

GREENFIELD HIGH SCHOOL



CAREER PATHWAYS GUIDE 2024 - 2025

CAREER PATHWAY GUIDE

Career clusters identify pathways from secondary school to two-and four-year colleges, graduate school, and the workplace, so students can learn in school and what they can do in the future. This connection to future goals motivates students to work harder and enroll in more courses that are rigorous. School Counselors use career clusters to help students explore options for the future.

Review the Career Clusters to help you choose a career pathway of interest and then review the suggested courses in that pathway to help inform your course selection. Remember the expectation is that every GHS student takes at least one college level course in their career pathway before they graduate. Our goal is that every GHS student is college ready by graduation. Engaging in our most rigorous courses will help to prepare you to reach this goal.

Career interest inventories and further career exploration and planning can be found at www.xello.world each student has their own username and password.

Student usernames are: *GFIELD-graduation year1st initial last name*

Student passwords are: *Gsd-student lunch number*

Please see Student Services with questions.

GRADUATION REQUIREMENTS

Traditionally, students will attend high school for four years in grades 9-12 (8 semesters) successfully completing meet requirements as identified by their Individual Education Plan (IEP). Each student is to carry at least all the established requirements. Special Education students must 6 credits each year with a minimum of 6 classes per semester and must complete 8 semesters of full attendance, unless released under School Board Policy 5464/Early Graduation. Information is available in the Student Services Department. **Early Graduation requests must be made no later than the last day before spring break of a student's junior year.**

It is the policy of the School District of Greenfield, Wisconsin that the following are the requirements for graduation from Greenfield High School:

ENGLISH	4 credits
English 9	1 credit
English 10	1 credit
English 11	1 credit
English 12	1 credit
MATHEMATICS	3 credits
Algebra	1 credit
Geometry	1 credit
Algebra 2 or Math elective	1 credit
PHYSICAL EDUCATION	1.5 credits
P.E. 9	.5 credit
P.E. Sophomore, Junior or Senior Elective	1 credit
SCIENCE	3 credits
Biology	1 credit
Chemistry	1 credit
Junior Science Elective	1 credit
SOCIAL STUDIES	3.5 credits
World/Global" Choice	.5 or 1 credit
U.S. History	1 credit
U.S. History 45 (class of 2025, 2026)	.5 credit
Economics (class of 2025, 2026, 2027)	.5 credit
Civics (class of 2027 and beyond)	.5 credit
Personal Finance (class of 2028 and beyond)	.5 credit
Social Studies Elective	.5 or 1 credit
OTHER REQUIRED	
Health	.5 credit
Electives	7.5 credits

In alignment with Policy 5460 – Graduation Requirements: Each student must meet the above **23 credit graduation requirements** prior to participation in Greenfield High School's Graduation Ceremony.

Four Year Plan

Grade 9	Grade 10	Grade 11	Grade 12
English 9 (1.0)	English 10 (1.0)	English (1.0)	English (1.0)
Math (1.0)	Math (1.0)	Math (1.0)	
Biology (1.0)	Chemistry (1.0)	Science (1.0)	
Social Studies (0.5-1.0) (World)	Social Studies (1.0) (US)	Social Studies (1.0) (Econ/US 45 or Personal Finance/Civics 2028)	Social Studies (0.5-1.0)
Health (0.5)			
PE 9 (0.5)	PE 10 (0.5)	PE (0.5)	
Elective	Elective	Elective	
Elective	Elective	Elective	
Elective	Elective	Elective	
Elective	Elective	Elective	

Total Credits per year:

6.0-7.0 credits

6.0-7.0 credits

6.0-7.0 credits

5.5 -7.0 credits

AGRICULTURE, FOOD, AND NATURAL RESOURCES

The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood, products, natural resources, horticulture, and other plant and animal products/resources

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

BIOLOGY	AP STATISTICS
SCIENCE AND SOCIETY	AP CALCULUS
PHYSICS	GEOMETRY
EARTH AND THE SOLAR SYSTEM	TRIGONOMETRY
STATISTICS & PROBABILITY/AP	AP BIOLOGY
AP ENVIRONMENTAL SCIENCE	AP PHYSICS 1 AND 2

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

CULINARY 1, 2
REGIONAL & GLOBAL
BAKING & PASTRY
LEADERSHIP
PRINCIPLES OF ENGINEERING
PRINCIPLES OF BIOMEDICAL SCIENCES
MEDICAL INTERVENTIONS
HEALTH LITERACY
HEALTH INFLUENCES
YOUTH APPRENTICESHIP

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Dietician/Nutritionist
- ◆ Wildlife Management
- ◆ Bioengineer
- ◆ Food Scientist
- ◆ Food & Drug Inspector
- ◆ Meat Processor
- ◆ Forestry

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Science National Honor Society
- ◆ Math Club



ARCHITECTURE & CONSTRUCTION

Careers in Designing, planning, managing, building, and maintaining the built environment.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

ALGEBRA 1, 2
GEOMETRY
AP PRE-CALCULUS

AP CALCULUS
ACCOUNTING 1, 2
STATISTICS AND PROBABILITY
AP STATISTICS

TRIGONOMETRY
PHYSICS

AP PHYSICS 1 AND 2
AP ENVIRONMENTAL
AP US HISTORY
LEADERSHIP
YOUTH APPRENTICESHIP

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

FURNITURE MAKING
CRAFTSMANSHIP
MARKETING & PROMOTION
INTRODUCTION TO BUSINESS
WEB PAGE CREATION
2-D ART 1, 2, 3, 4
3-D ART 1, 2, 3, 4
INTERIOR DESIGN 1, 2

INTRO TO ENGINEERING & DESIGN
PRINCIPLES OF ENGINEERING
INTRO TO THE TRADES
HEALTH INFLUENCES
HEALTH LITERACY
WELDING
PHOTOGRAPHY 1, 2, 3, 4
APPLIED TECHNOLOGY

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Engineer
- ◆ Building Inspector
- ◆ Urban Planner
- ◆ Construction
- ◆ Remodeling
- ◆ A/C, HVAC
- ◆ Carpentry
- ◆ Electrician
- ◆ Brick Laying & Masonry

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Math Club
- ◆ Robotics Club



ARTS, A/V TECHNOLOGY & COMMUNICATION

Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

AP ENGLISH LANGUAGE AND COMPOSITION
 AP ENGLISH LITERATURE AND COMPOSITION
 LEADERSHIP
 YEARBOOK 1, 2
 AP PSYCHOLOGY

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

2-D ART 1, 2, 3, 4, 5, 6, AP	CREATIVE WRITING
3-D ART 1, 2, 3, 4, 5, 6	SPEECH
COMPUTER GRAPHICS 1, 2, 3, 4	GUITAR
PHOTOGRAPHY 1, 2, 3, 4 AP	PIANO 1, 2
WEB PAGE CREATION	MUSIC THEORY
INTERIOR DESIGN 1, 2	MIXED CHOIR
FASHION DESIGN	CONCERT CHOIR
INTRO TO ENGINEERING DESIGN	A CAPPELLA
THEATRE 1, 2	SYMPHONIC BAND
TECHNICAL THEATRE	WIND ENSEMBLE
DIGITAL MEDIA PRODUCTION	CONCERT BAND

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Artist
- ◆ Writer/Journalist
- ◆ Designer
- ◆ Music/Art Teacher
- ◆ Disc Jockey
- ◆ Photographer
- ◆ Dancer
- ◆ Composer
- ◆ Associate Producer

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ National Art Honor Society
- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Forensics
- ◆ Drama Club



BUSINESS, MANAGEMENT, & ADMINISTRATION

Business Management and Administration careers encompass planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Business Management & Administration career opportunities are available in every sector of the economy

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

SPANISH 1, 2, 3, 4
 GERMAN 1, 2, 3, 4, 5
 AP PRE-CALCULUS
 AP CALCULUS
 AP STATISTICS
 AP PSYCHOLOGY
 AP ECONOMICS
 AP SPANISH
 AP COMPUTER SCIENCE
 LEADERSHIP

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

ACCOUNTING 1, 2	COMPUTER GRAPHICS 1, 2, 3, 4
ENTREPREURSHIP	COMPUTER PROGRAMMING 1, 2
MARKETING AND PROMOTION	WEB PAGE CREATION
INTRODUCTION TO BUSINESS	SPEECH
PERSONAL FINANCE	HEALTH LITERACY
BUSINESS COMPUTER APPLICATIONS	
DIGITAL MEDIA PRODUCTION	

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Accountant (CPA)
- ◆ HR Manager
- ◆ Insurance Agent
- ◆ Real Estate Broker
- ◆ Tax Preparer
- ◆ Administrative Assistant
- ◆ Business Teacher
- ◆ Systems Analyst
- ◆ Bank Officer

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ FBLA
- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Global Scholars



EDUCATION & TRAINING

Planning, managing, and providing education and training services, and related learning support services.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

SPANISH 1, 2, 3, 4
 GERMAN 1, 2, 3, 4, 5
 LEADERSHIP
 AP SPANISH
 AP COURSES RELATED TO CONTENT INTEREST

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

PARENTING AND CHILD CARE
 ASSISTANT CHILD CARE WORKER
 SPEECH
 SOCIOLOGY
 PSYCHOLOGY
 WORLD AFFAIRS
 MARKETING & PROMOTION
 PERSONAL FINANCE
 DIGITAL COMMUNICATION

HEALTH LITERACY
 HEALTH INFLUENCES
 2-D ART 1, 2, 3, 4, 5, 6
 3-D ART 1, 2, 3, 4, 5, 6
 COMPUTER GRAPHICS 1, 2, 3, 4
 PHOTOGRAPHY 1, 2, 3, 4, AP
 WEB PAGE CREATION
 BUSINESS COMPUTER APP.

Post-Secondary Schools that have programs related to this career pathway



POSSIBLE CAREER OPTIONS

- ◆ Teacher
- ◆ College Professor
- ◆ Childcare Worker
- ◆ Financial Aid Advisor
- ◆ School Administrator
- ◆ Instructional Assistant
- ◆ Barbering/Cosmetology Specialist

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ Link Crew
- ◆ Hope Squad
- ◆ National Honor Society
- ◆ SkillsUSA



FINANCE

Planning, services for financial and investment planning, banking, insurance, and business financial management.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

GERMAN 1, 2, 3, 4, 5, 6

SPANISH 1, 2, 3, 4, 5, 6

AP SPANISH

ALGEBRA 1, 2

GEOMETRY

TRIGONOMETRY

STATISTICS

AP STATISTICS

AP PRE-CALCULUS

PRE-CALCULUS

AP CALCULUS

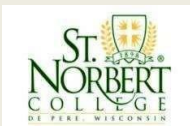
AP ECONOMICS

LEADERSHIP

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

ACCOUNTING 1, 2
INTRODUCTION TO BUSINESS
MARKETING & PROMOTION
PERSONAL FINANCE
WEB PAGE CREATION
COMPUTER PROGRAMMING
BUSINESS COMPUTER APP
DIGITAL MEDIA PRODUCTION

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Accountant
- ◆ Financial Manager
- ◆ Loan Officer
- ◆ Insurance Underwriter
- ◆ Actuaries
- ◆ Real Estate Agent
- ◆ Retail Management
- ◆ Administrative Assistant

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

SCHOOL CLUBS & ORGANIZATIONS

- ◆ DECA
- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Math Club
- ◆ Global Scholars Program



GOVERNMENT & PUBLIC ADMINISTRATION

Executing governmental functions to include Governance, National Security, Foreign Service, Planning, Revenue and Taxation, Regulation, and Management and Administration at the local, state, and federal levels.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

SPANISH 1, 2, 3, 4

AP SPANISH

GERMAN 1, 2, 3, 4, 5

CHEMISTRY

AP CHEMISTRY

PHYSICS

AP PHYSICS 1

AP PHYSICS 2

AP STATISTICS

AP HUMAN GEOGRAPHY

AP PSYCHOLOGY

AP ECONOMICS

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

AMERICAN GOVERNMENT

ECONOMICS

INTRO TO BUSINESS

MARKETING & PROMOTION

PERSONAL FINANCE

ACCOUNTING 1, 2

WEB PAGE CREATION

SPEECH

LEADERSHIP

SOCIOLOGY

PSYCHOLOGY

WORLD AFFAIRS

HEALTH INFLUENCES

HEALTH LITERACY

Post-Secondary Schools that have programs related to this career pathway:

UNIVERSITY of WISCONSIN
LA CROSSE

UNIVERSITY of WISCONSIN
Stevens Point

UNIVERSITY of WISCONSIN
WHITEWATER

UNIVERSITY of WISCONSIN
OSHKOSH

UNIVERSITY of WISCONSIN
GREEN BAY

CONCORDIA
UNIVERSITY
WISCONSIN

UWM
UNIVERSITY of WISCONSIN
MILWAUKEE

WISCONSIN
UNIVERSITY of WISCONSIN-MADISON

College of Menominee
Nation
KESHENA - GREEN BAY

MARQUETTE
UNIVERSITY



POSSIBLE CAREER OPTIONS

- ◆ Paralegal
- ◆ Human Resources
- ◆ Law Enforcement
- ◆ Lawyer
- ◆ Forensics
- ◆ Federal Bureau Investigator
- ◆ Bilingual Office Assistant

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ Student Senate
- ◆ Forensics
- ◆ National Honor Society
- ◆ Global Scholars Program



HEALTH SCIENCE

Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

STATISTICS AND PROBABILITY/AP
 TRIGONOMETRY
 AP PRE-CALCULUS
 AP CALCULUS
 LEADERSHIP
 PHYSICAL EDUCATION
 SPANISH 1, 2, 3, 4
 AP SPANISH
 GERMAN 1, 2, 3, 4, 5

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

BIOLOGY	PSYCHOLOGY
CHEMISTRY	AP PSYCHOLOGY
HUMAN ANATOMY & PHYSIOLOGY	SOCIOLOGY
MEDICAL TERMINOLOGY	HEALTH LITERACY
PHYSICS	HEALTH INFLUENCES
PARENTING & CHILDCARE	AP BIOLOGY
ASSISTANT CHILDCARE TEACHER	PRINCIPLES OF BIOMEDICAL SCIENCES
SPEECH	MEDICAL INTERVENTIONS
	CNA

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Athletic Trainer
- ◆ Chiropractor
- ◆ Dietician
- ◆ Dentist
- ◆ Pharmacist
- ◆ Physician
- ◆ EMT
- ◆ Nursing
- ◆ Veterinarian Assistant

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ Hope Squad
- ◆ Link Crew
- ◆ Psychology Club
- ◆ National Honor Society
- ◆ Science National Honor Society



HOSPITALITY & TOURISM

Hospitality and Tourism encompasses the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreation events, and travel related services.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

ACCOUNTING 1, 2
 PHYSICAL EDUCATION
 GERMAN 1, 2, 3, 4, 5, 6
 SPANISH 1, 2, 3, 4
 AP SPANISH
 AP HUMAN GEOGRAPHY
 AP ECONOMICS
 AP STATISTICS

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

CULINARY 1, 2,
 REGIONAL & GLOBAL
 BAKING AND PASTRY
 INTERIOR DESIGN 1, 2
 SPEECH
 YEARBOOK 1, 2
 LEADERSHIP

INTRO TO BUSINESS
 MARKETING & PROMOTION
 PERSONAL FINANCE
 BUSINESS COMPUTER APP
 ENTREPRENEURSHIP
 DIGITAL MEDIA PRODUCTION
 WEB PAGE CREATION

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Marketing Manager
- ◆ Recreation Director
- ◆ Chef
- ◆ Hotel/Restaurant Manager
- ◆ Casino Management
- ◆ Executives
- ◆ Travel Agent

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Culture Club
- ◆ Link Crew



HUMAN SERVICES

Preparing individuals for employment in career pathways that relate to families and human needs.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

PSYCHOLOGY	AP EUROPEAN HISTORY
SOCIOLOGY	AP HUMAN GEOGRAPHY
AP PSYCHOLOGY	BIOLOGY
GERMAN 1, 2, 3, 4, 5	AP BIOLOGY
SPANISH 1, 2, 3, 4	STATISTICS AND PROBABILITY
AP SPANISH	AP STATISTICS
AMERICAN GOVERNMENT	WORLD AFFAIRS

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

CNA
 SPEECH
 WEB PAGE CREATION
 PARENTING AND CHILDCARE
 ASSISTANT CHILDCARE TEACHER
 HEALTH LITERACY
 HEALTH INFLUENCES
 LEADERSHIP

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ School Counselor
- ◆ FBI Agent
- ◆ Lawyer
- ◆ Psychologist
- ◆ Social Worker
- ◆ Funeral Director
- ◆ Flight Attendant
- ◆ Police Officer/Firefighter
- ◆ Caterer

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ Hope Squad
- ◆ Psychology Club
- ◆ National Honor Society
- ◆ Gay Straight Alliance
- ◆ Link Crew



INFORMATION TECHNOLOGY

Building Linkages in IT Occupations Framework: For entry level. Technical, and Professional Careers related to its design, development, support and management of hardware, software, multimedia, and systems integration services.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

GERMAN 1, 2, 3, 4, 5

SPANISH 1, 2, 3, 4

AP SPANISH

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

INTRO TO BUSINESS

MARKETING & PROMOTION

ENTREPREURNESHIP

INTRO TO ENGINEERING DESIGN

PRINCIPLES OF ENGINEERING

COMPUTER GRAPHICS 1, 2, 3, 4

COMPUTER PROGRAMMING 1, 2

AP COMPUTER SCIENCE

WEBPAGE CREATION

ACCOUNTING 1, 2

PERSONAL FINANCE

SPEECH

CREATIVE WRITING

LEADERSHIP

YOUTH APPRENTICESHIP

BUSINESS COMPUTER APP

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Computer Science
- ◆ Digital Arts/Animation
- ◆ Imaging Media
- ◆ Game Design
- ◆ Computer Programmer
- ◆ Computer Service Tech
- ◆ Engineer
- ◆ Network Designer

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Robotics



LAW, PUBLIC SAFETY, CORRECTIONS, & SECURITY

Planning, managing, and providing legal, public safety, protective services, and homeland security; include professional and technical support services.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

AMERICAN GOVERNMENT
 WORLD AFFAIRS
 SPANISH 1, 2, 3, 4
 GERMAN 1, 2, 3, 4, 5
 AP EUROPEAN HISTORY
 AP BIOLOGY
 AP PHYSICS 1, 2
 AP CHEMISTRY
 AP SPANISH

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

PSYCHOLOGY	HEALTH INFLUENCES
AP PSYCHOLOGY	LEADERSHIP
SOCIOLOGY	MEDICAL TERMINOLOGY
SPEECH	HUMAN ANATOMY AND PHYSIOLOGY
HEALTH LITERACY	PRINCIPLES OF BIOMEDICAL SCIENCES
BUSINESS COMP	MEDICAL INTERVENTION
	AEROSPACE SCIENCE 1,2,3,4

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Lawyer
- ◆ Courtroom Judge
- ◆ Forensic Scientist
- ◆ Judicial Reporter
- ◆ Military
- ◆ Police Officer
- ◆ Firefighter/EMT
- ◆ Federal Bureau Investigator

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ Hope Squad
- ◆ Link Crew
- ◆ Psychology Club
- ◆ SkillsUSA
- ◆ National Honor Society



MANUFACTURING

Planning, managing, and performing the processing of materials into intermediate or final products. Related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

CHEMISTRY	STATISTICS & PROBABILITY
AP CHEMISTRY	AP STATISTICS
PHYSICS	COMPUTER PROGRAMMING 1, 2
AP PHYSICS 1, 2	AP COMPUTER SCIENCE
ALGEBRA 1, 2	AP PRECALCULUS
GEOMETRY	AP CALCULUS
TRIGONOMETRY	

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

WELDING
CRAFTSMANSHIP
INTRODUCTION TO THE TRADES
APPLIED TECHNOLOGY
FURNITURE MAKING
INTRO TO ENGINEERING & DESIGN
PRINCIPLES OF ENGINEERING
YOUTH APPRENTICESHIP

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Mechanical Engineer
- ◆ Chemical Engineer
- ◆ Welder
- ◆ Tool & Die
- ◆ Industrial Engineer
- ◆ Human Resources
- ◆ Industrial Mechanic
- ◆ Appliance Technician
- ◆ Jewelry Fabrication

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
- ◆ Robotics
- ◆ National Honor Society



MARKETING, SALES, & SERVICE

Planning, managing, and performing marketing activities to reach organizational objectives.

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

BUSINESS RELATED COURSES

GERMAN 1, 2, 3, 4, 5
 SPANISH 1, 2, 3, 4
 AP SPANISH
 AP PSYCHOLOGY
 AP ECONOMICS
 AP STATISTICS

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

INTRODUCTION TO BUSINESS	SPEECH
PERSONAL FINANCE	PSYCHOLOGY
MARKETING & PROMOTION	SOCIOLOGY
ENTREPRENEURSHIP	CLOTHING CONSTRUCTION
BUSINESS COMPUTER APPLICATIONS	FASHION DESIGN
WEBPAGE DESIGN	INTERIOR DESIGN 1, 2
LEADERSHIP	
DIGITAL MEDIA PRODUCTION	

Post-Secondary Schools that have programs related to this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Marketing Director
- ◆ Fashion Design
- ◆ Athletic/Sports Agent
- ◆ Retail Management
- ◆ Real Estate
- ◆ Fashion Marketing
- ◆ Interior Design
- ◆ Buyer/Purchaser

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ FBLA
- ◆ Forensics
- ◆ SkillsUSA
- ◆ National Honor Society
- ◆ Homecoming Committee



SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS

Planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, research, and developmental services

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

STATISTICS AND PROBABILITY
AP STATISTICS
AP COMPUTER SCIENCE
GERMAN 1, 2, 3, 4, 5
SPANISH 1, 2, 3, 4,
AP
EARTH & THE SOLAR SYSTEM

TRIGONOMETRY
AP PRE-CALCULUS
AP CALCULUS
BIOLOGY/AP
CHEMISTRY/AP
PHYSICS/AP 1, 2
AP ENVIRONMENTAL

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

ECONOMICS
SPEECH
COMPUTER GRAPHICS 1, 2, 3, 4
COMPUTER PROGRAMMING 1, 2
AEROSPACE SCIENCE 1,2,3,4
WELDING
INTRODUCTION TO THE TRADES

CRAFTSMANSHIP
INTRO TO ENGINEERING & DESIGN
PRINCIPLES OF ENGINEERING
WEBPAGE CREATION
PRINCIPLES OF BIOMED SCIENCE
APPLIED TECHNOLOGY

Post-Secondary Schools that have programs related to
this career pathway:



POSSIBLE CAREER OPTIONS

- ◆ Aeronautical Engineer
- ◆ Architect
- ◆ City Planner
- ◆ Engineer
- ◆ Marine Biologist
- ◆ Meteorologist
- ◆ Surveyor
- ◆ Computer Machinist

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
- ◆ Robotics
- ◆ National Honor Society
- ◆ Science National Honor Society
- ◆ Math Club
- ◆ Global Scholars



TRANSPORTATION, DISTRIBUTION, & LOGISTICS

Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water. Related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance

RECOMMENDED GHS COURSES

ALL CORE ACADEMICS (ENGLISH, MATH, SCIENCE, SOCIAL STUDIES)

HIGH FOCUS COURSES

ALGEBRA 1, 2

GEOMETRY

TRIGONOMETRY

STATISTICS & PROBABILITY/AP

AP PRE-CALCULUS

AP CALCULUS

CHEMISTRY

AP CHEMISTRY

PHYSICS

AP PHYSICS 1, 2

SCIENCE AND SOCIETY

EARTH & THE SOLAR SYSTEM

AP HUMAN GEOGRAPHY

AP ECONOMICS

AP ENVIRONMENTAL

CAREER AND TECHNICAL COURSES CENTRAL TO THIS PATHWAY

CRAFTSMANSHIP

APPLIED TECHNOLOGY

COMPUTER PROGRAMMING 1, 2

INTRO TO ENGINEERING & DESIGN

PRINCIPLES OF ENGINEERING

AEROSPACE SCIENCE 1,2,3,4

HEALTH INFLUENCES

HEALTH LITERACY

LEADERSHIP

Post-Secondary Schools that have programs related to
this career pathway



POSSIBLE CAREER OPTIONS

- ◆ Air Traffic Controller
- ◆ City Planner
- ◆ Civil Engineer
- ◆ Truck Driver
- ◆ Pilot
- ◆ Air Force Mechanic
- ◆ Logistical Planner

CAREER BASED LEARNING EXPERIENCES

- ◆ Youth Apprenticeship
- ◆ Job Shadow
- ◆ Guest Speakers
- ◆ Industry Tours
- ◆ Labs
- ◆ Independent Study
- ◆ Internship

RELATED SCHOOL CLUBS & ORGANIZATIONS

- ◆ SkillsUSA
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COUNSELOR CONTACTS

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