

# Career Pathways



## Agriculture, Food & Natural Resources

This Career Cluster prepares learners for careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products. It also includes related professional, technical and educational services.

### The Seven Pathways

#### Food Products and Processing Systems

- Food and Drug Inspector
- Food/Meat Processor
- Agricultural Engineer
- Agricultural Educator
- Bioengineer
- Microbiologist
- Dietician
- Quality Control Specialist
- Food Scientist

#### Animal Systems

- Animal Caretaker/Trainer
- Animal Scientist
- Equine Manager
- Dairy Farmer
- USDA Inspector
- Veterinarian
- Veterinary Assistant
- Animal Nutritionist

#### Power, Structural and Technical Systems

- Database Administrator
- Machine Operator
- Welder
- Agricultural Engineer
- Waste Water Treatment Plant Operator
- Machinist
- Farm Equipment Technician

#### Environmental Service Systems

- Soil Conservationists
- Chemical Engineer
- Recycler
- Hazardous Materials Handler
- Water Quality Manager
- Toxicologist
- Conservation Wardens
- Wildlife Biologist

#### Natural Resource Systems

- Fish and Game Officer
- Logger
- Geologist
- Ecologist
- Logger
- Park Manager
- Wildlife Manager
- Agronomists

#### Agribusiness Systems

- Dairy Herd Supervisor
- Farm Manager
- Bank/Loan Office
- Agricultural Lender
- Feed Supply Store Manager
- Agricultural Products Buyer/Distributor

#### Plant Systems

- Plant Breeder and Geneticist
- Soil and Water Specialist
- Certified Crop Advisor
- Botanist
- Horticulturists
- Education and Extension Specialist
- Golf Course Superintendent
- Green House Manager
- Forest Genetics

### High School Courses for supporting knowledge in Agriculture, Food & Natural Resources career

Recommended Elective Courses				Recommended Activities & Organizations
Plants, Animals, Food & You	Chemistry	Geometry	Intro to Business	FFA Trees for Tomorrow (TFT) Forensics FBLA Skills USA
Small Animal Science	Physics	Analysis	Physical Education	
Large Animal Science	Advanced Chemistry	Calculus	Pro Multimedia Com	
Plant Science	Advanced Biology	Economics	Civil Engineering & Architecture	
Landscaping	Spanish	Sociology	Web Page Development	
Natural Resources	UWGB English	Construction Tech	English Comp I	
Aquaculture	UWGB Speech	Adv. Algebra	Modern Politics	
Ag Business Management	Business Law	Math Trades I & II	World Geography	
Materials and Processes	Accounting			
Applied Construction Tech				
Introduction to Drafting				



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## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology	US History	Phy. Ed			
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Pro Media I-II Sports Lit			European Hist Mo Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	UWGB English UWGB Speech							

### High School Courses for supporting knowledge in Agriculture, Food & Natural Resources career

Recommended Elective Courses			Recommended Activities & Organizations
Plants, Animals, Food & You Small Animal Science Large Animal Science Plant Science Landscaping Natural Resources Aquaculture Ag Business Management Materials and Processes Applied Construction Tech Introduction to Drafting	Chemistry Physics Advanced Chemistry Advanced Biology Spanish UWGB English UWGB Speech Business Law Accounting	Geometry Analysis Calculus Economics Sociology Construction Tech Adv. Algebra Math Trades I & II	FFA Trees for Tomorrow (TFT) Forensics FBLA Skills USA



## Architecture & Construction

This diverse Career Cluster prepares learners for careers in designing, planning, managing, building and maintaining the building environment. People employed in this cluster work on new structures, restorations, additions, alterations and repairs.

### The Three Pathways

#### Construction

- Carpenter
- Construction Engineer
- Electrician
- Mason
- Contractor
- Drywall Installer
- Plumber
- Roofer
- Safety Director
- Tile and Marble Setter

#### Design/Pre-Construction

- Architect
- Civil Engineer
- Drafter
- Electrical Engineer
- Industrial Engineer
- Safety Director
- Structural Engineer
- Landscape Architect
- Interior Designer
- Fire Protection and Prevention Engineer
- Surveying and Mapping Technician

#### Maintenance and Operations

- Air Conditioning Technician
- Construction Inspector
- Equipment and Material Manager
- Cost Estimators
- Subcontractor
- Wastewater Maintenance Technician
- Hazardous Material Remover
- Demolition
- Service Contractor and Field Supervisor

### High School Courses for supporting knowledge in Architecture & Construction career

Recommended Elective Courses			Recommended Activities & Organizations
Band	Math Trades I & II	Introduction to Drafting	FFA Forensics Yearbook Spirit Club FBLA SKILLS USA
Choir	Adv. Algebra	Computer Aided Drafting and Design	
Music Appreciation	Analysis	Material and Processes	
Landscaping	Calculus	Construction Technology	
Natural Resources	Intro to Marketing	Applied Construction Technology	
	Sprts & Entertainment, Ad & Mrk Prom	Furniture Design	
English Comp I	Intro to Business	Welding and Metal Fab	
UWGB Speech	Modern Politics	Small Engines	
Economics	Business Management	Car Care	
AP European History	Accounting	Engineering Research and Development	
Geometry	Business Law		
Chemistry	Pro Multimedia Communications		
Physics	Principals of Engineering		
Physical Education	Civil Engineering and Architecture		
Spanish	Introduction to Engineering Design		



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					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Architecture and Construction Careers

Recommended Elective Courses			Recommended Activities & Organizations
Band	Adv. Algebra	Introduction to Drafting	FFA Forensics Yearbook Spirit Club FBLA SKILLS USA
Choir	Math Trades I & II	Computer Aided Drafting and Design	
Music Appreciation	Analysis	Material and Processes	
Landscaping	Calculus	Construction Technology	
Natural Resources	Intro To Marketing	Applied Construction Technology	
	Sports & Entertnmnt, Ad & Mark Prom	Furniture Design	
English Comp I	Intro to Business	Welding and Metal Fab	
UWGB Speech	Modern Politics	Small Engines	
Economics	Business Management	Car Care	
European History	Accounting	Engineering Research and Development	
Geometry	Business Law		
Chemistry	Pro Multimedia Communications		
Physics	Principals of Engineering		
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## Arts, A/V Technology & Communications

This diverse Career Cluster prepares learners for careers in designing, planning, managing, building and maintaining the building environment. People employed in this cluster work on new structures, restorations, additions, alterations and repairs.

### The Six Pathways

#### Audio & Video Technology and Film

- Audio Systems Technician
- A-V Designer and Engineer
- Videographer: Special Effects and Animation
- Video Systems Technician
- Technical Computer Support Technician
- Animator
- Cinematographer
- Medical and Scientific Illustrators

#### Journalism and Broadcasting

- Editor
- Journalist
- Producer
- Publisher
- Radio and Television Announcer
- Writer
- Reporter
- Design Director
- Control Room Technician

#### Performing Arts

- Actor
- Composer
- Director
- Makeup Artist
- Lighting Director
- Musician
- Choreographer
- Playwright
- Scenic Designer

#### Printing Technology

- Desktop Publishing
- Job Printers
- Platemakers
- Press Operators

#### Telecommunications

- Office Installers
- Network Technicians
- Telecommunications

#### Visual Arts

- Painter
- Sculptor
- Cartoonist
- Animator
- Art Director
- Print Maker
- Illustrator
- Fashion Artist
- Graphic Designer
- Commercial Photographer

### High School Courses for supporting knowledge in Arts A/V Technology & Communications careers

Recommended Elective Courses			Recommended Activities & Organizations
Band Choir Music Appreciation Brit Lit Pro Multimedia Communications English Comp I Creative Writing Physical Education Spanish	UWGB Speech UWGB English Comp Intro To Film Analysis Chemistry Physics AP European History World Geography Car Care	Geometry Adv. Algebra Math Trades I & II Marketing & Sports/Entertainment Accounting Desktop Publishing Web Page Development	FFA School Newspaper Yearbook Forensics Yearbook FBLA SKILLS USA



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					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	UWGB English UWGB Speech							

### High School Courses for Supporting Knowledge in Arts A/V Technology & Communications Careers

	Recommended Elective Courses		Recommended Activities & Organizations
Band	UWGB Speech	Geometry	FFA
Choir	UWGB English	Adv. Algebra	School Newspaper
Music Appreciation	Intro To Film Analysis	Math Trades I & II	Yearbook
Brit Lit	Chemistry	Marketing & Sports/Entertainment	Forensics
Pro Multimedia Communications	Physics	Accounting	Yearbook
English Comp I	AP European History	Desktop Publishing	FBLA
Creative Writing	Cultural World	Web Page Development	SKILLS USA
Physical Education	Geography		
Spanish	Car Care		



## Business, Management & Administration

The Business, Management and Administration Cluster prepares learners for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

### The Six Pathways

#### Business Financial Management and Accounting

- Accountant
- Adjuster
- Auditor
- Bookkeeper
- Billing Specialist
- Price Analyst
- Treasurer
- Accounts Payable Clerk
- Billing Clerk

#### Human Resources

- Human Resources Manager
- Compensation and Benefits Manager
- Training and Development Specialist
- Labor and Personnel Specialist
- Equal Employment Opportunity Specialist
- OSHA/ADA Compliance Officer
- Meeting and Convention Planner
- Personnel Recruiter

#### Marketing

- Marketing Manager
- Store Manager
- Customer Service Supervisor
- Retail Salesperson
- Wholesale or Retail Buyer
- Public Relations Specialist
- Advertising Agent
- Telemarketer

#### Management

- Entrepreneur
- General Manager
- Public Relations Manager
- Risk Manager
- Advertising Account Executive
- Health Care Administrator
- Small Business Owner

#### Business Analysis

- Budget Analyst
- Compensation Analyst
- Cost Analyst
- Database Business Analyst
- Investment Analyst
- Marketing Analyst

#### Administration and Information Support

- Administrative Assistant
- Executive Assistant
- Office manager
- Desktop Publisher
- Customer service assistant
- Data Entry Specialist
- Receptionist
- Word Processor

### High School Courses for supporting knowledge in Business, Management & Administration careers

Recommended Elective Courses				Recommended Activities & Organizations
Band Choir Music Appreciation Ag Business Management UWGB English UWGB Speech Pro Multimedia Communications	English Comp I Economics Youth In Governance Sociology AP Psychology World Geography Intro To Marketing Sports & Ent, Ad & Mark Prom Intro to Business Business Management	Geometry Adv. Algebra Analysis Math Trades I & II Accounting Desktop Publishing Business Law	Personal Finance Web Page Development Car Care Physical Education Spanish	FFA Forensics SKILLS USA





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					Health			
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11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Business, Management & Administration Careers

Recommended Elective Courses				Recommended Activities & Organizations
Band	Economics	Geometry	Personal Finance	FFA Forensics SKILLS USA
Choir	Sociology	Adv. Algebra	Web Page Development	
Music Appreciation	AP Psychology	Analysis	Car Care	
Ag Business Management	World Geography	Math Trades I & II	Physical Education	
UWGB English	Intro to Marketing	Accounting	Spanish	
UWGB Speech	Intro to Business	Desktop Publishing		
Pro Multimedia Communications	Business Management	Business Law		
English Comp 1		Sprts/Ent, Ad & Mrk Prom		



## Education & Training

This diverse Career Cluster prepares learners for careers in planning, managing and providing education and training services, and related learning support services. Millions of learners each year train for careers in education and training in a variety of settings that offer academic instruction, career technical instruction, and other education and training services.

### The Three Pathways

#### Teaching and Training

- Preschool or Kindergarten Teacher, Aide
- Elementary Teacher, Aide
- Secondary Teacher, Aide
- Special Education Teacher, Aide
- College/University Lecturer Professor
- Management Development Trainer
- Human Resource Trainer
- Coach
- Child Care Director
- Early Childhood Teacher, Aide

#### Professional Support Services

- Psychologists—Clinical, Developmental, Social
- Social Worker
- Parent Educator
- Counselor
- UWGB Speech-Language Pathologist and Audiologist

#### Administration and Administrative Support

- Superintendent
- Principal
- Director of Training
- Librarian
- Instructional Coordinator
- Educational Researcher
- College President
- Dean
- Curriculum Developer
- Instructional Media Designer

### High School Courses for supporting knowledge in Education & Training careers

Recommended Elective Courses			Recommended Activities & Organizations
Band	Physical Education	Geometry	FFA Forensics Yearbook Spirit Club FBLA
Choir	Advanced Biology	Adv. Algebra	
Music Appreciation	AP Psychology	Analysis	
American Lit.	Sociology	Math Trades I & II	
Brit. Lit	Business Management	Business Management	
Creative Writing	Intro To Marketing	Welding and Metal Fab	
UWGB English	Sports/Ent, Ad & Mark Prom	Material and Processes	
UWGB Speech	Personal Finance	Car Care	
Intro To Film Analysis	Accounting	Introduction to Engineering Design	
Pro Multimedia Communication	Desktop Publishing	Civil Engineering and Architecture	
English Comp I	Web Page Development	Spanish	
Chemistry			
Health			



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11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geo Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses for supporting knowledge in Education & Training careers

Recommended Elective Courses	Recommended Activities & Organizations
Band Choir Music Appreciation American Lit. Brit. Lit Creative Writing UWGB English UWGB Speech Intro To Film Analysis Pro Multimedia Communication English Comp I Chemistry Health	Physical Education Technology Education Advanced Biology AP Psychology Sociology Business Management Intro To Marketing Sport/Ent, Ad & Mark Prom Personal Finance Accounting Desktop Publishing Web Page Development
Geometry Adv. Algebra Analysis Math Trades I & II Intro to Business Management Welding and Metal Fab Material and Processes Car Care Introduction to Engineering Design Civil Engineering and Architecture Spanish	FFA Forensics Yearbook Spirit Club FBLA



## Finance

The Finance Cluster prepares learners for careers in financial and investment planning, banking, insurance and business financial management. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.

## The Four Pathways

### Financial and Investment Planning

- Personal Financial Advisor
- Tax Preparer
- Sales Agent for Securities and Commodities
- Investment Advisors
- Brokerage Clerk
- Development Officer

### Business Financial Management

- Accountant
- Financial Analyst
- Controller
- Chief Revenue Agent
- Auditor
- Economist
- Tax Examiner
- Collector
- Revenue Agent

### Banking and Related Services

- Loan Officer
- Bill and Account Collector
- Teller
- Loan Processor
- Real Estate Appraisers
- Internal Auditor
- Title Researcher and Examiner
- Debt Counselor

### Insurance Services

- Claims Agent
- Examiner
- Claims Clerk
- Insurance Appraiser
- Underwriter
- Actuary
- Sales Agent
- Customer Service Agent
- Processing Clerk

## High School Courses for supporting knowledge in Finance careers

	Recommended Elective Courses		Recommended Activities & Organizations
Band	Psychology	Business Law	FFA
Choir	Geometry	Desktop Publishing	FBLA
Music Appreciation	Adv. Algebra	Car Care	Yearbook
Art	Math Trades I & II	Physical Education	SKILLS USA
Ag Business Management	Analysis	Spanish	
Writing for the Workplace	Calculus		
UWGB Speech	Intro To Marketing		
UWGB English	Sports/Ent, Ad & Mark Prom		
Brit Lit	Intro to Business		
Pro Multimedia Communications	Accounting I, II		
Economics			



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11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geo Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses for supporting knowledge in Finance career

	Recommended Elective Courses	Recommended Activities & Organizations
Band	Psychology	FFA
Choir	Geometry	FBLA
Music Appreciation	Adv. Algebra	Yearbook
Art	Math Trades I & II	SKILLS USA
Ag Business Management	Analysis	
	Calculus	
UWGB Speech	Intro To Marketing	
UWGB English	Intro to Business	
Brit Lit	Accounting I, II	
Pro Multimedia Communications		
Economics		

## Government & Public Administration

Government affects Americans in countless ways. In a democratic society, government is the means of expressing the public will. This includes a variety of activities. In fact, virtually every occupation can be found within government. There are, however, some activities that are unique to government. The federal government defends us from foreign aggression; represents American interests abroad; deliberates passes and enforces laws; and administers many different programs. State and local governments pass laws or ordinances and provide vital services to constituents. There are many opportunities in government in every career area. The Government and Public Administration Career Cluster focuses on those careers that are unique to government and not contained in another Career Cluster.



## The Seven Pathways

### Governance

- Legislative Assistant
- Congressional Aide
- Lobbyist
- County Commissioner
- Legislators
- Mayor
- Governor
- Lieutenant Governor
- Postmaster

### Foreign Service

- Foreign Service Officer
- Diplomatic Officer
- Consular Officer
- Ambassador
- Diplomatic Courier
- Peace Corps
- Translator

### Regulation

- Investigator/Examiner
- Code Inspector
- Bank Examiner
- Election Supervisor
- Child Support Officer
- Cargo Inspector
- Border Inspector
- Aviation Safety Officer

### Public Management and Administration

- Court Administrator or Clerk
- City or County Clerk
- City Council Member
- City Manager
- Purchasing Manager
- Political Scientists

### National Security

- Combat Control Officer
- Missile and Space Systems Officer
- Submarine Officer
- Infantry Officer and Specialist
- Air Defense Artillery Officer
- Military Intelligence Officer
- Cryptographer
- Intelligence Analyst

### Revenue and Taxation

- Tax Examiner
- Tax Clerk
- Revenue Agent
- Internal Revenue Investigator
- Auditor
- Lawyer

### Planning

- Planner
- Census Enumerator
- Census Clerk
- Federal Aid Coordinator
- Economic Development Coordinator
- Chief of Vital Statistics

## High School Courses for supporting knowledge in Government & Public Administration careers

Recommended Elective Courses				Recommended Activities & Organizations
Band	Economics	Analysis	Pro Multi Media Com.	FFA Forensics Yearbook FBLA SKILLS USA
Choir	Youth In Governance	Calculus	Web Page Development	
Ag Business Management	European History	Business Management	Desktop Publishing	
American Lit	Modern Politics	Intro to Business	Car Care	
Brit Lit	Geometry	Business Law	Intro to Engineering Design	
UWGB English	Adv. Algebra	Accounting I, II	Civil Engineering & Architecture	
UWGB Speech	Math Trades I & II	Spanish	Introduction to Drafting	
English Comp I	Physical Education			

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					Health			
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11	Amer. Lit I-II Eng Comp I Brit Lit I-II Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Government & Public Administration

Recommended Elective Courses				Recommended Activities & Organizations
Band	Economics	Analysis	Pro Multi Media Com.	FFA
Choir	Youth In Governance	Calculus	Web Page Development	Forensics
Ag Business Management	European History	Business Management	Desktop Publishing	Yearbook
American Lit	Modern Politics	Intro to Business	Car Care	FBLA
Brit Lit	Geometry	Business Law	Intro to Engineering Design	SKILLS USA
UWGB English	Adv. Algebra	Accounting I, II	Civil Engineering & Architecture	
UWGB Speech	Math Trades I & II	Spanish	Introduction to Drafting	
English Comp I	Physical Education			



## Health Science

This Health Science Career Cluster orients students to careers that promote health, wellness, and diagnosis as well as treat injuries and diseases. Some of the careers involve working directly with people, while others involve research into diseases or collecting and formatting data and information. Work locations are varied and may be in hospitals, medical or dental offices or laboratories, cruise ships, medivac units, sports arenas, space centers, or within the community.

## The Five Pathways

### Therapeutic Services

- Athletic Trainer
- Certified Nurse Assistant
- Dental Hygienist
- Paramedic
- Massage Therapist
- Anesthesiologist
- Chiropractor

- Pharmacist
- Physician
- Registered Nurse
- Respiratory Therapist
- Surgical Technician
- Dentist

### Diagnostic Services

- Medical Lab Technologist
- Nuclear Medicine Technologist
- Pathologist
- Phlebotomist
- Radiologic Technologist

### Health Informatics

- Admitting Clerk
- Data Analyst
- Health Care Administrator
- Health Information Coder
- Medical Biller
- Medical Information Technologist
- Medical Librarian
- Reimbursement Specialist
- Transcriptionist

### Support Services

- Biomedical Clinical Engineer
- Central Services Technician
- Dietary Technician
- Hospital Maintenance Engineer
- Materials Management Technician

### Biotechnology Research and Development

- Bioinformatics Specialist
- Biostatistician
- Microbiologist
- Sociologist
- Mathematicians
- Molecular Biologist
- Pharmacist
- Research Assistant
- Geneticist
- Statisticians

## High School Courses for supporting knowledge in Health Science careers

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	UWGB English	Economics	Intro To Marketing	Sports Science Society Yearbook FBLA SKILLS USA
Adv. Algebra	UWGB Speech	Business Law	Sprts & Ent, Ad & Mark Prom	
Analysis	Brit Lit	Desktop Publishing	Personal Finance	
Calculus	English Comp I	Strength and Conditioning	Car Care	
Math Trades I & II	AP-Psychology	Trends in Fitness	Intro to Engineering Design	
Health	Accounting I, II	Team Sports	Individual Sports	
Pro Multimedia Communications	Physical Education	Intro to Business	Spanish	
Sociology	Small Animal Science	Business Management		
Chemistry	Plnts, Anmls, Food & You			
Advanced Chemistry	Large Animal Science			
Advanced Biology	Band			
Physics	Choir			





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					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Health Science careers

Recommended Elective Courses	Recommended Activities & Organizations
Geometry Adv. Algebra Analysis Calculus Math Trades I & II Health Pro Multimedia Communications Sociology Chemistry Advanced Chemistry Advanced Biology Physics	UWGB English UWGB Speech Brit Lit English Comp I AP-Psychology Accounting I, II Physical Education Small Animal Science Plnts, Anmls, Food & You Large Animal Science
Band Choir Economics Business Law Desktop Publishing Strength and Conditioning Trends in Fitness Team Sports	Intro to Business Business Management Intro To Marketing Sports/Ent, Ad & Mark Prom Personal Finance Car Care Intro to Engineering Design Individual Sports Spanish
	Sports Science Society Yearbook FBLA SKILLS USA



## Hospitality & Tourism

The Hospitality and Tourism Cluster prepares learners for careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreational events and travel-related services. Hospitality operations are located in communities throughout the world.

### The Four Pathways

#### Restaurant and Food /Beverage Services

- Food and Beverage Manager
- Catering and Banquets Manager
- Maître'd
- Restaurant Owner
- Executive Chef
- Pastry and Specialty Chef
- Cook
- Bartender and Server
- Banquet Setup Employee
- Room Service Attendant

#### Lodging

- Front Office Manager
- Executive Housekeeper
- Director of Sales and Marketing
- Director of Operations
- Rooms Division Manager
- Front Desk Supervisor
- Reservations Supervisor
- Bell Captain
- Sales Professional
- Reservationist
- Guestroom Attendant

#### Travel and Tourism

- Event Planner
- Convention Services Manager
- Destination Manager
- Heritage Tourism Developer
- Interpreter
- Meeting Planner
- Tour Guide
- Tour Operator
- Travel Agent
- Tour and Ticket Reservationist
- Tourism Marketing Specialist
- Welcome Center Supervisor

#### Recreation, Amusements and Attractions

- Club Manager
- Club Event Planner
- Club Membership Developer
- Parks and Garden Director
- Resort instructor
- Gaming and Casino Supervisor
- Fair/Festival Event Planner
- Fairs/Festival Promotional Developer
- Park Ranger
- Recreation Directors
- Umpire
- Zookeeper

### High School Courses for supporting knowledge in Hospitality & Tourism career

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	Advanced Biology	Natural Resources	Band	Forensics School Newspaper FFA SKILLS USA
Adv. Algebra	UWGB Speech	Small Animal Science	Choir	
Math Trades I & II	Pro Multimedia	Plant Science	Music Appreciation	
Economics	English Comp I	Intro to Marketing	Desktop Publishing	
European History	Creative Writing	Intro to Business	Car Care	
Psychology	UWGB English Comp	Business Management	Physical Education	
Sociology	Brit Lit	Business Keyboarding	Spanish	
World Geography	Plants, Animals, Food & You	Accounting		
Chemistry		Web page Development		



### Hospitality & Tourism

The Hospitality and Tourism Cluster prepares learners for careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreational events and travel-related services. Hospitality operations are located in communities throughout the world.

## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology	US History	Phy. Ed			
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Hospitality & Tourism Careers

Recommended Elective Courses	Recommended Activities & Organizations
Geometry Adv. Algebra Math Trades I & II Economics European History Psychology Sociology World Geography Chemistry	Forensics School Newspaper FFA SKILLS USA
Advanced Biology UWGB Speech Pro Multimedia Writing for the Workplace Creative Writing UWGB English Comp Brit Lit Plants, Animals, Food & You	
Natural Resources Small Animal Science Plant Science Intro To Marketing Sprts/Ent, Ad & Mrk Pro Intro to Business Business Management Business Keyboarding Accounting I, II Web page Development	
	Band Choir Music Appreciation Desktop Publishing Car Care Physical Education Spanish



## Human Services

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

### The Five Pathways

#### Early Childhood Development and Services

- Assistant Director Childcare Facilities
- Childcare Assistant/Worker
- Director, Childcare Facilities
- Educator for Parents
- Nanny
- Preschool Teacher
- Teacher's Assistant

#### Personal Care Services

- Cosmetologist
- Embalmer
- Funeral Attendant
- Funeral Director
- Nail Technician
- Personal Trainer
- Skin Care Specialist
- Spa Attendant

#### Counseling and Mental Health Services

- Career Counselor
- Clinical and Counseling Psychologist
- HIV/Aids Counselor
- Marriage, Child and Family Counselor
- Mental Health Counselor
- Rehabilitation Counselor
- Sociologist
- School Counselor
- Substance Abuse and Behavioral Disorder Counselor

#### Consumer Services

- Consumer Advocate
- Consumer Affairs Officer
- Financial Counselor
- Consumer Research Department Representative
- Investment Advisor
- Employee Benefits Representative
- Market Researcher

#### Family and Community Services

- Adult Day Care Worker
- Community Service Director
- Coordinator of Volunteers
- Director, Religious Activities/Education Programs
- Emergency and Relief Worker
- Geriatric Service Worker
- Grief Counselor
- Social and Human Services Assistant
- Social Services Worker

### High School Courses for supporting knowledge in Human Services careers

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	Brit Lit	Choir	Desktop Publishing	FFA Yearbook FBLA SKILLS USA
Adv. Algebra	UWGB Speech	Music Appreciation	Car Care	
Math Trades I & II	UWGB Speech	Business Management	Physical Education	
Economics	English Comp I	Intro to Business	Spanish	
Psychology	Pro Multimedia	Intro To Marketing		
Sociology	Ag Business Management	Sprt/Ent, Ad & Mart Prom		
AP European History	Band	Business Law		
Chemistry		Accounting I, II		
		Web Page Development		



### Human Services

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

## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology	US History	Phy. Ed			
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses for supporting knowledge in Human Services careers

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	Brit Lit	Choir	Desktop Publishing	FFA Yearbook FBLA SKILLS USA
Adv. Algebra	UWGB Speech	Music Appreciation	Car Care	
Math Trades I & II	Pro Multimedia	Business Management	Physical Education	
Economics	Ag Business Management	Intro to Business	Spanish	
Psychology	Band	Intro to Marketing		
Sociology		Sprt/Ent, Ad & Mark Prom		
AP European History		Business Law		
Chemistry		Accounting I, II		
		Web Page Development		



### Information Technology

Building Linkages in IT Occupations Framework; For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services. Anyone preparing for an IT career should have a solid grounding in math and science.

## The Four Pathways

#### Network Systems

- Network Administrator
- Network Technician
- PC Support Specialist
- Telecommunications Network Technician
- Data Communications Analyst
- Security Administrator

#### Information Support Services

- Database Administrator
- Enterprise Systems Engineer
- Help Desk Specialist
- Technical Support Engineer
- Technical Writer
- Instructional Designer
- Application Integrator

#### Programming and Software Development

- Software Applications Architect
- Operating Systems Design/Engineer
- Computer Programmer
- Game Programmer
- Applications Engineer

#### Interactive Media

- Web Designer
- Webmaster
- 3D Animator
- Virtual Reality Specialist
- Multimedia Producer
- Graphic Artist

### High School Courses for supporting knowledge in Information Technology careers

Recommended Elective Courses			Recommended Activities & Organizations
Geometry	UWGB English	Spanish	Forensics FFA FBLA Yearbook SKILLS USA
Adv. Algebra	UWGB Speech	Band	
Analysis	English Comp I	Choir	
Calculus	Brit Lit	Music Appreciation	
Math Trades I & II	Creative Writing	Introduction to Engineering Design	
Economics	Web Page Development	Computer Aided Drafting and Design	
Sociology	Accounting		
Chemistry	Desktop Publishing		
Physics	Cutting Edge Technology		
Advanced Biology			
Pro Multimedia Communications			
Physical Education			



### Information Technology

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## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
					9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Information Technology Careers

Recommended Elective Courses	Recommended Activities & Organizations
Geometry Adv. Algebra Analysis Calculus Math Trades I & II Economics Sociology Chemistry Physics Advanced Biology Pro Multimedia Communications Physical Education	Forensics FFA FBLA Yearbook SKILLS USA



## Law, Public Safety, Corrections & Security

The Law, Public Safety, Corrections and Security Cluster helps prepare students for careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

### The Five Pathways

#### Correction Services

- Warden
- Jail Administrator
- Program Coordinator and Counselor
- Public Information Officer
- Correctional Trainer
- Case Manager
- Community Corrections Practitioner
- Probation/Parole Officer
- Corrections Officer
- Detention Deputy
- Youth Services Worker

#### Security and Protective Services

- Security Director
- Security Systems Designer
- Physical Security Specialist
- Information Systems Security Specialist
- Computer Forensics Specialist
- Private/Cooperate Investigator
- Security Trainer/Educator
- Loss Prevention Specialist
- Security Systems Technician
- Certified Security Officer
- Armored Car Guard

#### Law Enforcement Services

- Criminal Investigator and Special Agent
- Immigration and Customs Inspector
- Federal Marshall
- Police Detective and Criminal Investigator
- Police, Fire and Ambulance Dispatcher
- Sheriff and Deputy Sheriff
- Private Detective and Investigator
- Police and Patrol Officer
- Evidence Technician

#### Legal Services

- Judge
- Magistrate
- Attorney
- Case Management Specialist
- Legal Assistant
- File and Document Manager
- Investigator
- Law Clerk

#### Emergency and Fire Management Services

- Emergency Management and Response Coordinator
- Emergency Planning Manager
- Emergency Medical Technician
- Fire Fighter
- Hazardous Materials Responder
- Dispatcher
- Training Officer
- Rescue Worker

### High School Courses for supporting knowledge in Law, Public Safety, Corrections and Security career

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	Chemistry	American Lit	UWGB Speech	Forensics
Adv. Algebra	Advanced Chemistry	UWGB English	English Comp I	Sports
Analysis	Advanced Biology	Intro to Business	Web Page Development	SADD
Math Trades I & II	Physics	Business Law	Car Care	Yearbook
AP Psychology	Band	Accounting I, II	Physical Education	FBLA
Sociology	Choir	Pro Multimedia Com.	Spanish	SKILLS USA
Modern Politics	Music Appreciation			





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## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
					9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology
Health								
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses for supporting knowledge in Law, Public Safety, Corrections and Security careers

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	Chemistry	American Lit	UWGB Speech	Forensics
Adv. Algebra	Advanced Chemistry	UWGB English	English Comp I	Sports
Analysis	Advanced Biology	Intro to Business	Web Page Development	SADD
Math Trades I & II	Physics	Business Law	Car Care	Yearbook
AP Psychology	Band	Accounting I, II	Physical Education	FBLA
Sociology	Choir	Pro Multimedia Com.	Spanish	SKILLS USA
Modern Politics	Music Appreciation			



## Manufacturing

This diverse Career Cluster prepares learners for careers in planning, managing, and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

## The Six Pathways

### Production

- Assemblers
- Automated Manufacturing Technicians
- Bookbinders
- Calibration Technicians
- Electromechanical Equipment Assemblers
- Extruding and Drawing Machine Operators
- Medical Appliance Makers
- Tool and Die Makers

### Quality Assurance

- Calibration Technicians
- Inspectors
- Lab Technician
- Process Control Technician
- Quality Control Technician
- Quality Engineer

### Manufacturing Production Process Development

- Design Engineers
- Industrial Engineers
- Labor Relations Managers
- Manufacturing Engineers
- Power Generating and Reactor Plant Operators
- Precision Inspectors, Testers and Graders
- Process Improvement Technicians
- Production Managers

### Logistics and Inventory Control

- Dispatchers
- Freight, Stock and Material Movers
- Industrial Truck and Tractor Operators
- Logistical Engineers
- Logisticians
- Material Handlers
- Process Improvement Technicians
- Traffic Managers

### Maintenance, Installation, and Repair

- Biomedical Equipment Technicians
- Communication System Installers/Repairers
- Instrument Control Technician
- Job/Fixture Designers
- Laser Systems Technicians
- Meter Installers/Repairers
- Security System Installers/Repairers

### Health, Safety and Environmental Assurance

- Environmental Engineers
- Environmental Specialists
- Health and Safety Representatives
- Safety Coordinators
- Safety Engineers
- Safety Team Leaders
- Safety Technicians

## High School Courses for supporting knowledge in Manufacturing careers

Recommended Elective Courses				Recommended Activities & Organizations
Geometry Adv. Algebra Analysis Calculus Math Trades I & II Economics AP European History Sociology World Geography Chemistry Advanced Chemistry Physics	Advanced Biology UWGB Speech English Comp I Intro to Business Pro Multimedia Communications Desktop Publishing Accounting I, II Natural Resources Spanish	Band Choir Music Appreciation Intro to Drafting Civil Engineering & Architecture Intro to Engineering Design Engineering Research & Dvlpmnt CNC Fundamentals I & II Car Care Physical Education	Material & Processes Construction Technology Applied Construction Tech Furniture Design Welding & Metal Fab Small Engines CADD	FBLA Yearbook SKILLS USA
26				



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## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
					9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Manufacturing Career

Recommended Elective Courses				Recommended Activities & Organizations
Geometry	Advanced Biology	Band	Materials & Processes	FBLA Yearbook SKILLS USA
Adv. Algebra	Writing for the Workplace	Choir	Construction Technology	
Analysis	UWGB Speech	Music Appreciation	Applied Construction Tech	
Calculus	English Comp I	Intro to Drafting	Furniture Design	
Math Trades I & II	Intro to Business	Civil Engineering & Architecture	Welding & Metal Fab	
Economics	Pro Multimedia Communications	Intro to Engineering Design	Small Engines	
AP European History	Desktop Publishing	Engineering Research & Develop	CADD I	
Sociology	Accounting I, II	CNC Fundamentals I & II		
Cultural World Geography	Natural Resources	Car Care		
Chemistry	Spanish	Physical Education		
Advanced Chemistry				
Physics				



## Marketing, Sales & Service

This diverse career cluster prepares learners for careers in planning, managing, and performing marketing activities to reach organizational objectives.

## The Seven Pathways

### Management and Entrepreneurship

- Chief Executive Officer
- Entrepreneur
- Franchisee
- Independent Distributer
- Owner
- Partner
- President
- Small Business Owner

### Professional Sales and Marketing

- Account Executive
- Broker
- Field Representative
- Regional Sales Manager
- Retail Sales Specialist
- Sales Executive
- Technical Sales Specialist

### Buying and Merchandising

- Clerk
- Department Manager
- Merchandise Buyer
- Merchandising Manager
- Operations Manager
- Retail Marketing Coordinator
- Sales Associate
- Store Manager

### Marketing Communications and Promotion

- Advertising Manager
- Art/Graphics Director
- Creative Director
- Interactive Media Specialist
- Marketing Associate
- Public Relations Manager
- Sales Representative

### Marketing Information Management and Research

- Brand Manager
- Database Manager
- Director of Market Development
- Product Planner
- Research Associate
- Strategic Planner, Marketing

### Distribution and Logistics

- Distribution Coordinator
- Inventory Manager/Analyst
- Logistics Analyst/Engineer
- Logistics Manager
- Materials Manager
- Shipping/Receiving Administrator
- Shipping/Receiving Clerk
- Warehouse Manager

### E-Marketing

- Copywriter/Designer
- Customer Support Specialist
- E-Commerce Director
- E-Merchandising Manager
- Fulfillment Manager
- On-Line Market Researcher
- Site Architect

## High School Courses for supporting knowledge in Marketing, Sales and Service careers

	Recommended Elective Courses		Recommended Activities & Organizations
Band	Economics	Modern Politics	FFA
Choir	Sociology	Geometry	Forensics
Music Appreciation	Psychology	Math Trades I & II	Yearbook
Ag Business Management	World Geography	Adv. Algebra	Spirit Club
UWGB English	Intro to Business	Web Page Development	FBLA
UWGB Speech	Business Management	Business Law	SKILLS USA
English Comp I	Intro To Marketing	Accounting	
Intro To Film Analysis	Sprt/Ent, Ad & Mark Prom	Desktop Publishing	
Brit Lit	Physical Education	Business Communications	
Pro Multimedia Communication		Car Care	
Spanish			



### Marketing, Sales & Service

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## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
					9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Marketing, Sales and Service Careers

	Recommended Elective Courses	Recommended Activities & Organizations
Band	Economics	FFA
Choir	Sociology	Forensics
Music Appreciation	Psychology	Yearbook
Ag Business Management	World Geography	Spirit Club
UWGB English	Intro to Business	FBLA
UWGB Speech	Business Management	SKILLS USA
English Comp I	Intro To Marketing	
Intro To Film Analysis	Physical Education	
Brit Lit		
Pro Multimedia Communication		
Spanish		



### Science, Technology, Engineering & Mathematics

A career in science, technology, engineering or mathematics is exciting, challenging, and ever-changing. Learners who pursue one of these career fields will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

## The Two Pathways

#### Science & Mathematics

- Biologist
- Chemist
- Geneticist
- Physicist
- Quality-Control Scientist
- Mathematician
- Statistician
- Research Technician
- Science Teacher
- Lab Technician

#### Engineering and Technology

- Aeronautical Engineer
- Architectural Engineer
- Biotechnology Engineer
- Chemical Engineer
- Civil Engineer
- Construction Engineer
- Industrial Engineer
- Mechanical Engineer
- Materials Lab and Supply Technician
- Quality Technician

### High School Courses for supporting knowledge in Science, Technology, Engineering & Mathematics careers

Recommended Elective Courses				Recommended Activities & Organizations
Band	UWGB Speech	Comp. Apps I, II	Civil Engineering and Architecture	FFA Science Society Trees for Tomorrow (TFT) Science Symposium FBLA Yearbook SKILLS USA
Choir	English Comp I	Pro Multimedia Com	Introduction to Engineering Design	
Music Appreciation	Brit Lit	Accounting I, II	Engineering Research and Development	
Plnt, Anml, Fd & You	UWGB English	Business Law	Introduction to Drafting	
Large Animal Science	Spanish	Web Page Development	Computer Aided Drafting and Design	
Plant Science	Adv. Algebra	Welding & Metal Fab	Applied Construction Technology	
Aquaculture	Chemistry	Small Engines	Construction Technology	
Natural Resources	Advanced Chemistry	Car Care		
Geometry	Physics	Furniture Design		
Analysis	Biology II	Material and Processes		
Calculus	Physical Education			
Math Trades I & II				
Info Processing				



### Science, Technology, Engineering & Mathematics

A career in science, technology, engineering or mathematics is exciting, challenging, and ever-changing. Learners who pursue one of these career fields will be involved in planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology	US History	Phy. Ed			
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Creative Writ. Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Science, Technology, Engineering and Mathematics

Recommended Elective Courses				Recommended Activities & Organizations
Band	UWGB Speech	Comp. Apps I, II	Civil Engineering and Architecture	FFA Science Society Trees for Tomorrow (TFT) Science Symposium FBLA Yearbook SKILLS USA
Choir	English Comp I	Pro Multimedia Com	Introduction to Engineering Design	
Music Appreciation	Brit Lit	Accounting I, II	Engineering Research and Development	
Plnt, Anml, Fd & You	UWGB English	Business Law	Introduction to Drafting	
Large Animal Science	Adv. Algebra	Web Page Development	Computer Aided Drafting and Design I	
Plant Science	Math Trades I & II	Welding	Applied Construction Technology	
Aquaculture	Spanish	Metal Fabrication	Construction Technology	
Natural Resources	Chemistry	Small Engines		
Geometry	Advanced Chemistry	Car Care		
Analysis	Physics	Furniture Design		
Calculus	Advanced Biology	Material and Processes		
Info Processing	Physical Education			



## Transportation, Distribution & Logistics

This diverse Career Cluster exposes students to careers and businesses involved in the planning, management, and movement of people, materials, and products by road, air, rail and water. It also includes related professional and technical support services such as infrastructure planning and management, logistic services, and the maintenance of mobile equipment and facilities.

### The Six Pathways

#### Transportation Operations

- Transportation Managers
- Pilots
- Locomotive Engineers
- Flight Engineers and Attendants
- Truck and Bus Drivers
- Air Traffic Controllers
- Ship and Boat Captains
- Aircraft Cargo Handling Supervisors

#### Logistics Planning and Management

- Logisticians
- Logistics Managers
- Logistics Engineers and Analysts
- Consultants
- International Logistics Specialists

#### Facility and Mobile Equipment Maintenance

- Industrial Equipment Mechanic
- Electricians and Technicians
- Facility Maintenance Managers and Engineers
- Mobile Equipment Maintenance Managers, Technicians and Mechanics
- Diesel Engine Specialists

#### Warehousing and Distribution Center Operations

- Storage and Distribution Managers
- Warehouse Managers
- Industrial and Packaging Engineers
- Shipping and Receiving Supervisors
- Production, Planning and Expediting Clerks
- Freight and Material Movers and Supervisors

#### Transportation Systems/Infrastructure Planning, Management and Regulations

- Traffic Control
- Urban and Regional Planners
- Vehicle and System Inspectors
- Federal, State and Local Government Transportation Agency Centers

#### Sales and Service

- Reservation and Travel Agents
- Cargo and Freight Agents
- Customer Service Managers and Representatives
- Customer Order and Billing Supervisors

### High School Courses for supporting knowledge in Transportation, Distribution and Logistics career

Recommended Elective Courses				Recommended Activities & Organizations
Band	Chemistry	Intro to Business	Civil Engineering and Architecture	Forensics Yearbook FBLA SKILLS USA
Choir	Physics	Business Management	Introduction to Engineering Design	
Music Appreciation	Adv. Algebra	Pro Multimedia Com	Engineering Research Development	
Ag Business Management	Analysis	Accounting I, II	Introduction to Drafting	
Writing for the Workplace	Calculus	Business Law	Computer Aided Drafting & Design	
UWGB Speech	Math Trades I & II	Small Engines	Material and Processes	
English Comp I	Web Page Development	Furniture Design	Construction Technology	
Economics	Spanish	Car Care	Applied Construction Technology	
Sociology	Geometry	Welding and Metal Fab		
Modern Politics				





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## Bonduel High School Graduation Plan

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES, RECOMMENDED ELECTIVE COURSES OTHER ELECTIVE COURSES, CAREER AND TECHNICAL EDUCATION COURSES			
					9	English 1 Honors English	Pre-Algebra Algebra Geometry	Plant Science Phy. Science Biology
					Health			
10	English 2 Honors English	Algebra Geometry Adv. Algebra	Biology Other Science	World History	Phy Ed			
11	Amer. Lit I-II Eng Comp I Brit Lit I-II Pro Media I-II Sports Lit			European Hist Mod Politics World Geog Sociology Psychology AP-Psych, History, Gov't	Phy. Ed			
					Personal Finance			
12	English IV UWGB English UWGB Speech							

### High School Courses Supporting Knowledge in Transportation, Distribution & Logistics

Recommended Elective Courses				Recommended Activities & Organizations
Band	Chemistry	Intro to Business	Civil Engineering and Architecture	Forensics Yearbook FBLA SKILLS USA
Choir	Physics	Business Management	Introduction to Engineering Design	
Music Appreciation	Adv. Algebra	Pro Multimedia Com	Engineering Research Development	
Ag Business Management	Analysis	Accounting I, II	Introduction to Drafting	
Writing for the Workplace	Calculus	Business Law	Computer Aided Drafting & Design	
UWGB Speech	Math Trades I & II	Small Engines	Material and Processes	
English Comp I	Web Page Development	Furniture Design	Construction Technology	
Economics	Spanish	Welding and Metal Fab	Applied Construction Technology	
Sociology	Geometry	Car Care		
Modern Politics				

