

Career Paths Handbook

A Guide for Students and Their Families

Arts & Communications Path

- *Arts, A/V Technology and Communications*

Business, Management, & Technology Path

- *Business, Management, and Administration*
- *Information Technology*

Health Sciences Path

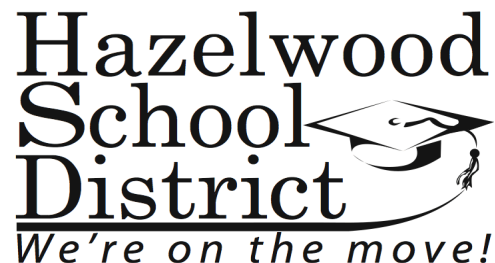
- *Health Sciences*

Human Services Path

- *Education and Training*
- *Hospitality & Tourism*
- *Human Services*
- *Marketing Sales and Service*

Industrial & Engineering Technology Path

- *Science, Technology, Engineering and Mathematics*
- *Architecture & Construction*



STATEMENT OF PURPOSE

Career Paths can give all students the academic preparation, guidance, career-related knowledge and flexibility to help them plan studies that are in line with their interests, abilities, and career goals. The Career Paths framework reinforces the schools' fundamental objectives of academic accountability and improved achievement for all students.



This booklet has been designed to assist students and parents in organizing the student's educational and career plans. The Career Path format has been created to assist each student in developing a personalized six-year academic plan. Students should look at their interests, abilities, talents, and educational/career goals when choosing career pathways and then consider possible careers in each pathway. The intent is not for students to choose a specific occupation for the rest of their lives, but to explore career opportunities that are associated with each career path.

Hazelwood School District course offerings allow students to focus on careers in

Architecture & Construction
Arts, A/V Technology & Communications
Business Management & Administration
Education and Training
Health Science
Hospitality & Tourism
Human Services
Information Technology
Marketing Sales and Service
Science, Technology, Engineering and Mathematics



The use of the Career Paths Handbook will aid students in planning for their futures. Career paths will help students focus on and provide relevance to their course selections throughout high school. Each path provides a suggested program of study for entry-level career to careers requiring a baccalaureate degree and beyond.

Research shows that parents have the greatest influence on the career choices of their children. Developing a career plan with a child is important to his/her future success. It is very important to realize that any educational and career plan should be reviewed at least once each year as interests, abilities, and options change with increased experience and information.

The district hopes parents and students find this booklet to be a helpful resource in identifying the opportunities that will be most meaningful to each student's future endeavors.



WHAT ARE CAREER PATHS?

Career paths are clusters of occupations that are grouped because many of the people in them share similar interests and strengths. All paths include a variety of occupations that require different levels of education and training. Selecting a career path provides you with an area of focus, along with flexibility and a variety of ideas to pursue.

BENEFITS OF CAREER PATHS FOR STUDENTS

- Career paths provide a plan for students, regardless of their interests, abilities, talents, or desired levels of education.
- Career paths will not change the **required** courses students must take but will allow them to make better use of their **elective** choices.
- Career paths allow students to see a relevance to their courses. Consequently, students are motivated to do better in school.
- Career paths help parents and other adults provide better assistance to students as they explore careers and select appropriate elective courses during high school.

Students have the opportunity to develop knowledge and skills that will lead to post secondary education or employment in any number of career pathways.

A Note for Parents:

As students move through their high school years, they will make difficult decisions that will affect their educational plans and career goals. Take the opportunity to be involved in their career planning and support their informed decision-making.

The following activities may help parents guide students through these critical years.

- Help students learn about themselves -- discuss their strengths, weaknesses, and interests.
- Discuss educational and career plans annually during registration.
- Relate high school classes to possible career choices.
- Talk about your career and how it differs from others careers.
- Help them gain a variety of work experiences through internships, job shadowing, co-op, and part-time jobs.
- Understand the high school curriculum.
- Explore options beyond high school and develop with your student a curriculum that will prepare them for the challenges awaiting them after graduation.
- Encourage them to talk with other people about careers that are of interest to them.

To the Student:

WHAT STEPS ARE INVOLVED IN MAKING A CAREER PATH DECISION?

Since your future is very important there is no time like the present to start narrowing in on a particular career.

1. IDENTIFY YOUR INTERESTS, ABILITIES, AND TALENTS

It is important to take a good look at yourself and have a clear understanding of what is important to you. There are a variety of ways to learn more about yourself. Examine your activities to identify what kinds of things you enjoy doing. Review the results of your standardized test scores and examine your grades to identify your strengths.

2. CONSIDER THE POSSIBLE CAREERS IN EACH CLUSTER

Computer-based programs are available in the Guidance office. These programs are available to students during the school day, after school, and at other times by appointment.

Students can access the Missouri Connections system through the internet at www.missouriconnections.org. The features include interests, skills, and work values assessments, a career portfolio, links to job opportunities, postsecondary options, financial aid information, and career development resources.

The guidance department also has a variety of career-related resources for students to check out.

3. SELECT THE CAREER PATH THAT BEST FITS YOUR INTERESTS AND STRENGTHS.

4. INVESTIGATE AND DECIDE ON THE EDUCATIONAL PREPARATION NEEDED FOR THE CAREER PATH

Your training or education may come from the military, vocational/technical schools, community colleges, universities, on the job training, apprenticeships, etc.

It is important to understand that you can do some activities now that will assist you in planning your future educational and career endeavors.

The path you have selected is just a starting point! As you find out more about **career paths** and **occupations** in them, you may decide that your strengths are best suited to a different career path

THAT'S HOW CAREER EXPLORATION IS SUPPOSED TO WORK!



EXPLORING CAREER PATHS

ON THE FOLLOWING PAGES, YOU WILL FIND INFORMATION ON SUGGESTED COURSES IN YOUR CAREER PATH OFFERED IN THE HAZELWOOD SCHOOL DISTRICT

SCHOOL -- CONNECTED TO -- CAREERS -- CONNECTED TO --LIFELONG LEARNING

Technological advances and global competition have transformed the nature of work. Tomorrow's jobs will require more knowledge, better skills, and more flexible workers than ever before. Tomorrow's workers must be prepared to change jobs and careers several times, continually updating their knowledge and skills.

The world of careers has been organized into 16 groupings of occupations called Career Clusters. The 16 Career Clusters listed below categorize the economy into related occupational and industry areas.

Career Clusters identify pathways from high schools to two- and four-year colleges, technical schools, graduate schools, apprenticeship programs and the workplace so that learners can recognize the relationship between what they 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 rigorous courses. *

[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.

[Architecture and Construction](#)

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

[Arts, A/V Technology and Communications](#)

Designing, producing, exhibiting, performing, writing, and publishing multimedia content

including visual and performing arts and design, journalism, and entertainment services.

[Business, Management and Administration](#)

Careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

[Education and Training](#)

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

[Financial and Insurance](#)

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

[Government and 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.

[Health Science](#)

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

[Hospitality and Tourism](#)

Encompassing the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

[Human Services](#)

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

[Information Technology](#)

Careers relating to the design, development, support and management of hardware, software, multimedia, and systems integration services.

[Law, Public Safety, Corrections and Security](#)

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

[Manufacturing](#)

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

[Marketing, Sales and Service](#)

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

[Science, Technology, Engineering, and Mathematics](#)

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.

[Transportation, Distribution & Logistics](#)

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

*State Careers Clusters – National Association of State Directors of Career Technical Education Consortium

Use the career pathways on the following pages to fill in your yearly choices. This form is a simple way to make sure you are progressing towards graduation and your post-secondary goals. List your grades for each class after you have passed and fill in your classes as necessary to lead you to your post-secondary goals.

HIGH SCHOOL 4-YEAR PLAN

Career Path:

Career Pathway:

GRADE 9	GRADES		GRADE 10	GRADES		GRADE 11	GRADES		GRADE 12	GRADES	
Required Courses	1st	2nd	Required Courses	1st	2nd	Required Courses	1st	2nd	Required Courses	1st	2nd
English 1			English 2			English 3			English		
Government/Civics			World History			US History					
Algebra 1			Geometry			Algebra 2			Mathematics		
Physics Concepts			Chemistry			Biology					
Health/ PE A			PE B								
Career Electives:											

Electives

1 Unit Fine Art Required for Graduation
 1 Unit of Practical Art Required for Graduation

.5 unit of Personal Finance Required for Graduation

2 units of Foreign Language are recommended (required by some schools) for College Admissions (same language) Not required for graduation

POST-SECONDARY PLANS

Write your career goal under one of these areas using the information in this book. Does your four-year high school plan lead you to this choice?

Community College/Technical School	4-year College or University	Other

Career Path: Arts & Communications

Career Cluster: Arts, A/V Technology and Communications

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

<i>*Suggested Electives</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications	*Introduction to Graphic Design & Multimedia		
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language	<i>(2 cr. required for most universities) * French *German</i>			
Career Pathways and Suggested Electives (Select a Career Pathway)				
Career Pathway – Audio and Video Technology and Film	Career Field Elective(s) *Computer Business Applications *Art Fundamentals *Drawing 1	Career Field Elective(s) *Introduction to Graphic Design & Multimedia *Computer Graphics	Career Field Elective(s) *Web Design & E-Business *Modern Media *Speech 1	Career Field Elective(s) *Speech 2 *College Prep English
Career Pathway – Visual Arts	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Desktop Publishing *Introduction to Graphic Design & Multimedia	Career Field Elective(s) *Web Design & E-Business *Fundamentals of Marketing *AP US History	Career Field Elective(s) *AP US European History *College Prep English *PreAP Literature *AP Senior English
<i>General Electives</i>				
<i>Drawing</i>	*Art Fundamentals *Drawing 1 *Printmaking	*Drawing 1 *Drawing 2 *Printmaking *Advanced Studio Drawing *Advanced Studio Printmaking	*Advanced Studio Drawing *Advanced Studio Printmaking *Independent Study in Drawing or Printmaking	*Independent Study in Drawing or Printmaking
<i>Computer Graphics</i>	*Art Fundamentals *Drawing 1	*Computer Graphics *Advanced Studio Computer Graphics	*Independent Study in Computer Graphics	*Independent Study in Computer Graphics

	<i>Painting</i>	*Art Fundamentals *Drawing 1	*Painting 1 & 2	*Advanced Studio Painting *Independent Study in Painting	*Advanced Studio in Painting
	<i>Pottery</i>	*Art Fundamentals *Pottery 1	*Pottery 2 *Advanced Studio Pottery	*Independent Study in Pottery	*Independent Study in Pottery
	3-D	*Art Fundamental *Sculpture	*Fibers *Crafts *Advanced Studio in Sculpture	*Advanced Studio in Fibers or Crafts *Independent Study in Sculpture	*Independent Study in Fibers, Crafts, or Sculpture
Career Pathway – Journalism and Broadcasting		Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Desktop Publishing *Introduction to Graphic Design & Multimedia	Career Field Elective(s) *Web Design & E-Business *Fundamentals of Marketing *AP US History *General Psychology *Journalism 1 & 2 *Modern Media *Reading/Writing Workshop	Career Field Elective(s) *Advanced Marketing 1 & 2 *Marketing Education Internship *Sociology *Journalism 3 & 4 *PreAP Literature *AP Senior English
Career Pathway – Performing Arts		Career Field Elective(s) *Mixed Choir	Career Field Elective(s) *Mixed Choir *Women's/Men's Choir *Concert Choir	Career Field Elective(s) *Women's/Men's Choir *Concert Choir *Music Theory 1 & 2 *Speech 1	Career Field Elective(s) *Women's/Men's Choir *Concert Choir *Music Theory 1 & 2 *Speech 2
	<i>Choir</i>				
	<i>Band</i>	*Cadet Band *Concert Band *Symphonic Band/Wind Ensemble	*Cadet Band *Concert Band *Symphonic Band/Wind Ensemble	*Cadet Band *Concert Band *Symphonic Band/Wind Ensemble *Music Theory 1 & 2 *Speech 1	*Cadet Band *Concert Band *Symphonic Band/Wind Ensemble *Music Theory 1 & 2 *Speech 2
	<i>Orchestra</i>	*Concert Orchestra *Symphonic Orchestra	*Concert Orchestra *Symphonic Orchestra	*Concert Orchestra *Symphonic Orchestra *Music Theory 1 & 2 *Speech 1	*Concert Orchestra *Symphonic Orchestra *Music Theory 1 & 2 *Speech 2
	<i>Theater</i>	*Acting 1 *Play Production	*Stage Design & Technology *Stage Movement	*Acting 2 *Theatre Practicum (H) *Speech 1	*Theatre Practicum (H) *Speech 2

Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Commercial Art ○ Drafting ○ Electronic Desktop Publishing ○ Graphic Communication ○ TV/Radio Broadcasting ○ Telecommunications 	<ul style="list-style-type: none"> ○ Desktop Publishing ○ Drafting ○ Graphic Design ○ Printing Technology ○ TV/Radio Broadcasting ○ Telecommunication 	<ul style="list-style-type: none"> ○ Art History ○ Education ○ Electronic Engineering ○ Fashion Design ○ Journalism ○ Music ○ Stage Management 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the job Training

Relevant High School Intra-Curricular Activities/Student Organizations
 Music performance groups – school theatre performances

Career Path: Business, Management, and Technology

Career Cluster: Business, Management and Administration

Careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations.

<i>*Suggested Electives</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language	<i>(2 cr. required for most universities)</i>			
Career Pathways and Suggested Electives (Select a Career Pathway)				
Career Pathway – Business Financial Management and Accounting	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Accounting 1 *Business Law *Business Management & Leadership *Journalism 1	Career Field Elective(s) *Accounting I *Business Law *Business Management & Leadership *Speech 1 *Creative Writing *Statistics or AP Statistics *Web Design & E-Business *Play Production	Career Field Elective(s) *Accounting 2 *Business Technology *Business Technology Internship *Speech 2 *College Prep English
Career Pathway – Human Resources	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Web Design & E-Business *Business Law *Business Management & Leadership *Journalism 1	Career Field Elective(s) *Web Design & E-Business *Business Law *Business Management & Leadership *General Psychology *Speech 1 *Creative Writing *Play Production	Career Field Elective(s) *Business Technology *Business Technology Internship *Experimental Psychology *AP Government *Speech 2 *College Prep English

<p>Career Pathway – Marketing</p>	<p>Career Field Elective(s) *Computer Business Applications</p>	<p>Career Field Elective(s) *Accounting 1 *Fundamentals of Marketing *Journalism 1 *Play Production</p>	<p>Career Field Elective(s) *Web Design & E-Business *Fundamentals of Marketing *Business Management & Leadership *Accounting 1 *Accounting 2 *General Psychology *Speech 1 *Creative Writing *Acting 1</p>	<p>Career Field Elective(s) *Accounting 2 *Advanced Marketing 1 & 2 *Marketing Education Internship *Experimental Psychology *Speech 2 *College Prep English *Acting 2</p>
<p>Career Pathway – Administration and Information Support</p>	<p>Career Field Elective(s) *Computer Business Applications *Desktop Publishing</p>	<p>Career Field Elective(s) *Accounting 1 *Introduction to Graphic Design & Multimedia *Journalism 1</p>	<p>Career Field Elective(s) *Web Design & E-Business *Business Management & Leadership *Accounting 1 *Accounting 2 *Speech 1 *Creative Writing *Play Production</p>	<p>Career Field Elective(s) *Accounting 2 *Business Technology *Business Technology Internship *Speech 2 *College Prep English</p>
<p>Career Pathway— Management</p>	<p>Career Field Elective(s) *Computer Business Applications</p>	<p>Career Field Elective(s) *Journalism 1</p>	<p>Career Field Elective(s) *Accounting 1 *Business Law *Business Management & Leadership *Fundamentals of Marketing *Web Design & E-Business *Speech 1 *Creative Writing *Play Production</p>	<p>Career Field Elective(s) *Accounting 2 *Advanced Marketing 1 & 2 *Marketing Education Internship *Speech 2 *College Prep English *Stage Design</p>

Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Accounting Services ○ Business Administration Services ○ Business Technology 	<ul style="list-style-type: none"> ○ Accounting ○ Business Administrative Systems ○ Business Systems Technology ○ Data Management ○ Management 	<ul style="list-style-type: none"> ○ Accounting ○ Business or Administrative Management ○ Business Communication ○ Business Education ○ Education ○ Entrepreneurship ○ Human Resources Management ○ International Business Management ○ Office Information Systems ○ Production and Operation Management ○ Public Affairs 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

- Future Business Leaders of America (FBLA)
- Distributive Education Clubs of America (DECA)

Career Path: Business, Management, and Technology

Career Cluster: Information Technology

Careers relating to the design, development, support and management of hardware, software, multimedia, and systems integration services.

<i>*Suggested Electives</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language <i>(2 cr. required for most universities)</i>				
Career Pathways and Suggested Electives (Select a Career Pathway)				
Career Pathway – Network Systems	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Computer Construction	Career Field Elective(s) *Web Design & E-Business *Computer Network Administration 1 & 2 *Speech 1	Career Field Elective(s) *Business Technology *Business Technology Internship *Speech 2
Career Pathway – Information Support & Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Computer Construction	Career Field Elective(s) *Business Management & Leadership *Web Design & E-Business *Modern Media *Speech 1	Career Field Elective(s) *Business Technology *Business Technology Internship *Speech 2
Career Pathway – Interactive Media	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Introduction to Graphic Design & Multimedia *Play Production	Career Field Elective(s) *Web Design & E-Business *Modern Media *Speech 1 *Stage Design	Career Field Elective(s) *Business Technology *Business Technology Internship *Speech 2

<i>Postsecondary</i>	<i>Area Career Center</i>	<i>Community College</i>	<i>College/University</i>	<i>Other</i>
Careers	<ul style="list-style-type: none"> ○ Business and Computer Technology ○ Cyber Security ○ E-Commerce and Web Services ○ Information Services ○ Network Services 	<ul style="list-style-type: none"> ○ Computer Information Systems ○ Computer Programming ○ Interactive Digital Media ○ Network Design ○ Office Technology Systems ○ Web Design 	<ul style="list-style-type: none"> ○ Computer Information Systems ○ Computer Networking ○ Computer Science ○ E-Commerce ○ Education ○ Management Information Systems 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

- Future Business Leaders of America (FBLA)
- Distributive Education Clubs of America (DECA)

Career Path: Health Sciences

Career Cluster: Health Sciences

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

*** Suggested Electives**

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History *General Psychology	*Experimental Psychology
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications	*Nutrition and Wellness		
Personal Finance (.5 cr.) Gr. 11 or 12				

Foreign Language (2 cr. required for most universities)

Career Pathways and Suggested Electives (Select a Career Pathway)

Career Pathway -- Diagnostic Services	Career Field Elective(s) *Principles of BioMedical Sciences	Career Field Elective(s) *Human Body Systems *Lifeguard Training	Career Field Elective(s) *Medical Interventions *Physiology & Anatomy *Speech 1 *Personal Fitness	Career Field Elective(s) *Health Occupations and/or *Scientific Research (10-11) *Speech 2 *College Prep English
Career Pathway -- Therapeutic Services	Career Field Elective(s)	Career Field Elective(s) *Nutrition and Wellness *Personal Fitness	Career Field Elective(s) *Child Development *Advanced Child Development *Physiology & Anatomy *General Psychology *Speech 1	Career Field Elective(s) *Health Occupations *Experimental Psychology *Speech 2 *College Prep English
Career Pathway -- Support Services	Career Field Elective(s) *Principles of BioMedical Sciences	Career Field Elective(s) *Human Body Systems *Personal Fitness *Lifeguard Training	Career Field Elective(s) *Medical Interventions *Physiology & Anatomy *General Psychology *Speech 1	Career Field Elective(s) *Health Occupations and/or *Scientific Research (10-11) *Speech 2 *College Prep English
Career Pathway -- Biotechnology Research & Development	Career Field Elective(s) *Principles of BioMedical Sciences	Career Field Elective(s) *Human Body Systems *Personal Fitness	Career Field Elective(s) *Medical Interventions *Physiology & Anatomy *Speech 1 *Outdoor Education	Career Field Elective(s) *Scientific Research (10-11) *Speech 2 *College Prep English

Career Pathway – Health Informatics	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Business Management & Leadership *Desktop Publishing	Career Field Elective(s) *Accounting I *Physiology & Anatomy *Speech 1 *Personal Fitness	Career Field Elective(s) *Business Technology *Supervised Business Technology and/or *Health Occupations *Speech 2
Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Dental Assistant ○ Emergency Medical Technician ○ Health Information Technology ○ Massage Therapy ○ Medical Laboratory Technician ○ Practical Nurse ○ Radiologic Technology ○ Surgical Technology 	<ul style="list-style-type: none"> ○ Biotechnology ○ Dental Hygienist ○ Funeral Services ○ Occupational Therapy Assistant ○ Paramedic ○ Physical Therapy Assistant ○ Registered Nurse ○ Respiratory Care 	<ul style="list-style-type: none"> ○ Athletic Trainer ○ Biologist ○ Dentist ○ Dietetics ○ Education ○ Healthcare Administration ○ Pharmacist ○ Physical Therapy ○ Physician ○ Registered Nurse ○ Social Work ○ Veterinary Science 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

Health Occupations Student Association (HOSA)

Career Path: Human Services

Career Cluster: Education and Training

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

***Suggested Electives**

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language	<i>(2 cr. required for most universities)</i>			

**Career Pathways and Suggested Electives
(Select a Career Pathway)**

Career Pathway – Administration and Administrative Support	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Child Development, Care & Guidance *Desktop Publishing	Career Field Elective(s) *Business Management & Leadership *AP US History *General Psychology *Speech 1 *Statistics or AP Statistics *Personal Fitness *Officiating	Career Field Elective(s) *AP European History *International Relations Sociology *AP Government *Speech 2 *College Prep English *PreAP Literature *AP Senior English
Career Pathway – Teaching and Training	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Child Development, Care & Guidance *Desktop Publishing *Lifeguard Training *PE C	Career Field Elective(s) *Advanced Child Development, Care & Guidance *AP US History *General Psychology *Officiating *Outdoor Education *Personal Fitness	Career Field Elective(s) *AP European History *International Relations *Sociology *AP Government *College Prep English *PreAP Literature *AP Senior English *Off Campus Instruction

Career Pathway – Professional Support Services	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Desktop Publishing *Lifeguard Training	Career Field Elective(s) *General Psychology *Outdoor Education *Personal Fitness	Career Field Elective(s) *Experimental Psychology *College Prep English *PreAP Literature *AP Senior English
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Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Child Care 	<ul style="list-style-type: none"> ○ English/Language Arts ○ Family Services and Child Development ○ Health, Physical Education & Recreation ○ History ○ Mathematics ○ Pre-Education ○ Science ○ Secondary Education 	<ul style="list-style-type: none"> ○ Career & Technical Education ○ Early Childhood Education ○ Education ○ Elementary Education ○ Health and Physical Education ○ Mathematics Education ○ Music/Vocal and Instrumental Education ○ Science Education ○ Secondary Education 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

A+ Tutoring

Career Path: Human Services

Career Cluster: Hospitality and Tourism

Encompassing the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.

Subject	9 th Grade	10 th Grade	11 th Grade	*Suggested Electives 12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Bus. Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language	<i>(2 cr. required for most universities)</i>			

Career Pathways and Suggested Electives

(Select a Career Pathway)

Career Pathway– Travel and Tourism	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Business Law	Career Field Elective(s) *AP US History *Fundamentals of Marketing *Web Design & E-Business *Modern Media *Speech 1 *Outdoor Education *Personal Fitness	Career Field Elective(s) *AP European History *Sociology *Advanced Marketing 1 & 2 *Marketing Ed Internship *Speech 2 *College Prep English
Career Pathway – Recreation, Amusement and Attractions	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Child Development, Care & Guidance *Lifeguard Training *Personal Fitness	Career Field Elective(s) *Family Living & Parenthood *General Psychology *Outdoor Education *Officiating *PE C *Business Law *Modern Media *Speech 1 *Business Management & Leadership	Career Field Elective(s) *Sociology *Experimental Psychology *Speech 2 *College Prep English

Career Pathway – Restaurant and Food and Beverage Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Nutrition and Wellness *Fundamentals of Marketing *Spanish 1 *Personal Fitness	Career Field Elective(s) *Culinary Arts I *Business Management & Leadership *Business Law *General Psychology *Modern Media *Speech 1 *Spanish 2	Career Field Elective(s) *Culinary Arts II *Advanced Marketing I & 2 *Marketing Ed Internship or *Cooperative Industrial Ed. 1 & 2 *Experimental Psychology *Sociology *Speech 2 *College Prep English
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Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Culinary Arts ○ Food Services I and II ○ Hospitality Careers I and II ○ Pro Start 	<ul style="list-style-type: none"> ○ Culinary Arts/Chef Training ○ Hotel, Motel, Restaurant Management ○ Parks, Recreation & Leisure Studies ○ Travel and Tourism Management 	<ul style="list-style-type: none"> ○ Education ○ Hospitality/ Administration Management ○ Leisure/Recreation Management ○ Restaurant and Food Service Management 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

Family, Career and Community Leaders of America (FCCLA)

Career Path: Human Services

Career Cluster: Human Services

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

**Suggested Electives*

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language	<i>(2 cr. required for most universities)</i>			

Career Pathways and Suggested Electives (Select a Career Pathway)

Career Pathway – Early Childhood Development and Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Child Development, Care & Guidance *Nutrition & Wellness *Personal Fitness	Career Field Elective(s) *Advanced Child Development, Care & Guidance *General Psychology *Reading/Writing Workshop *Speech 1	Career Field Elective(s) *Nutrition & Wellness *Experimental Psychology *Sociology *Speech 2 *College Prep English
Career Pathway – Counseling and Mental Health Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Child Development, Care & Guidance	Career Field Elective(s) *Family Living & Parenthood *General Psychology *Reading/Writing Workshop *Speech 1 *Outdoor Education	Career Field Elective(s) *Experimental Psychology *Sociology *Speech 2 *College Prep English *Personal Fitness
Career Pathway – Family and Community Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Child Development, Care & Guidance *Nutrition & Wellness	Career Field Elective(s) *Family Living & Parenthood *General Psychology *Reading/Writing Workshop *Speech 1 *Business Management & Leadership	Career Field Elective(s) *Experimental Psychology *Sociology *Speech 2 *College Prep English *Personal Fitness

Career Pathway – Personal Care Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Child Development, Care & Guidance *Personal Fitness *PE C	Career Field Elective(s) *Family Living & Parenthood *General Psychology *Reading/Writing Workshop *Speech 1	Career Field Elective(s) *Experimental Psychology *Sociology *Speech 2 *College Prep English
Career Pathway – Consumer Services	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Child Development, Care & Guidance *Lifeguard Training	Career Field Elective(s) *Family Living & Parenthood *General Psychology *Reading/Writing Workshop *Speech 1 *Outdoor Education	Career Field Elective(s) *Experimental Psychology *Sociology *Speech 2 *College Prep English *Personal Fitness

Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Early Child Care and Education ○ Cosmetology ○ Health Certifications ○ Insurance Services 	<ul style="list-style-type: none"> ○ Family Childhood Education ○ Mortuary Service ○ Psychology ○ Sociology ○ Sales & Customer Services 	<ul style="list-style-type: none"> ○ Early Childhood Education ○ Education ○ Elementary Education ○ Industrial Organizational Psychology ○ Marriage & Family Counseling ○ Social Work ○ Sociology 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

Family, Career and Community Leaders of America (FCCLA)

Career Path: Human Services

Career Cluster: Marketing, Sales and Service

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

**Suggested Electives*

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				

Foreign Language *(2 cr. required for most universities)*

Career Pathways and Suggested Electives (Select a Career Pathway)

Career Pathway – Management and Entrepreneurship	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Business Law *Accounting 1 *Journalism 1	Career Field Elective(s) *General Psychology *Web Design & E-Business *Fundamentals of Marketing *Business Management & Leadership *Accounting 1 & 2 *Speech 1 *Officiating	Career Field Elective(s) *Experimental Psychology *Sociology *Advanced Marketing 1 & 2 *Marketing Ed. Internship *Speech 2
Career Pathway – Professional Sales and Marketing	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Business Law *Accounting 1 *Journalism 1	Career Field Elective(s) *General Psychology *Web Design & E-Business *Fundamentals of Marketing *Business Management & Leadership *Accounting 1 & 2 *Speech 1	Career Field Elective(s) *Experimental Psychology *Sociology *Advanced Marketing 1 & 2 *Marketing Ed. Internship *Speech 2

Career Pathway – Buying and Merchandising	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Business Law *Accounting 1 *Journalism 1	Career Field Elective(s) *General Psychology *Web Design & E-Business *Fundamentals of Marketing *Business Management & Leadership *Accounting 1 & 2 *Speech 1 *Outdoor Education	Career Field Elective(s) *Experimental Psychology *Sociology *Advanced Marketing 1 & 2 *Marketing Ed. Internship *Speech 2 *Personal Fitness
Career Pathway – Marketing Communications and Promotion	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Business Law *Accounting 1 *Journalism 1 *Play Production	Career Field Elective(s) *General Psychology *Web Design & E-Business *Fundamentals of Marketing *Business Management & Leadership *Accounting 1 & 2 *Speech 1	Career Field Elective(s) *Experimental Psychology *Sociology *Advanced Marketing 1 & 2 *Marketing Ed. Internship *Speech 2 *Personal Fitness
Career Pathway– E-Marketing	Career Field Elective(s) *Computer Business Applications *Desktop Publishing	Career Field Elective(s) *Business Law *Accounting 1 *Journalism 1	Career Field Elective(s) *General Psychology *Web Design & E-Business *Fundamentals of Marketing *Business Management & Leadership *Accounting 1 & 2 *Speech 1	Career Field Elective(s) *Experimental Psychology *Sociology *Advanced Marketing 1 & 2 *Marketing Ed. Internship *Speech 2 *Personal Fitness

Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Fashion Merchandising ○ Marketing Management 	<ul style="list-style-type: none"> ○ Customer Service ○ Entrepreneurship ○ Marketing Management ○ Retail Management 	<ul style="list-style-type: none"> ○ Advertising ○ E-Commerce ○ Education ○ International Marketing ○ Management Information Systems ○ Marketing ○ Public Relations 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

Distributive Education Clubs of America (DECA)

Career Path: Industrial & Engineering Technology

Career Cluster: Science, Technology, Engineering, and Mathematics

Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.

**Suggested Electives*

Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)				
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				

Foreign Language (2 cr. required for most universities)

**Career Pathways and Suggested Electives
(Select a Career Pathway)**

Career Pathway –	Career Field Elective(s)	Career Field Elective(s)	Career Field Elective(s)	Career Field Elective(s)
Engineering and Technology	*Introduction to Engineering Design	*Principles of Engineering *Computer Construction *Stage Design	*Digital Electronics *Civil Engineering & Architecture *AP US History *Accounting 1 *Speech 1 *Reading/Writing Workshop	*Computer Integrated Manufacturing *Engineering Design & Development *AP Physics *Accounting 1 & 2 *AP European History *PreAP Literature *AP Senior English *Speech 2 *College Prep English

Career Pathway – Science and Mathematics	Career Field Elective(s) *Principles of BioMedical Sciences	Career Field Elective(s) *Human Body Systems *Stage Design	Career Field Elective(s) *Medical Interventions *Outdoor Education *AP Calculus *AP US History *General Psychology *Speech 1 *Reading/Writing Workshop *Accounting 1	Career Field Elective(s) *Scientific Research *Personal Fitness *Statistics *AP Physics *AP European History *Experimental Psychology *Accounting 1 & 2 *AP European History *PreAP Literature *AP Senior English *Speech 2 *College Prep English
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Postsecondary	Area Career Center	Community College	College/University	Other
Careers	<ul style="list-style-type: none"> ○ Automated Manufacturing Technology ○ Drafting and CAD ○ Electronics ○ Industrial Maintenance ○ Manufacturing Engineering Technology ○ Precision Machining 	<ul style="list-style-type: none"> ○ Biology ○ Chemistry ○ Design Engineering Technology ○ Industrial Drafting ○ Mathematics ○ Physics ○ Pre-Engineering 	<ul style="list-style-type: none"> ○ Biochemistry ○ Biology ○ Chemistry ○ Civil Engineering ○ Education ○ Management Science and Systems Analysis ○ Mathematics ○ Mechanical Engineering ○ Medical Engineering ○ Physics 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

- Technical Student Organization (Skills USA)
- Robotics Club

Career Path: Industrial & Engineering Technology

Career Cluster: Architecture and Construction

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

<i>*Suggested Electives</i>				
Subject	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English (4 cr.)	English 1	English 2	English 3	English Electives
Math (4 cr.)	Algebra I or Geometry	Geometry or Algebra 2	Algebra 2 or Pre-Calculus or Statistics	Pre-Calculus or AP Calculus or Statistics or AP Statistics
Science (3 cr.)	Physics Concepts or PreAP Physics	Chemistry or PreAP Chemistry	Biology or PreAP Biology	AP Biology or AP Chemistry
Social Studies (3 cr.)	Government/Civics	World History	US History	
PE (1 cr.) Health (.5 cr.)	PE A & Health	PE B		
Fine Arts (1 cr.)	*Art Fundamentals			
Practical Arts (1 cr.)	*Computer Business Applications			
Personal Finance (.5 cr.) Gr. 11 or 12				
Foreign Language <i>(2 cr. required for most universities)</i>				
Career Pathways and Suggested Electives (Select a Career Pathway)				
Career Pathway – Design Pre-Construction	Career Field Elective(s) *Introduction to Engineering Design *Computer Business Applications	Career Field Elective(s) *Principles of Engineering *Wood & Construction Technology *Basic Electronics Technology *Speech 1 *Stage Design	Career Field Elective(s) *Digital Electronics *Housing and Design *Advanced Wood Technology *AP US History *Speech 2	Career Field Elective(s) *Civil Engineering & Architecture *AP European History *AP Physics
Career Pathway – Construction	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Wood & Construction Technology *Stage Design	Career Field Elective(s) *Housing and Design *Advanced Wood Technology *Metal Technology	Career Field Elective(s) *Cooperative Industrial Education 1 & 2
Career Pathway – Maintenance Operations	Career Field Elective(s) *Computer Business Applications	Career Field Elective(s) *Wood & Construction Technology	Career Field Elective(s) *Housing and Design *Advanced Wood Technology *Metal Technology *Digital Electronics	Career Field Elective(s) *Cooperative Industrial Education 1 & 2 *Business Management / Leadership *Basic Electronics Technology

<i>Postsecondary</i>	<i>Area Career Center</i>	<i>Community College</i>	<i>College/University</i>	<i>Other</i>
Careers	<ul style="list-style-type: none"> ○ HVAC ○ Building Maintenance ○ Cabinetmaking ○ Carpentry ○ Construction Trades ○ Drafting CAD ○ Masonry ○ Plumbing 	<ul style="list-style-type: none"> ○ Construction Technology ○ Drafting and CAD ○ Engineering Technology ○ HVAC-R ○ Housing & Interior Design ○ Surveying 	<ul style="list-style-type: none"> ○ Architecture ○ Civil Engineering ○ Construction Management ○ Education ○ Electrical Engineering ○ Industrial Technology ○ Urban Planning 	<ul style="list-style-type: none"> ○ Apprenticeship ○ Military ○ On-the-Job Training

Relevant High School Intra-Curricular Activities/Student Organizations

- Technical Student Organization (Skills USA)