

**WELCOME TO
YOFE HIGH SCHOOL
CLASS OF 2028**



START WITH THE END IN MIND

Texas Reality Check

❖ Lifestyle Calculator

❖ Occupation Calculator



CAREER INTEREST INVENTORIES

Career One Stop

High School Pathway based on Interests



EXPLORING CAREER PATHWAYS

THREE STEPS TO EXPLORE CAREER PATHWAYS

Students can follow these three steps to help them identify their best-fit career pathways.

1

IDENTIFY INTERESTS

Have each student divide a page into four columns. Label the first two columns "Interests" and "Job Ideas." In the first column, the students should list interests, such as art or sports. Then in the second column, they should list jobs that are related to each interest.

If students draw a blank, have them think about people they've read about or met who have interesting jobs. Students can also use career quizzes that are available in their counselor or adviser's office and online resources like the Princeton Review Career Quiz.

2

THINK ABOUT HOW TO GET THERE

Have students label the third column "Requirements." Remind students that they are not planning their whole life right now but this activity will help them know what skills, classes, and degrees different jobs require.

Students might discover that they don't like the courses typically needed to complete a college major that aligns with one of the jobs on their list. Students can research education requirements for different jobs by using Major and Career Search.

3

TEST IT OUT

Have students label the last column "Things I Can Do Now" and list ways to experience what one of the jobs on their list is really like. Students can choose some of these ideas or come up with their own:

- Volunteer where they can meet someone who has one of the jobs they are interested in.
- Look for paid or unpaid internships.
- Accompany someone who works in the field to experience a day on the job.
- Conduct research at the library or on the Web.
- Find a mentor who can give them perspective and advice.
- Talk to family members and friends who work in those careers or know others who do.

Once students have a better feel for a career path, have them decide whether they still want to keep it on their list. Even if they decide to cross it off, they have gained valuable insight into what they might like to do.



UNIVERSITY READY (4 YEAR SCHOOL)

Have you considered:

- College for All Texans
- Which university offers the best job placement for your major?
- taking challenging high school courses
- taking dual credit (usually need TSI requirement(s) below)
- start resume NOW (list of activities and accomplishments)
- college athletes NAIA/NCAA
- researching financial aid and scholarships
- TSI Study-<https://practice.accuplacer.org/login>
- SAT Study=[Khan Academy](#)
- ACT Study=[Kaplan](#)

SAT

ELAR - 482-800

Math – 530-800

ACT

ELAR – 18

Math – 22

Reading – 22

Science – 23

ELA – 20

STEM – 26

TSI – Most Universities Require

ELAR

945-990 & Essay 5-8

or

Diagnostic Level 5-6
& Essay 5-8

Math

950-990

Or

Diagnostic Level 6



JUNIOR COLLEGE READY (4 YEAR SCHOOL)

Have you considered:

- College for All Texans
- Which university offers the best job placement for your major?
- taking challenging high school courses
- taking dual credit (usually need TSI requirement(s) below)
- start resume NOW (list of activities and accomplishments)
- college athletes NAIA/NCAA
- researching financial aid and scholarships
- TSI Study-<https://practice.accuplacer.org/login>

TSI – Most Require

ELAR
945-990 & Essay 5-8
or
Diagnostic Level 5-6
& Essay 5-8

Math
950-990
or
Diagnostic Level 6

College Bridge
English

College Bridge
Math

MILITARY

Which Branch You Prefer?

Army – www.goarmy.com

Navy – www.navy.com

Air Force – www.airforce.com

Coast Guard – www.uscg.mil

Marines – www.marines.com

National Guard – www.nationalguard.com

**** Ask you Counselor to talk to a recruiter****

Minimum ASVAB Score Required	
Air Force	31
Army	31
Coast Guard	40
Marine Corps	32
National Guard	31
Navy	35

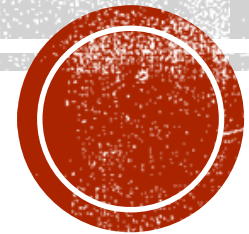


CERTIFICATIONS @ YHS

Endorsement	Public Service	Business & Industry	Public Service	Public Service	Public Service	Public Service
Pathway	Education	Culinary	Healthcare Therapeutic	Healthcare Therapeutic	Healthcare Therapeutic	Healthcare Therapeutic
Level 1 - certification	n/a	Fundamental Cook	n/a	n/a	n/a	n/a
Level 2 - certification	n/a	Pastry Chef	n/a	n/a	n/a	n/a
Level 3 - certification	n/a	Meat Selection	EKG Certification	EKG Certification	EKG Certification	EKG Certification
Level 4 - certification	Educational Aide I	Food Safety and Science	Patient Care Technician	Certified Nurse Aide	Pharmacy Technician	Clinical Medical Assistant
			<i>PCT</i>	<i>CNA</i>	<i>Pharm tech</i>	<i>CMA</i>
Endorsement	Business & Industry	Business & Industry	Business & Industry	Business & Industry	Business & Industry	Public Service
Pathway	Animal Science	Plant Science	Applied Ag. Engineering	Accounting	Business	Exercise Science
Level 1 - certification	n/a	n/a	n/a	Microsoft Office Excel	Microsoft Office Word	n/a
Level 2 - certification	Small Animal Sci & Tech	TSFA Knowledge Based	AWS Certified Welder	Quickbooks	Microsoft Office Excel	n/a
Level 3 - certification	Equine Management	Nursery Professional	Feedyard Technician	Volunteer Income Tax	Microsoft Office Master	n/a
Level 4 - certification	Veterinary Medicine	BASF Plant Science	Welding - Job Ready	n/a	n/a	Certified Personal Trainer
Endorsement	Public Service	STEM	Arts, Audio/Video	Regional Certification		
Pathway	Law Enforcement	Cybersecurity	Multimedia	Cosmetology		
Level 1 - certification	n/a	Cybersecurity Fundamentals	Adobe Digital Video	n/a		
Level 2 - certification	n/a	Microsoft 365 Fundamentals	Adobe Graphic Design	n/a		
Level 3 - certification	n/a	Oracle Certified	Adobe Print & Digital Media	n/a		
Level 4 - certification	Security Officer Level 1	I.T.S. Networking	Certified Prof. Photographer	Cosmetology License		



GRADUATION PLANS



State of Texas Graduation Toolkit

GRADUATION REQUIREMENTS FOR ALL

English (4 credits)	• English I	• English II	• English III	• An advanced English course
Mathematics (3 credits)	• Algebra I	• Geometry	• An advanced math course	
Science (3 credits)	• Biology	• Integrated Physics and Chemistry/Chemistry/Physics		• An advanced science course
Social Studies (3 credits)	• World History or World Geography		• U.S. History	
	• U.S. Government (one-half credit)		• Economics (one-half credit)	
Languages Other Than English (2 credits)	• 2 credits in the same language or • 2 credits from Computer programming, Languages, including Computer coding			
Physical Education (1 credit)	Fine Arts (1 credit)	Electives (5 credits)		

- **Total – 22 credits**
- **5 End of Course Assessments**
- **Proficiency in Speech Communication Skills (Covered in English 3 & 4)**
- **Instruction on Proper Interaction with Peace Officers (Senior Year)**
- **Instruction in Cardiopulmonary Resuscitation (CPR) (Senior Year)**
- **FAFSA Completion (Senior Year)**



REQUIREMENTS FOR DISTINGUISHED GRADUATION

- 4 English
- 4 Math (must include Algebra II)
- 4 Sciences
- 3 Social Studies
- 2 Spanish
- 1 Physical Education
- 1 Fine Art
- 7 Electives (must complete an Endorsement)

Total 26 credits



DISTINGUISHED — WHY IT MATTERS

Why it matters — Benefits

The distinguished level of achievement opens a world of educational and employment opportunities for you beyond high school. The distinguished level of achievement does the following:

- **Allows you to compete for Top 10% automatic admissions eligibility at almost any Texas public university;**
- **Makes you a more competitive applicant at selective colleges and universities;**
- **Prepares you for college-level coursework at community/technical colleges and universities;**
- **Lays a strong foundation for successful completion of an industry workforce credential or college degree.**



ENDORSEMENT

Targeted Area of Study

Much like a student would pick a major in college, an endorsement is the **targeted area of study for high school graduation.**



YHS HAS ALL FIVE ENDORSEMENTS

STEM

BUSINESS AND INDUSTRY

PUBLIC SERVICE

ARTS AND HUMANTIES

MULTIDISCIPLINARY STUDIES



EARN AN ASSOCIATES DEGREE @ YHS

	1st semester	Hrs.	2nd semester	Hrs.
9th grade	EUC 1300 Educational Prep./8wks	3	Spanish 1411	4
	Art Appreciation 1301/8wks	3		
10th grade	Spanish 1412	4	Public Speaking I	3
	Psychology	3	English 2351	3
11th grade	US History	3	US History	3
	Comp & Rhet I	3	Comp & Rhet II	3
	Geology 1345	3	Biology 1406	4
12th grade	American Government/8wks	3	Economics	3
	Texas Government/8wks	3	College Algebra	3
	English 2327/8wks	3	British Lit	3
	British Lit/8wks	3		



CTE ENDORSEMENT PROGRAMS

Business & Industry

- Animal Science
- Applied Agricultural Engineering
- Plant Science
- Business Management
- Culinary Arts
- Networking Systems
- Cosmetology

S.T.E.M.

- Cybersecurity

Public Service

- Exercise & Wellness
- Healthcare Wellness
- Law Enforcement
- Teaching & Training




ANIMAL SCIENCE


Agriculture, Food, and Natural Resources Career Cluster

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life: food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Animal Science

Statewide Program of Study





The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches CTE learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Secondary Courses for High School Credit

Level 1

- Principles of Agriculture, Food, and Natural Resources

Level 2

- Small Animal Management
- Equine Science

Level 3

- Livestock Production/Lab

Level 4

- Advanced Animal Science
- Veterinary Medical Applications/Lab
- Practicum in Agriculture, Food, and Natural Resources
- Project-Based Research
- Scientific Research and Design

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in Texas FFA 	<ul style="list-style-type: none"> • Compete in an Agri-Science Fair/4-H • Volunteer at a local farm or with a veterinarian • Participate in an FFA supervised agriculture experience

Industry-Based Certifications

- Agricultural Biotechnology
- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification
- Feedyard Technician in Cattle Care and Handling
- Licensed Veterinary Technician
- Production Agriculture - Job Ready
- Small Animal Science and Technology

Postsecondary Opportunities

Associate Degrees

- Food Science and Technology
- Veterinary Studies
- Biotechnology Laboratory Technician
- Biology Technician

Bachelor's Degrees

- Animal Sciences
- Agriculture
- Biology
- Zoology/ Animal Biology


Master's, Doctoral, and Professional Degrees

- Genetics
- Veterinary Medicine
- Biological and Physical Sciences
- Biological and Biomedical Sciences

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	\$30,139	28	9%
Animal Scientists	\$57,533	22	12%
Medical Scientists	\$63,898	435	27%
Veterinarians	\$88,496	294	24%
Zoologists and Wildlife Biologists	\$67,309	45	32%

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022





APPLIED AGRICULTURAL ENGINEERING (WELDING)

Agriculture, Food, and Natural Resources Career Cluster

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life, food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Applied Agricultural Engineering
Statewide Program of Study




The Applied Agricultural Engineering program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing agricultural products. This program of study may also include exploration into diagnosing, repairing, or overhauling farm machinery and vehicles, such as tractors, harvesters, dairy equipment, and irrigation systems.

Secondary Courses for High School Credit

Level 1

- Principles of Agriculture, Food, and Natural Resources

Level 2

- Agricultural Mechanics and Metal Technologies/Lab

Level 3

- Agricultural Structures Design and Fabrications/Lab
- Agricultural Power Systems/Lab
- Geographic Information Systems for Agriculture

Level 4

- Agricultural Equipment Design and Fabrication/Lab
- Practicum in Agriculture, Food, and Natural Resources
- Project Based Research
- Scientific Research and Design

Postsecondary Opportunities

Associates Degrees

- Heavy Equipment Maintenance Technology/ Technician
- Agricultural Mechanization, General
- Small Engine Mechanics and Repair Technology/ Technician
- Welding Technology/ Welder

Bachelor's Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

Master's, Doctoral, and Professional Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Tour a farm products or machinery plant • Participate in Texas FFA 	<ul style="list-style-type: none"> • Earn a welding certification • Intern at a farm products or machinery plant • Participate in an FFA supervised agriculture experience

Industry-Based Certifications

- Agricultural Mechanics
- API 1104 Welding Pipelines and Related Facilities AWS Certified Welder
- AWS Certified Welder
- AWS D1.1 Structural Steel
- AWS D9.1 Sheet Metal Welding
- AWS SENSE Level 1: Entry Welder
- Feedyard Technician in Machinery Operation, Repair and Maintenance
- Industrial Technology Maintenance (ITM) Maintenance Welding
- Machining Measurement, Material, and Safety Level I
- NCCER Welding Level I
- NCCER Care
- General Welding - Job Ready

*IBC sunseting 8/31/24

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Outdoor Power Equipment and Other Small Engine Mechanics	\$32,406	366	56%
Welders	\$41,350	6171	9%
Farm Equipment Mechanics and Service Technicians	\$39,915	304	17%
Mobile Heavy Equipment Mechanics	\$47,200	1627	36%
Agricultural Engineers	\$64,792	9	13%

Successful completion of the Applied Agricultural Engineering program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – October 2022



PLANT SCIENCE

Agriculture, Food, and Natural Resources Career Cluster

The Agriculture, Food, and Natural Resources (AFNR) Career Cluster focuses on the essential elements of life - food, water, land, and air. This career cluster includes a diverse spectrum of occupations, ranging from farmer, rancher, and veterinarian to geologist, land conservationist, and florist. It also includes non-traditional agricultural occupations like wind energy, solar energy, and oil and gas production.

Plant Science Statewide Program of Study



The Plant Science program of study focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.

Secondary Courses for High School Credit

- Level 1**
 - Principles of Agriculture, Food, and Natural Resources
- Level 2**
 - Landscape Design and Management
 - Turf Grass Management
 - Greenhouse Operation and Production/Lab
- Level 3**
 - Floral Design/Lab
 - Horticultural Science/Lab
 - Viticulture
- Level 4**
 - Practicum in Agriculture, Food, and Natural Resources
 - Advanced Plant and Soil Science
 - Advanced Floral Design
 - Project-Based Research
 - Scientific Research and Design

Postsecondary Opportunities

- Associate Degrees**
 - Applied Horticulture/ Horticulture Operations, General
 - Ornamental Horticulture
 - Agricultural Business and Management, General
 - Turf and Turfgrass Management
- Bachelor's Degrees**
 - Applied Horticulture/ Horticulture Operations, General
 - Agronomy and Crop Science
 - Agricultural Business and Management, General
 - Turf and Turfgrass Management
- Master's, Doctoral, and Professional Degrees**
 - Applied Horticulture/ Horticulture Operations, General
 - Agronomy and Crop Science
 - Agricultural Business and Management, General
 - Farm/Farm and Ranch Management

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Texas FFA 	<ul style="list-style-type: none"> Work at a florist or landscaper business Participate in an FFA supervised agriculture experience

Industry-Based Certifications

- Agricultural Biotechnology
- AAEP Plant Science Certification
- Commercial/Non-Commercial Pesticide Applicator
- Commercial/Noncommercial Pesticide Applicator "Vegetation Management" License
- Horticulture - Landscaping - Job Ready
- Landscape Irrigator
- Principles of Floral Design Certification
- Production Agriculture - Job Ready
- Texas Certified Landscape Associate (TCLA)
- Texas Certified Nursery Professional
- Texas State Florist's Association Knowledge Based Floral Certification
- Texas State Florist's Association Level I Floral Certification
- Texas State Florist's Association Level II Floral Certification



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Soil and Plant Scientists	\$54,602	116	21%
Tree Trimmer and Pruner	\$42,280	589	14%
Pesticide Handlers, Sprayers, and Applicators	\$38,758	198	22%
Landscape Supervisors	\$44,400	807	10%
Biological Technicians	\$42,953	452	17%

Successful completion of the Plant Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - August 2022



ACCOUNTING & FINANCIAL SERVICES

Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Accounting and Financial Services Statewide Program of Study



The Accounting and Financial Services program of study teaches CTE learners how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others. This program of study will also introduce students to mathematical modeling tools.

Secondary Courses for High School Credit

- Level 1**
 - Principles of Business, Marketing, and Finance
 - Money Matters
 - Business Information Management (Lab)
- Level 2**
 - Accounting I
 - Banking and Financial Services
 - Financial Mathematics
- Level 3**
 - Accounting II
 - Financial Analysis
 - Insurance Operations
- Level 4**
 - Securities and Investments
 - Practicum in Business Management
 - Practicum in Entrepreneurship
 - Career Preparation I

Postsecondary Opportunities

- Associates Degrees**
 - Real Estate
 - Financial, General
 - Financial Planning and Services
 - Certified Income Specialist
- Bachelor's Degrees**
 - Accounting
 - Financial, General
 - Financial Planning and Services
 - Certified Income Specialist
- Master's, Doctoral, and Professional Degrees**
 - Financial Accounting
 - Business Administration
 - Financial Planning

Work-Based Learning and Expanded Learning Opportunities

- | Exploration Activities | Work-Based Learning Activities |
|---|---|
| <ul style="list-style-type: none"> Participate in Business Professionals of America, Future Business Leaders of America, or DTCA | <ul style="list-style-type: none"> Intern with a local accounting firm Earn Microsoft Office certifications |

Industry-Based Certifications

- Accounting: Basic
- Accounting Foundations
- Certified Insurance Service Representative
- Institut Quickbooks Certified User
- MB 920: Microsoft Dynamics 365 Fundamentals Finance and Operations Apps
- Microsoft Office Specialist: Microsoft Access Expert (Access and Access 2019) / Microsoft Office Specialist: Microsoft Excel Expert (Excel and Excel 2019)
- Volunteer Income Tax Assistance/Tax Counseling Certification: Advanced
- Volunteer Income Tax Assistance/Tax Counseling Certification: Basic
- Volunteer Income Tax Assistance/Tax Counseling Certification: Volunteer for Elderly

*IBC sunset 8/31/24

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Accountants and Auditors	\$71,469	14,436	22%
Loan Officers	\$68,598	2,419	19%
Personal Financial Advisors	\$86,965	1,861	52%
Administrative Service Managers	\$96,138	2,277	21%
Insurance Underwriters	\$66,206	594	14%

Successful completion of the Accounting and Financial Services program of study will fulfill requirements of the Business and Industry endorsement. Revised - October 2022



BUSINESS MANAGEMENT

Business, Marketing, and Finance Career Cluster

The Business, Marketing, and Finance Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations.

Business Management
Statewide Program of Study

The Business Management program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods.

Secondary Courses for High School Credit

Level 1

- Principles of Business, Marketing, and Finance
- Business Information Management I/Lab

Level 2

- Business Law
- Virtual Business
- Business Information Management II/Lab

Level 3

- Business Management
- Global Business
- Human Resources Management

Level 4

- Statistics and Business Decision Making
- Practicum in Business Management
- Practicum in Entrepreneurship
- Career Preparation I

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Business Professional of America, Future Business Leaders of America, or DECA 	<ul style="list-style-type: none"> Intern with a local business or chamber of commerce

Industry-Based Certifications

- Administrative Assistant
- Certified Associate in Project Management (CAPM)
- Entrepreneurship and Small Business
- General Management
- MB 920 Microsoft Dynamics 365 Fundamentals: Finance and Operations Apps
- Microsoft Office Specialist 2016 Master
- Microsoft Office Specialist: Microsoft Access Expert (Access 2019)
- Microsoft Office Specialist: Microsoft Excel Expert (Excel 2019)
- Microsoft Office Specialist: Microsoft Word Expert (Word 2019)
- Project Management Institute (PMI) Project Management Ready
- Microsoft Office Specialist-Care!
- Microsoft Office Specialist-Word*

*IBC sunsetting 8/31/24

Postsecondary Opportunities

Associate Degrees

- Business Administration
- Business/Commerce
- Public Administration
- Business Management

Bachelor's Degrees

- Business Administration
- Business/Commerce
- Public Administration
- Management Science

Master's, Doctoral, and Professional Degrees

- Business Administration
- Business Management
- Public Administration
- Management Science

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Administrative Service Managers	\$96,138	2,277	21%
Management Analysts	\$87,651	4,706	32%
General and Operations Managers	\$107,640	18,679	20%
Supervisors of Administrative Support Works	\$57,616	14,982	20%

Successful completion of the Business Management program of study will fulfill requirements of the Business and industry endorsement. Revised – August 2022

TEA
Texas Education Agency



COSMETOLOGY



- Level 1** Principles of Cosmetology Design and Color Theory
Microbiology and Safety for Cosmetology Careers
- Level 2** Introduction to Cosmetology
Skincare, Enhancements and Spa Services
Business
- Level 3** Cosmetology I Lab
Subcenter 1
- Level 4** Cosmetology II Lab
Subcenter 1

HIGH SCHOOL/ COLLEGE CERTIFICATION	PROFESSIONAL/ LICENSURE	ASSOCIATION/ COURSES	NATIONAL/ STATE COURSES	MILITARY/ VOCATIONAL EDUCATIONAL COURSES
Cosmetology Operator License	Cosmetology License	Cosmetology (Cosmetology, Esthetic)		
Cosmetology Esthetician Specialty License	Cosmetology License	Advanced Esthetician and Skin Care Specialist		
Cosmetology Massage and Specialty License	Cosmetology License	Spa/Therapy Technician Management/ Manager		
Water Treatment Specialist License	Water Treatment Specialist License	Water Treatment Specialist and Plant Maintenance		

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupation	Median Wage	Annual Openings	% Growth
First-Line Supervisor of Retail Sales Workers	\$16,741	1,874	20%
Retail Sales	\$12,747	148	14%
Hairstylists, Skin Care Specialists, and Cosmetologists	\$12,187	4,709	41%
Manicurists and Pedicurists	\$11,715	418	40%
Skincare Specialists	\$10,740	148	41%
Salon Attendants	\$10,437	207	29%

WORK-BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Prerequisite Activities: Participation in a Career and Technical Student Organization such as TSA, or WETA USA	Work-Based Learning Activities: Job shadowing a cosmetologist. Work part-time at a beauty salon, spa, or hair salon.

The Cosmetology and Personal Care Services program of study introduces CTE learners to knowledge and skills related to providing beauty and personal care services. CTE concentrators may learn about or practice managing personal care facilities and coordinating or supervising personal service workers.

The Human Services Career Cluster focuses on preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care services, and consumer services.

Successful completion of the Cosmetology and Personal Care Services regional program of study will fulfill requirements of the Public Service Endorsement. See the regions approved to offer this program of study at <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/regional-programs-of-study>. Revised - July 2020.



CULINARY ARTS

Hospitality and Tourism Career Cluster

The Hospitality and Tourism Career Cluster focuses on the management, marketing, and operations of restaurants and other food/beverage services, lodging, attractions, recreation events, and travel-related services. Students acquire knowledge and skills focusing on communication, time management, and customer service that meet industry standards. Students will explore the history of the hospitality and tourism industry and examine characteristics needed for success.

Culinary Arts Statewide Program of Study



The Culinary Arts program of study introduces CTE learners to occupations and educational opportunities related to the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study also explores opportunities involved in directing and participating in the preparation and cooking of food.

Secondary Courses for High School Credit

Level 1

- Introduction to Culinary Arts
- Principles of Hospitality and Tourism

Level 2

- Culinary Arts
- Foundations of Restaurant Management

Level 3

- Advanced Culinary Arts

Level 4

- Food Science
- Practicum in Culinary Arts
- Practicum in Entrepreneurship
- Career Preparation I

Postsecondary Opportunities

Associates Degrees

- Hotel and Restaurant Management
- Restaurant Culinary and Catering Management
- Hospitality Administration/Management, General
- Culinary Arts/ Chef Training

Bachelor's Degrees

- Hotel and Restaurant Management
- Food Service Systems Administration/ Management
- Hospitality Administration/ Management, General
- Culinary Science and Food Service Management

Master's, Doctoral, and Professional Degrees

- Hotel and Restaurant Management
- Food Service Systems Administration/ Management
- Hospitality Administration/ Management, General
- Business Administration Management, General

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Food and Beverage Managers	\$55,619	1,561	28%
Chef and Head Cooks	\$43,285	1,366	25%
Food Science Technicians	\$34,382	236	11%

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry endorsement. Revised – October 2022



Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in Family, Career, and Community Leaders of America, SkillsUSA, American Culinary Federation, or the Texas Restaurant Association 	<ul style="list-style-type: none"> • Plan a catering event or work for a catering company • Participate in a cooking course • Work in a restaurant

Industry-Based Certifications

- Certified Fundamentals Cook
- Certified Fundamentals Pastry Cook
- Certified Hospitality & Tourism Management Professional
- Commercial Foods
- Culinary Meat Selection & Cookery Certification
- Food Protection Manager Certification
- Food Safety & Science Certification
- Managerial Professional
- Pre-Professional Certification in Culinary Arts
- Pre-Professional Certification in Food Science Fundamentals
- ServSafe Manager



CYBERSECURITY

Science, Technology, Engineering, and Mathematics Career Cluster

The Science, Technology, Engineering, and Mathematics (STEM) Career Cluster focuses on planning, managing, and providing scientific research and professional and technical services, including laboratory and testing services, and research and development services.

Cybersecurity

Statewide Program of Study



The Cybersecurity program of study includes the occupations and educational opportunities related to planning, implementing, upgrading, or monitoring security measure for the protection of computer networks and information. This program of study may also include exploration into responding to computer security breaches and virus and administering network security measures.

Secondary Courses for High School Credit

Level 1

- Principles of Information Technology
- Fundamentals of Computer Science
- Foundations of Cybersecurity

Level 2

- Internetworking Technologies I
- Computer Science I
- AP Computer Science Principles
- Computer Maintenance/Lab

Level 3

- Programming Applications of Computer Science Principles
- Networking/Lab
- Digital Forensics
- Internetworking Technologies II
- AP Computer Science A/Math
- AP Computer Science B/OTTE
- BC Computer Science Standard Level
- Discrete Mathematics for Computer Science

Level 4

- Cybersecurity Capstone
- Practicum in Information Technology
- Practicum in STEM
- Project-based Research
- Independent Study in Technology Applications
- Independent Study in Packaging/Printing Technology
- BC Computer Science Higher Level: Math
- BC Computer Science Higher Level: IOT

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Job TSA Job shadow a computer system analyst or information security analyst 	<ul style="list-style-type: none"> Obtain a cybersecurity BC

Industry-Based Certifications

- Cisco 300-400 (RTCC) Supporting Cisco Routing and Switching Network Devices
- Cisco 300-115 (ENSRP) Troubleshooting Cisco Cybersecurity Operations Fundamentals
- Cisco CCNA (200-301) Implementing and Administering Cisco Solutions
- Cisco® Cybersecurity Level 1 Certification
- CompTIA A+ Certification
- CompTIA Network+
- CompTIA Security+
- CompTIA® Networking Professional, Job Ready
- Cybersecurity Professional, Job Ready
- Cybersecurity Fundamentals: An ISACA Certificate
- Information Technology Specialist: Java
- Information Technology Specialist: JavaScript
- Information Technology Specialist: Networking
- Microsoft 365 Fundamentals
- Microsoft 365 Fundamentals
- Oracle Certified Associate: Java SE 8 Programmer

Postsecondary Opportunities

Associate Degrees

- System Networking and LAN/WAN Management
- Information Technology
- Computer and Information Science, General
- Computer Science

Bachelor's Degrees

- Computer Systems Networking and Telecommunications
- Computer Systems Networking and Telecommunications
- Computer and Information Sciences, General
- Computer Science

Master's, Doctoral, and Professional Degrees

- Computer Systems Analysis/Analyst
- Information Technology
- Computer Information Science, General
- Computer Science

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Information Security Analysts	\$91,915	834	29%
Network and Computer System Administrators	\$82,597	2,834	19%
Computer System Analysts	\$87,568	5,937	20%

Successful completion of the Cybersecurity program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised – October 2022




NETWORKING SYSTEMS

Information Technology Career Cluster

The Information Technology (IT) Career Cluster focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

Networking Systems Statewide Program of Study



The Networking Systems program of study explores the occupations and educational opportunities associated with designing and implementing computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. This program of study may also include exploration into analyzing science, engineering, and other data processing problems to implement and improve computer systems.

Secondary Courses for High School Credit

Level 1

- Principles of Information Technology

Level 2

- Computer Science I
- Internetworking Technologies I
- Computer Maintenance/Lab
- AP Computer Science Principles

Level 3

- Internetworking Technologies II
- Networking/Lab
- Advanced Cloud Computing

Level 4

- Practicum in Information Technology
- Practicum in Entrepreneurship
- Independent Study in Technology Applications
- Independent Study in Evolving/Emerging Technologies
- Project Based Research
- Career Preparation I

Postsecondary Opportunities

Associate Degrees

- Computer and Information Sciences, General
- Computer Systems Networking And Telecommunications
- Information Technology
- Network and System Administration/ Administrator

Bachelor's Degree

- Computer and Information Sciences, General
- Computer Systems Networking And Telecommunications
- Computer and Information Systems Security/ Information Assurance
- Computer Engineering, General

Master's, Doctoral, and Professional Degrees

- Computer and Information Sciences, General
- Information Technology
- Computer and Information Systems Security/ Information Assurance
- Computer Engineering, General

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities

- Join TSA
- Job shadow a computer network architect or support specialist

Work-Based Learning Activities

- Earn an IT certification

Industry-Based Certifications

- Cisco 300-490 RSTECH Supporting Cisco Routing and Switching Network Devices
- Cisco CCNA (200-301) Implementing and Administering Cisco Solutions
- CompTIA A+ Certification
- CompTIA Network+
- CompTIA Server+
- Computer Networking Fundamentals - Job Ready
- Google Cloud Certified Professional - Cloud Architect
- Information Technology Specialist: Networking
- Microsoft Azure Data Fundamentals
- Microsoft 365 Fundamentals
- Microsoft Security, Compliance, and Identity Fundamentals
- Associate of (ISC)*

*ISC sunseting 8/31/24



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Computer Network Architects	\$111,633	1,082	23%
Computer Systems Analysts	\$87,568	5,937	26%
Computer Network Support Specialists	\$68,097	1,624	19%

Successful completion of the Networking Systems program of study will fulfill requirements of the Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - August 2022




HEALTHCARE - NURSING

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Nursing Science

Statewide Program of Study



The Nursing Science program of study introduces students to the knowledge and skills related to patient care. CTE learners may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system design and make recommended modifications.

Secondary Courses for High School Credit

Level 1

- Principles of Health Science
- Principles of Nursing

Level 2

- Medical Terminology
- Science of Nursing

Level 3

- Medical Microbiology
- Anatomy and Physiology
- Clinical Ethics
- Leadership and Management in Nursing

Level 4


- Pathophysiology
- Pharmacology
- Practicum in Nursing

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Health Occupation Students of America 	<ul style="list-style-type: none"> Volunteer at a community wellness center, hospital, assisted living center, or nursing home

Industry-Based Certifications

- Certified Clinical Medical Assistant
- Certified Nurse Aide (CNA)
- Licensed Vocational Nurse
- Medical Assistant
- Patient Care Technician
- Phlebotomy Technician
- Registered Nurse



Postsecondary Opportunities

Associate Degree

- Registered Nursing/Registered Nurse

Bachelor's Degree

- Informatics Nurse Specialists


Master's, Doctoral, and Professional Degrees

- Nurse Practitioner
- Nursing Administration
- Nurse Anesthetist

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Licensed Vocational Nurse	\$45,176	7,546	21%
Registered Nurses	\$68,882	17,499	26%
Nurse Practitioners	\$107,827	977	56%
Nurse Anesthetists	\$154,856	157	23%

Successful completion of the Nursing Science program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised – March 2023







HEALTHCARE — PHARMACY TECHNICIAN

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Healthcare Therapeutic Statewide Program of Study

The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

Secondary Courses for High School Credit

Level 1

- Principles of Health Science
- Principles of Therapeutic Healthcare
- Introduction to Pharmacy Science
- Introduction to Dental Science

Level 2

- Medical Terminology
- Dental Anatomy and Physiology
- Pharmacy I

Level 3

- Anatomy and Physiology
- Health Science Theory/Health Science Clinical
- Medical Microbiology
- Pharmacy II
- Medical Assistant
- Dental Equipment and Procedures

Level 4

- Pathophysiology
- Pharmacology
- Practicum in Health Science

Work-Based Learning and Expanded Learning Opportunities


Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in SkillsUSA or Health Occupation Students of America 	<ul style="list-style-type: none"> Volunteer at a community wellness center, hospital, assisted living, or nursing home

Industry-Based Certifications

- Certified Clinical Medical Assistant
- Certified Dental Assistant
- Certified EKG Technician
- Emergency Medical Technician - Basic
- Certified Nurse Aide (CNA)
- Certified Occupational Therapy Assistant
- EKG Technician
- Medical Assistant
- Medical Laboratory Assistant
- Nationally Registered Certified EKG Technician
- Patient Care Technician
- Pharmacy Technician
- Radiology Technician
- Registered Dental Assistant X-Ray Certification

- Certified Ophthalmic Technician*
- Certified Surgical Technologist*
- Licensed Dental Hygienist*
- Orthopedic Technologist*

*BC sunseting 8/31/24



Postsecondary Opportunities

Associate's Degree

- Dental Hygienist
- Medical/Clinical Assistant

Scholar's Degree

- Dental Hygienist


Master's, Doctoral, and Professional Degrees

- Dental
- Physician Assistant
- Family and General Practitioners
- Pharmacist

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$36,566	8,862	30%
Surgical Technologists	\$45,032	1,150	20%
Dental Hygienists	\$73,507	1,353	38%
Physicians and Surgeons	\$213,071	1,151	30%

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of a Public




HEALTHCARE THERAPEUTICS — PATIENT CARE TECHNICIAN

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Healthcare Therapeutic Statewide Program of Study

The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated with providing treatment and counsel to patients as well as rehabilitative programs that help build or restore daily living skills to persons with disabilities or developmental delays.

Secondary Courses for High School Credit

Level 1

- Principles of Health Science
- Principles of Therapeutic Healthcare
- Introduction to Nursing Science
- Introduction to Dental Science

Level 2

- Medical Terminology
- Dental Anatomy and Physiology
- Pharmacy I

Level 3

- Anatomy and Physiology
- Health-Science Theory/Health Science Clinical
- Medical Microbiology
- Pharmacy II
- Medical Assistant
- Dental Equipment and Procedures

Level 4

- Pathophysiology
- Pharmacology
- Practicum in Health Science

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in SkillsUSA or Health Occupation Students of America 	<ul style="list-style-type: none"> Volunteer at a community wellness center, hospital, assisted living, or nursing home

Industry-Based Certifications

- Certified Clinical Medical Assistant
- Certified Dental Assistant
- Certified EKG Technician
- Emergency Medical Technician - Basic
- Certified Nurse Aide (CNA)
- Certified Occupational Therapy Assistant
- ACEC Technician
- Medical Assistant
- Medical Laboratory Assistant
- Nationally Registered Certified PRS Technician
- Patient Care Technician
- Pharmacy Technician
- Phlebotomy Technician
- Registered Dental Assistant 6-Ray Certification

- Certified Ophthalmic Technician*
- Certified Surgical Technologist**
- Unaccredited Dental Hygienist**
- Orthopedic Technologist**

*ABC certification 8/11/24

Postsecondary Opportunities

Associate's Degree

- Dental Hygienist
- Medical/Clinical Assistant

Bachelor's Degree

- Dental Hygienist

Master's, Doctoral, and Professional Degrees

- Dentist
- Physician Assistant
- Family and General Practitioner
- Pharmacist

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$29,986	6,982	92%
Surgical Technologists	\$45,652	1,330	26%
Dental Hygienists	\$73,507	1,353	36%
Physicians and Surgeons	\$249,071	1,154	30%

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised – March 2019



EXERCISE SCIENCE & WELLNESS

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Exercise Science and Wellness Statewide Program of Study



The Exercise Science and Wellness program of study introduces CTE learners to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help patients recover from injury, illness, or disease.

Secondary Courses for High School Credit

- Level 1**
- Principles of Exercise Science and Wellness
- Level 2**
- Lifelong Nutrition and Wellness
 - Kinesiology I
- Level 3**
- Anatomy and Physiology
 - Kinesiology II
- Level 4**
- Practicum in Entrepreneurship
 - Project Based Research
 - Career Preparation I

Postsecondary Opportunities

- Associate Degrees**
- Physical Therapist Assistant
 - Physical Therapy Aide
 - Dietetic Technician
- Bachelor's Degrees**
- Kinesiology and Exercise Science
 - Therapeutic Recreation/Recreation Therapy
 - Athletic Training/Trainer
- Master's, Doctoral, and Professional Degrees**
- Exercise Physiology
 - Therapeutic Recreation/Recreation Therapy
 - Athletic Training/Trainer
 - Physical Therapist

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Athletic Trainers	\$53,450	215	22%
Exercise Physiologists	\$41,882	88	88%
Crossfitters and Spinners	\$40,030	2,338	26%
Dietitians and Nutritionists	\$57,782	428	24%
Recreational Therapists	\$45,905	74	24%

Successful completion of the Exercise Science program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022



Work-Based Learning and Expanded-Learning Opportunities

- | Exploration Activities | Work-Based Learning Activities |
|---|---|
| <ul style="list-style-type: none"> Participate in health Olympians Students of America | <ul style="list-style-type: none"> Volunteer at a hospital or rehabilitation center Manage a school sports team |

Industry-Based Certifications

- Certified Personal Trainer
- Pre-Professional Certification in Nutrition, Food, and Wellness



LAW ENFORCEMENT

Law and Public Service Career Cluster

The Law and Public Service Career Cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency services.

Law Enforcement

Statewide Program of Study




The Law Enforcement program of study teaches CTE learners about the development of, adherence to, and protection of various branches of law. Students will learn how to appropriately and legally respond to breaches in the law according to statutory rules and regulations as well as investigate how and why the breaches occurred.

Secondary Courses for High School Credit

Level 1

- Principles of Law, Public Safety, Corrections, and Security

Level 2

- Law Enforcement I
- Federal Law Enforcement and Protective Services
- Criminal Investigation

Level 3

- Law Enforcement II
- Correctional Services
- Forensic Psychology
- Counseling and Mental Health

Level 4

- Forensic Science
- Practices in Law, Public Safety, Corrections, and Security

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Join the Texas Public Service Association or local criminal justice club. 	<ul style="list-style-type: none"> Attend court hearings and other legal procedures.

Industry-Based Certifications

- Non-Commissioned Security Officer Level I license
- IACD Emergency Telecommunicator

Postsecondary Opportunities

Associate Degrees

- Criminal Justice/Safety Studies/Law Enforcement Administration
- Criminal Justice/Police Science
- Corrections
- Criminology and Criminal Science

Bachelor's Degrees

- Criminal Justice/Safety Studies/Law Enforcement Administration
- Criminal Justice/Police Science
- Juvenile Corrections
- Cyber/Computer Forensics and Counterterrorism

Master's, Doctoral, and Professional Degrees

- Criminal Justice/Safety Studies/Law Enforcement Administration
- Natural Resources
- Law Enforcement and Protective Services

Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Police and Sheriff's Patrol Officers	\$60,112	5,241	13%
Probation Officers and Correctional Treatment Officers	\$44,054	793	0%
Correctional Officers and Jailers	\$40,690	4,083	0%
Immigration and Customs Inspectors	\$78,506	1,246	0%
First-Line Supervisors of Police and Detectives	\$91,817	291	25%

Successful completion of the Law and Public Service program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022





EDUCATION AND TRAINING

Education and Training Career Cluster

The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.

Teaching and Training Statewide Program of Study



The Teaching and Training program of study prepares CTE learners for careers related to teaching, instruction, and creation of instructional and enrichment materials. The program of study introduces CTE learners to a wide variety of student groups and their corresponding needs. It familiarizes them with the processes for developing curriculum, coordinating educational content, and coaching groups and individuals.

Secondary Courses for High School Credit

Level 1

- Principles of Education and Training
- Principles of Human Service

Level 2

- Human Growth and Development
- Child Development
- Communication and Technology in Education

Level 3

- Instructional Practices
- Teaching Strategies for Special Populations (TBO)

Level 4

- Practicum in Education and Training
- Project Based Research
- Career Preparation I

Postsecondary Opportunities

Associate Degree

- Teacher Education
- Education, General (or specific subject area)
- Special Education
- Health and Physical Education/Fitness

Bachelor's Degree

- Bilingual and Multilingual Education
- Education, General (or specific subject area)
- Special Education
- Health and Physical Education/Fitness

Master's, Doctoral, and Professional Degree

- Instruction and Learning
- Educational Leadership and Administration, General
- Special Education
- Social and Philosophical Foundations of Education

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities

- Participate in the Texas Association of Future Educators or Family, Career, and Community Leaders of America

Work-Based Learning Activities

- Teach a community education class
- Intern as a teaching assistant or tutor
- Serve as a camp counselor

Industry-Based Certifications

- Educational Aide I



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Adult, Basic and Secondary Education and Literacy Teachers and Instructors	\$48,009	802	17%
Middle School Teachers, except Special and Career/Technical Education	\$34,910	6,807	26%
Career and Technical Education Teachers, Secondary School	\$55,300	719	9%
Special Education Teachers, Secondary School	\$36,720	980	20%

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022



PERFORMANCE ACKNOWLEDGMENTS @ YHS

Dual Credit

- ✓ 12 hours of academic courses with 80 average or better

PSAT/NMSQT, SAT, or ACT

- ✓ PSAT/NMSQT score recognized by College Board and NMS Corporation
- ✓ Combined critical reading and math score of at least 1250 on SAT
- ✓ Composite Score of at least 28 on ACT (excluding writing subscore)

Advance Placement Exams

- ✓ AP Calculus

Nationally Recognized Business/Industry Certifications/License

- ✓ See slide 8



SCHEDULING IS AFFECTED BY:

- Graduation requirements
- ARD/IEP decisions
- Seniority
- Course prerequisites
- Course availability
- End of Course exam scores
- Teacher Recommendations/Approval



NEXT STEPS...

- Complete Google Form – shared with students tonight (Check school email)
- Meet with counselor at Individual Graduation Plan meeting (invitations mailed home last week)
- Keep working hard on school work & STAAR exams
- If planning on dual credit courses – Plan to take TSI when offered at school
- Ask questions!! Email high school counselors with any questions



CONTACT INFORMATION

YHS COUNSELORS

Last Name A-M

Mrs. Choya Vaculin

cvaculin@cameronisd.net

Last Name N-Z

Mrs. Elena Queen

equeen@cameronisd.net

