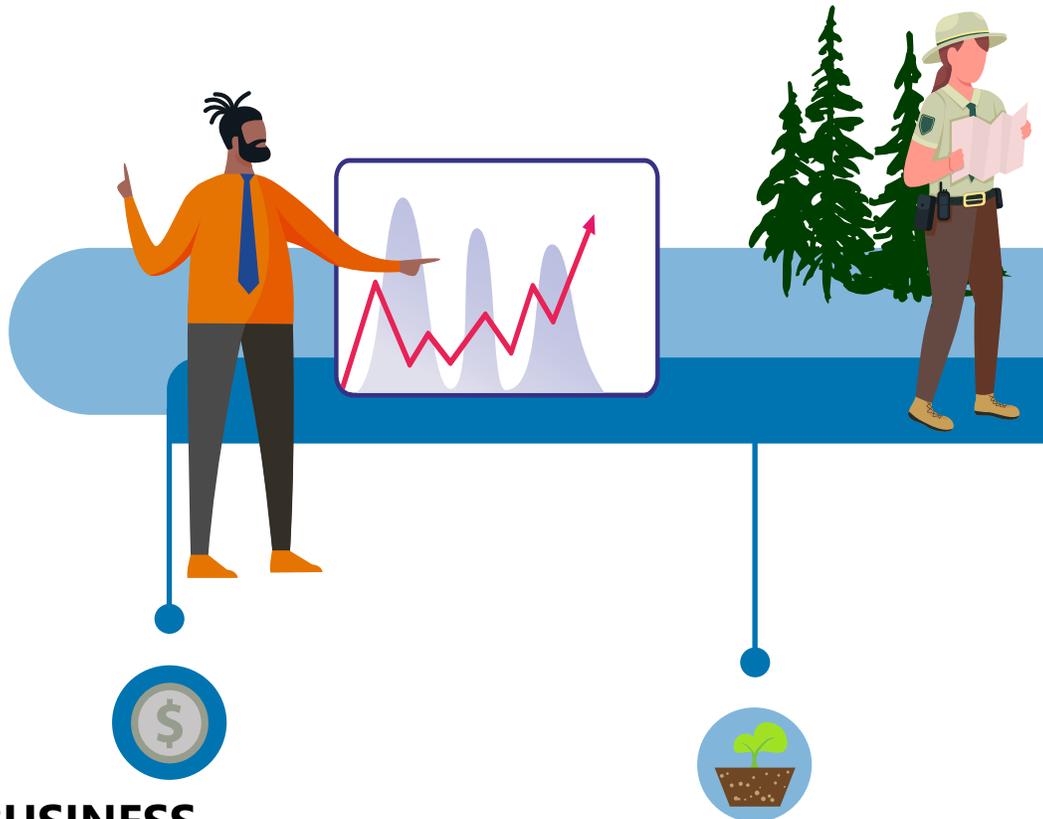
**Business,
Marketing
& Finance**

TO THE RIGHT

are some sample occupations under the Business & Industry endorsement. Not all Business- or Industry-related occupations are included here (there are hundreds), and some of those listed may also fall under other endorsements.

VISIT

TWC's Autocoder website at www.Bit.Ly/autocoder to find other job titles that may interest you! Just enter a job title or description in the search field and common titles will populate. Upon selecting one, a catalog of other closely related job titles will appear.



BUSINESS, MARKETING & FINANCE

- Accountants/Auditors
- Business Teachers
- Actuaries
- Chief Executives
- Insurance Underwriters
- Bill & Account Collectors
- Claims Adjusters
- Labor Relations Specialists
- Bookkeeping Clerks
- Executive Assistants
- Human Resource Managers
- Medical & Health Service Managers

AGRICULTURE, FOOD & NATURAL RESOURCES

- Agricultural Inspectors
- Derrick Operators
- Agricultural Science Teachers
- Fish & Game Wardens
- Pest Control Workers
- Animal Breeders
- Log Graders & Scalers
- Petroleum Technicians
- Animal Scientists
- Mining Machine Operators
- Pump Operators
- Environmental Engineering Technicians

BUSINESS & INDUSTRY OCCUPATIONS BY EMPHASIS



ARCHITECTURE & CONSTRUCTION

- Architects
- Construction Managers
- Brickmasons
- Drafters
- Landscape Architects
- Interior Designers
- Electricians
- Painters
- Carpenters
- Extractions Workers
- Pipelayers
- Structural Iron & Steel Workers



HOSPITALITY & TOURISM or IT

- Web Developers
- Concierges
- Museum Technicians
- Bakers
- Parking Lot Attendants
- Cashiers
- Chefs & Head Cooks
- Hotel Desk Clerks
- Food Service Managers
- Set & Exhibit Designers
- Database Administrators
- Tour Guides & Escorts



MANUFACTURING, TRANSPORTATION, DISTRIBUTION & LOGISTICS

- Air Traffic Controllers
- Bus Drivers
- Fiberglass Laminators
- Aircraft Mechanics
- Cabinetmakers
- Machinists
- Auto Body Repairers
- Chemical Plant Operators
- Model Makers, Plastic & Metal Avionics Technicians
- Dispatchers
- Semiconductor Processors

FHSP GRADUATION REQUIREMENTS

This table shows what every Texas student needs to graduate. Every student must earn the 22 credits under the “FHSP” column. Your parents or guardians will need to give the school district written permission to allow you to waive earning an endorsement. Otherwise, you must pick an endorsement and earn the total 26 credits to graduate. Remember that your school district has the authority to establish requirements in addition to those listed here. Check with your school counselor for more information.

Courses Required for FHSP Credits	FHSP Credits	FHSP Credits + Endorsement Credits	Distinguished Credits
ENGLISH English I, II, and III Advanced English course	4	4	4
MATH Algebra I Geometry Advanced Math course	3	4 all Foundation-Only +1 advanced Math	4 all Foundation-Only +Algebra II
SCIENCE Biology Integrated Physics & Chemistry Advanced Science course	3	4 all Foundation-Only +1 advanced Science	4 all Foundation-Only +1 advanced Science
SOCIAL STUDIES U.S. History U.S. Government (1/2 credit) Economics (1/2 credit) World History or Geography	3	3	3
PHYSICAL EDUCATION	1	1	1
LANGUAGES OTHER THAN ENGLISH 2 credits in the same language or 2 credits from Computer Science I, II, & III	2	2	2
FINE ARTS	1	1	1
ELECTIVES Classes available for electives may be based upon the endorsement options selected by the student	5	7	7
SPEECH Demonstrated proficiency	0	0	0
TOTAL CREDITS	22	26	26

PERFORMANCE ACKNOWLEDGMENTS

Students can earn one or more performance acknowledgments in addition to their high school graduation plan. There are several different areas in which students can earn these performance acknowledgments, shown below.

Performance Acknowledgments Can Be Earned With The Following:

- 1 A nationally (or internationally) recognized business/industry certification or license
- 2 Advanced Placement or International Baccalaureate exam performance
- 3 PSAT, ACT Aspire, SAT, or ACT score
- 4 Bilingualism and biliteracy
- 5 Dual credit courses

If you are interested in earning one (or more!) of the above performance acknowledgements in addition to your high school graduation plan, have a conversation with your parent or guardian about which options are best for your future. Reach out to a counselor at school to find out more about specific guidelines concerning performance acknowledgments at your institution.



YOUR BUSINESS & INDUSTRY ENDORSEMENT OPTIONS

Students may earn one or more endorsements as part of their high school diploma. This means students interested in earning the Business and Industry endorsement have options. Please see the information below for more detailed information on endorsements.



- **An endorsement consists of a sequence of courses that are grouped together by interest or occupational skill. They provide students with in-depth knowledge of a subject area or a high-wage, high-skill, and in-demand occupation.**
- **Every career and technical education (CTE) Program of Study leads to an endorsement. Use this link to see how CTE Programs of Study align to different endorsements:** www.Bit.Ly/2YF42Uq

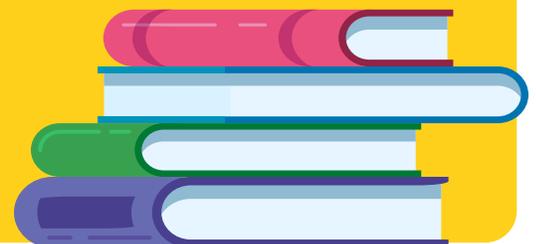


- **Students earn an endorsement by:**
 - Completing four credits in math
 - Completing four credits in science
 - Earning two additional elective credits, and
 - Completing the curriculum requirements for the endorsement.



- **To earn the Business and Industry endorsement, students must complete a sequence of courses in one of the following areas, or a combination of courses from no more than two areas:**

- CTE Business and Industry-related Program of Study
- Agriculture, food and natural resources
- Architecture and construction
- Arts, audio-video technology, and communications
- Business management and administration
- English electives in public speaking, debate, advances broadcast journalism, including newspaper and yearbook
- Information Technology
- Finance
- Hospitality and tourism
- Manufacturing
- Marketing
- Transportation, distribution, and logistics



Keep In Mind

The career titles listed here are just a fraction of all the possible occupation opportunities available in the Business & Industry endorsement area, so be sure to visit TWC's AutoCoder website to find other job titles that may interest you:
www.Bit.Ly/autocoder.



COSMETOLOGIST

Jobs projected in Texas by 2028:

60,873

Typical credentials:

Post-High School Certification

Typical starting pay:

\$17,779

Average pay:

\$27,027

CHIEF EXECUTIVE

Jobs projected in Texas by 2028:

7,437

Typical credentials:

Master's Degree

Typical starting pay:

\$128,813

Average pay:

\$231,308



CONSTRUCTION MANAGER

Jobs projected in Texas by 2028:

60,570

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$61,699

Average pay:

\$97,973



CAN YOU IMAGINE

Using Labor Market Statistics to Filter Through Career Options

It is important to think about how much money you'll earn in any given occupation. But you should consider several other factors to help you make informed choices. Check out the information and numbers below for a few jobs in the Business & Industry fields to learn about other important statistics you can discover on the Texas Career Check website, www.TexasCareerCheck.com. Use this information to help you determine what's important to you in a career.

YOU WILL:

Mix and bake ingredients to produce breads, rolls, cookies, cakes, pies, pastries, or other baked goods.

Most workers in manual food processing jobs require little or no training prior to being hired. Excellent communications skills, curiosity, and attention to detail are highly desired traits.

Highly skilled bakers should be in demand.



BAKER

Jobs projected in Texas by 2028:

18,865

Typical credentials:

High School Diploma

Typical starting pay:

\$20,214

Average pay:

\$25,833

YOURSELF HERE?

AUTOMOTIVE SERVICE TECH

Jobs projected in Texas by 2028:

65,328

Typical credentials:

High School Diploma

Typical starting pay:

\$27,685

Average pay:

\$45,915



YOU WILL:

Perform routine clerical and administrative functions such as drafting correspondence, scheduling appointments, organizing and maintaining paper and electronic files, or providing information to callers.

Opportunities should be best for applicants with extensive knowledge of computer software applications.

YOU WILL:

Diagnose, adjust, repair, or overhaul automotive vehicles.

Formal automotive technician training is the best preparation.

Automotive service technicians and mechanics must continually adapt to changing technology and repair techniques.



EXECUTIVE ASSISTANT

Jobs projected in Texas by 2028:

34,669

Typical credentials:

Associate's Degree

Typical starting pay:

\$41,515

Average pay:

\$59,372



CLAIMS ADJUSTER

Jobs projected in Texas by 2028:

24,979

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$44,572

Average pay:

\$67,530

WELDER

Jobs projected in Texas by 2028:

61,604

Typical credentials:

Post-High School Certification

Typical starting pay:

\$32,475

Average pay:

\$46,938

AIR TRAFFIC CONTROLLER

Jobs projected in Texas by 2028:

2,253

Typical credentials:

High School Diploma

Typical starting pay:

\$86,354

Average pay:

\$132,700



TEXAS WORKFORCE COMMISSION

Education Outreach

101 E. 15th Street, Room 354, Austin, TX 78778-0001

Hotline: 800-822-7526 (toll free) | Fax: 512-961-4861

Email: careerinformation@twc.texas.gov

Equal Opportunity Employer/Program. Auxiliary aids and services are available upon request to individuals with disabilities. Relay Texas: 800-735-2989 (TTY) and 711 (Voice).