Multidisciplinary Studies

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!

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

Can you imagine YOURSELF here?

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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.

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!

**COMPUTER PROGRAMMER**

Jobs projected in Texas by 2028:

- **22,008**

Typical credentials:

- **Bachelor’s Degree**

Typical starting pay:

- **$58,648**

Average pay:

- **$95,619**

**PSYCHOLOGIST**

Jobs projected in Texas by 2028:

- **1,178**

Typical credentials:

- **Doctoral Degree**

Typical starting pay:

- **$61,017**

Average pay:

- **$92,266**
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.
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 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.

- 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
- 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
The page includes a list of multidisciplinary studies occupations, including:

- 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 Technician
- 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
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.

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

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

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

LODGING MANAGER

Jobs projected in Texas by 2028:
5,382
Typical credentials:
Bachelor’s Degree
Typical starting pay:
$32,012
Average pay:
$54,749

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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. 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.

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**WEB DEVELOPER**

Jobs projected in Texas by 2028:

- **11,822**

Typical credentials:

- **Bachelor's Degree**

Typical starting pay:

- **$45,280**

Average pay:

- **$73,886**
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.

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.

SURVEYOR
Jobs projected in Texas by 2028:
5,324
Typical credentials:
Bachelor’s Degree
Typical starting pay:
$38,778
Average pay:
$66,267

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

CAN YOU IMAGINE YOURSELF HERE?
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MUNICIPAL CLERK
Jobs projected in Texas by 2028: 10,710
Typical credentials: High School Diploma
Typical starting pay: $27,034
Average pay: $37,896

DIETITIAN & NUTRITIONIST
Jobs projected in Texas by 2028: 6,138
Typical credentials: Bachelor's Degree
Typical starting pay: $37,948
Average pay: $57,033

ASTRONOMER
Jobs projected in Texas by 2028: 221
Typical credentials: Post-Doctoral Training
Typical starting pay: $61,290
Average pay: $110,345

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).