

# Multidisciplinary Studies

Can you imagine  
**YOURSELF**  
here?



## REAL ESTATE MANAGER

Projected number of jobs  
in Texas by 2028:

**29,929**

Typical credentials:

**Bachelor's Degree**

Typical starting pay:

**\$35,282**

Average pay:

**\$75,313**

## 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. With the Multidisciplinary Studies endorsement, you can explore more than one career or academic pathway, so your options remain more flexible.



Many occupations require you to build knowledge from more than one endorsement. For example, nurses are classified primarily under the Public Service endorsement, but also have a strong Science, Technology, Engineering and Math (STEM) component. Other Multidisciplinary occupations include historians, animal scientists, biomedical engineers, and more.

## PSYCHOLOGIST

Jobs projected in Texas by 2028:

**1,178**

Typical credentials:

**Doctoral Degree**

Typical starting pay:

**\$61,017**

Average pay:

**\$92,266**

## COMPUTER PROGRAMMER

Jobs projected in Texas by 2028:

**22,008**

Typical credentials:

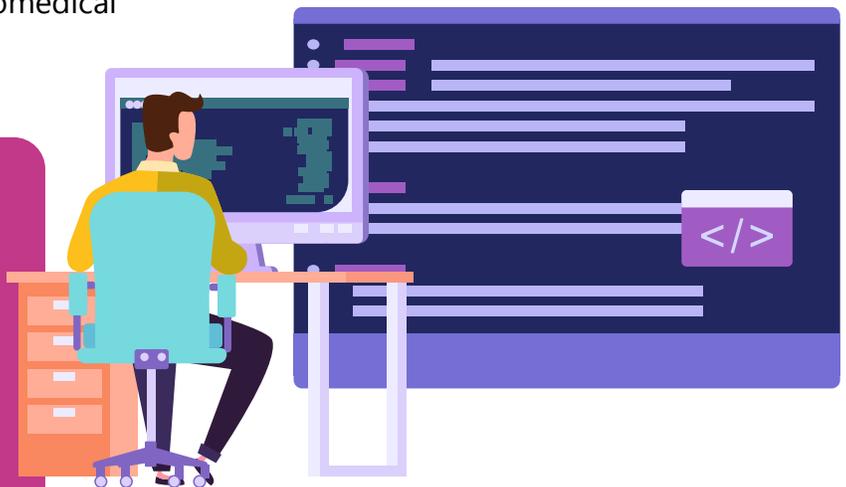
**Bachelor's Degree**

Typical starting pay:

**\$58,648**

Average pay:

**\$95,619**



So go exploring! Research your endorsement and 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](https://texasworkforce.org/labormarket)  
to see which products best  
suit your needs

For more info on jobs in  
Multidisciplinary Studies:

## GO TO

[texascareercheck.com](https://texascareercheck.com) &  
click "Explore Careers"

## CALL

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

So, you think you might want to select the Foundation High School Program's Multidisciplinary Studies endorsement option? Awesome! Browse through some of the data for Multidisciplinary Studies jobs 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.

### Multidisciplinary Studies Occupations Can Be Found In All 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**



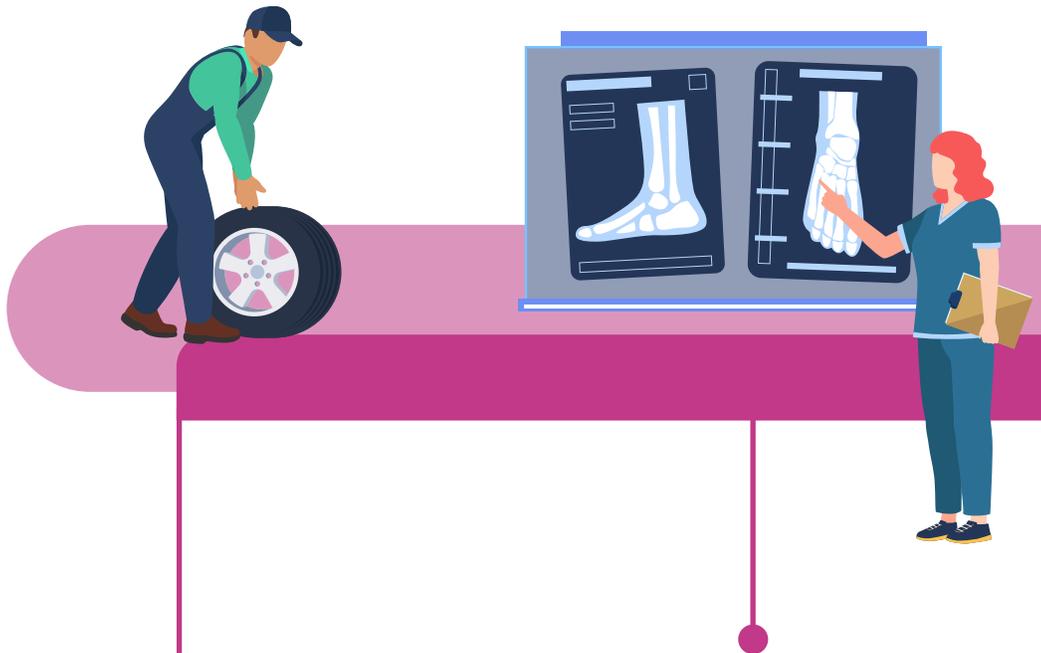
**Business,  
Marketing  
& Finance**

## TO THE RIGHT

are some sample occupations under the Multidisciplinary Studies endorsement. Occupations in this endorsement can be found in all career clusters. Not all Multidisciplinary Studies-related occupations are included here (there are hundreds), and those listed can also be found under other endorsements.

## VISIT

TWC's Autocoder website at [www.Bit.Ly/autocoder](http://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.



- Accountant
- Actor
- Aerospace Engineer
- Athletic Agent
- Anesthesiologist
- Agricultural Tech
- Architectural Drafter
- Author
- Biomedical Engineer
- Budget Analyst
- Chiropractor
- Choreographer
- Commercial Pilot
- Computer Programmer
- Dental Technician
- Desktop Publisher
- Economist
- Environmental Engineer
- Epidemiologist
- Emergency Management Director
- Fashion Designer
- Forensic Science Technician
- Gaming/Sports Book Writer
- Genetic Counselor
- Healthcare Practitioner
- Information Security Analyst
- Interpreter/Translator
- Jeweler
- Legal Secretary
- Librarian
- Licensed Vocational Nurse

# MULTIDISCIPLINARY STUDIES OCCUPATIONS



- Makeup Artist
- Marriage & Family Therapist
- Medical/Clinical Lab Technologist
- Medical Transcriptionist
- Multimedia Artist
- Computer Systems Administrator
- Nursing Assistant
- Nuclear Medicine Technologists
- Office & Administrative Support Worker

- Optometrist
- Pharmacy Tech
- Personal Financial Advisor
- Photographer
- Producer
- Proofreader/Copy Marker
- Physical Therapist
- Paralegal/Legal Assistant
- Post-Secondary Educator
- Psychiatrist
- Radiation Therapist

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

# 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.



# MULTIDISCIPLINARY STUDIES ENDORSEMENT OPTIONS

Students may earn one or more endorsements as part of their high school diploma. This means students interested in earning the Multidisciplinary 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](http://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 Multidisciplinary endorsement, students must 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

## Keep In Mind

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



### SPEECH- LANGUAGE PATHOLOGIST

Jobs projected in Texas by 2028:

**19,618**

Typical credentials:

**Master's Degree**

Typical starting pay:

**\$49,074**

Average pay:

**\$74,060**

### VIDEO GAME DESIGNER

Jobs projected in Texas by 2028:

**30,849**

Typical credentials:

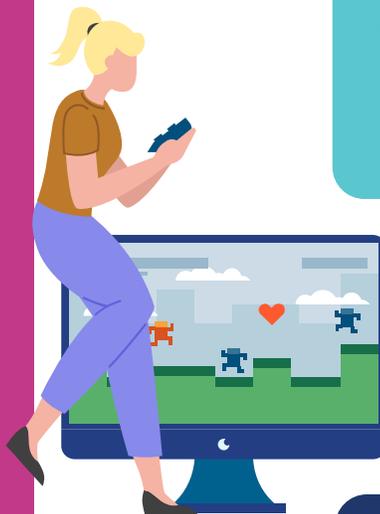
**Bachelor's Degree**

Typical starting pay:

**\$53,330**

Average pay:

**\$85,586**



### LODGING MANAGER

Jobs projected in Texas by 2028:

**5,382**

Typical credentials:

**Bachelor's Degree**

Typical starting pay:

**\$32,012**

Average pay:

**\$54,749**



# CAN YOU IMAGINE

## Using Labor Market Statistics to Filter Through Career Options

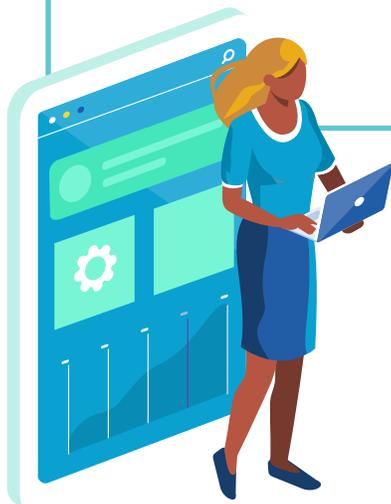
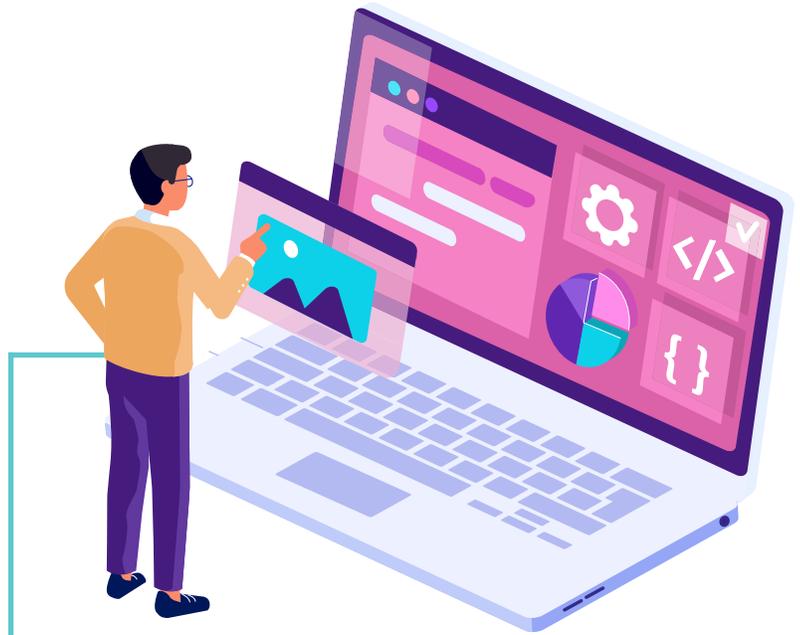
It is important to think about how much money you'll earn in any given occupation. But you should consider several other factors to help you make informed choices. Check out the information and numbers below for a few jobs in the Multidisciplinary Studies fields to learn about other important statistics you can discover on the Texas Career Check website, [www.TexasCareerCheck.com](http://www.TexasCareerCheck.com). 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?

## CARDIO-VASCULAR TECHNOLOGIST

Jobs projected in Texas by 2028:

**7,157**

Typical credentials:

**Associate's Degree**

Typical starting pay:

**\$31,023**

Average pay:

**\$55,593**



### 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**



## ASTRONOMER

Jobs projected in Texas by 2028:

**221**

Typical credentials:

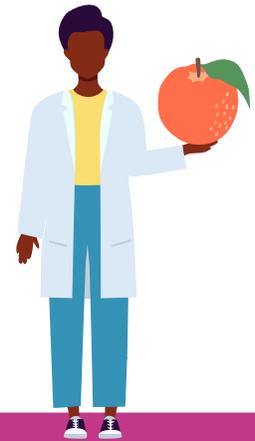
**Post-Doctoral Training**

Typical starting pay:

**\$61,290**

Average pay:

**\$110,345**



## 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](mailto: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).