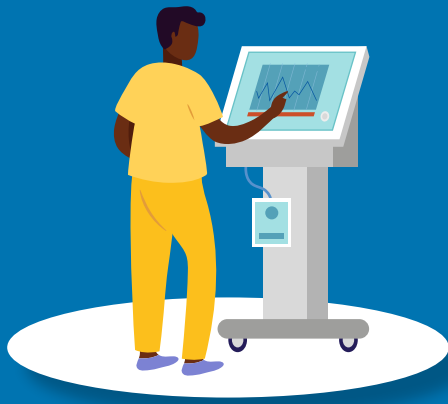


explore your future with

The Foundation High School Program

Can you imagine
YOURSELF
here?



CARDIO- VASCULAR TECH

Projected number of jobs
in Texas by 2028:

7,157

Typical credentials:

Associate's Degree

Typical starting pay:

\$31,023

Average pay:

\$55,593



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 (FHSP) 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. There are five endorsement options available through the FHSP:

- Arts & Humanities
- Business & Industry
- Public Service
- Science, Technology, Engineering, & Mathematics (STEM)
- Multidisciplinary Studies

So go exploring in this bulletin to get a brief overview of each of the five endorsement areas. Once you find endorsements which interest you, look into those individual bulletins to further explore the endorsements that best represent your interests.



ASTRONOMER

Jobs projected in Texas by 2028:

221

Typical credentials:

Post-Ddoctoral Training

Typical starting pay:

\$61,290

Average pay:

\$110,345

COMPUTER PROGRAMMER

Jobs projected in Texas by 2028:

22,008

Typical credentials:

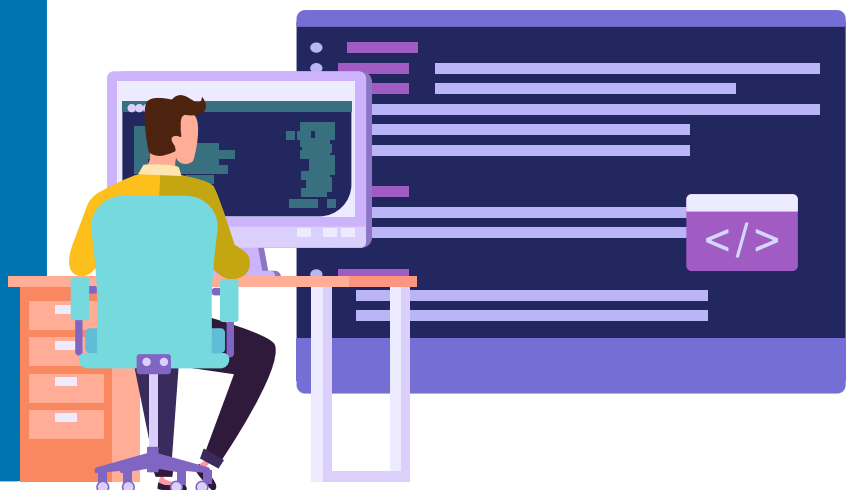
Bachelor's Degree

Typical starting pay:

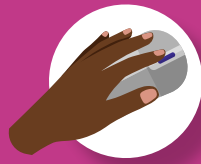
\$58,648

Average pay:

\$95,619



Though it may take you some time to do a bit of research on your endorsement choices and how they connect to your course options, both in high school and beyond, it is well worth the effort to ensure that the career you are training for now is one that you will enjoy, be challenged by, and continue to grow in.



VISIT

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



For more info on jobs in
specific endorsements:

GO TO

texascareercheck.com &
click "Explore Careers"

CALL

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

Browse through some of the data for jobs in all 5 endorsement areas in this booklet to help you decide the right educational and career path for you. Then check out the bulletin dedicated to the endorsements you are most interested in to learn more about career opportunities in industries which align to your favorite endorsements.

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.

Occupations Can Be Broken Down Into These 14 Career Clusters:



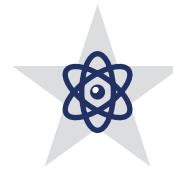
**Education
& Training**



Energy



Manufacturing



STEM



**Law &
Public Service**



**Hospitality
& Tourism**



**Information
Technology**



**Health
Science**



**Human
Services**



**Architecture &
Construction**



**Agriculture,
Food & Natural
Resources**



**Transportation,
Distribution
& Logistics**



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



**Business,
Marketing
& Finance**

TO THE RIGHT

are some sample occupations under each FHSP endorsement. Not all occupations are included here (there are hundreds), and some of those listed may also be found 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.



ARTS & HUMANITIES

- Actor
- Animator
- Art Director
- Broadcast Technician
- Camera Operator
- Choreographer
- Commercial/Industrial Designer
- Desktop Publisher
- Entertainer
- Film & Video Editor
- Fine Artist
- Graphic Designer
- Makeup Artist
- News Analyst

BUSINESS & INDUSTRY

- 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

ENDORSEMENT OCCUPATIONS



PUBLIC SERVICE

- Assessor
- Aviation Inspector
- Compliance Officer
- Court Reporter
- Detective
- Dispatcher
- Economist
- Game Warden
- Intelligence Analyst
- Judge/Magistrate
- Legislator
- Tax Examiner
- Postal Worker
- Statistician
- Urban Planner

STEM

- App Developer
- Computer Engineer
- Cellular Biologist
- Chemist
- Food Scientist
- Forester
- Geneticist
- Meteorologist
- Marine Architect
- Mechanical Engineer
- Nutritionist
- Optometrist
- Pharmacist
- Physical Therapist

MULTI-DISCIPLINARY STUDIES

- Commercial Pilot
- Sonographer
- Statistical Assistant
- Tailor/Custom Sewer
- Transportation Planner
- Treasurers/Controller
- Veterinarians
- Video Game Designer
- Water/Wastewater Engineer
- Web Developer
- Woodworker
- Zoologist/Wildlife Biologist

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.



CHOOSE YOUR ENDORSEMENT OPTIONS

Students may earn one or more endorsements as part of their high school diploma. This means you have options! Please see the information below for general steps for earning an FHSP endorsement, and then read on for more information detailing how to earn each of the five specific 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.

The specific curriculum requirements for each of the five endorsement areas are listed below. Read carefully, as each endorsement requires its own unique sequence of coursework.



To earn the STEM endorsement, students must also complete a sequence of courses in one of the following areas, or a combination of courses from no more than two areas:

- CTE STEM courses or an approved STEM-related Program of Study
- Mathematics
- Science



To earn the ARTS & HUMANITIES endorsement, students must also complete one of the following:

- Two levels each in two languages other than English
- Four levels in the same language other than English
- Courses from one or two disciplines in Fine Arts (music, theater, art, dance, or film)
- English electives not included in the Business and Industry endorsement
- Social Studies



To earn the Business & Industry endorsement, students must also 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, or Advanced Broadcast Journalism, including Newspaper and Yearbook
- Information Technology
- Finance
- Hospitality and Tourism
- Manufacturing
- Marketing
- Transportation, Distribution, and Logistics



To earn the PUBLIC SERVICE endorsement, students must also complete a sequence of courses in one of the following areas:

- CTE Public Service-related Programs of Study
- Human Services
- Law, Public Safety, Corrections, and Security
- Health Science
- Education and Training
- Government and Public Administration
- Junior Reserve Office Training Corps (JROTC)



To earn the MULTIDISCIPLINARY STUDIES endorsement, students must also complete one of the following:

- Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation
- Four credits in each foundation subject area, including Chemistry and/or Physics and English IV or a comparable Advanced Placement (AP) or International Baccalaureate (IB) English course
- Four credits in AP, IB, or dual credit courses selected from English, Mathematics, Science, Social Studies, Economics, languages other than English (LOTE), or Fine Arts

CAN YOU IMAGINE

Using Labor Market Statistics to Filter Through Career Options

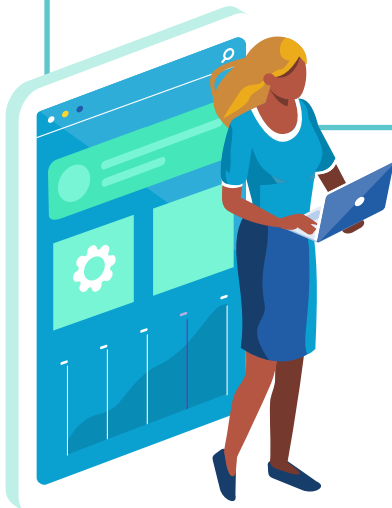
It is important to think about how much money you'll earn in any given occupation. But you should consider several other factors to help you make informed choices. Check out the information and numbers below for a few jobs in a variety of fields to learn about the important statistics you can discover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

YOU WILL:

Design, create, and modify websites. Analyze user needs to implement website content, graphics, performance, and capacity. May integrate websites with other computer applications.

May convert written, graphic, audio, and video components to compatible web formats by using software designed to facilitate the creation of web and multimedia content.

Excellent job prospects are expected. Workers can enter this field with many different levels of formal education, but relevant computer skills are required.



WEB DEVELOPER

Jobs projected in Texas by 2028:

11,822

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$45,280

Average pay:

\$73,886

YOURSELF HERE?

REAL ESTATE MANAGER

Jobs projected in Texas by 2028:

29,929

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$35,282

Average pay:

\$75,313



YOU WILL:

Make exact measurements and determine property boundaries. Provide data relevant to the shape, contour, gravitation, location, elevation, or dimension of land or land features on or near the earth's surface for engineering, mapmaking, mining, land evaluation, construction, and other purposes.

Depending on specialization, this position may require anywhere from an Associate degree or to a Master's degree. Surveyors who have a Bachelor's degree and strong technical skills should have favorable job prospects.

YOU WILL:

Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary functions, lung capacity, and similar tests.

Workers typically need a 2-year associate degree at a junior or community college; most employers also require a professional credential.

Techs with multiple professional credentials, trained to perform a wide range of procedures, will have the best prospects.

SURVEYOR

Jobs projected in Texas by 2028:

5,324

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$38,778

Average pay:

\$66,267





MUNICIPAL CLERK

Jobs projected in Texas by 2028:

10,710

Typical credentials:

High School Diploma

Typical starting pay:

\$27,034

Average pay:

\$37,896



PSYCHOLOGIST

Jobs projected in Texas by 2028:

1,178

Typical credentials:

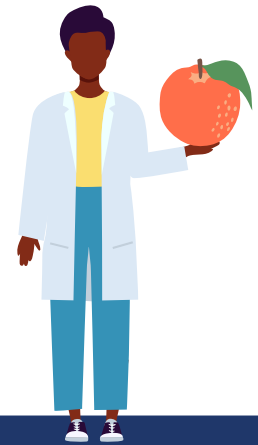
Doctoral Degree

Typical starting pay:

\$61,017

Average pay:

\$92,266



DIETITIAN & NUTRITIONIST

Jobs projected in Texas by 2028:

6,138

Typical credentials:

Bachelor's Degree

Typical starting pay:

\$37,948

Average pay:

\$57,033



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).