








HAVING A PURPOSE TO YOUR PLANNING: CAREER CLUSTER INFORMATION

The 16 Career Clusters

The 16 Career Clusters have been identified to help students develop a program of study with a purpose in mind. We have provided more detailed information in the pages that follow on the seven Career Clusters that have been identified as “hot” job markets in the near future. Those specific clusters have been identified here with shading. Parents, students, and counselors should have a conversation about post high school plans using this information and additional information at: www.wicareerpathways.org.

	<p>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.</p>
	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p>
	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.</p>
	<p>Business Professions: Planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Planning and services for financial and investment banking, insurance, and financial management.</p>
	<p>Planning, managing and providing education and training services, and related learning support services.</p>
	<p>Planning, services for financial and investment planning, banking, insurance, and business financial management.</p>
	<p>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.</p>
	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>
	<p>Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other facilities and services including lodging, attractions, recreation events, and travel-related service.</p>

	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>
	<p>Design, development, support, and management of hardware, software, multimedia, and systems integration services.</p>
	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
	<p>Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities.</p>
	<p>Planning, managing, and performing marketing activities to reach organizational objectives.</p>
	<p>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.</p>
	<p>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water, as well as related professional and technical support services such as logistics and facility maintenance.</p>

My top three Career Clusters of interest are:

1. _____

2. _____

3. _____



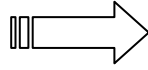
Business Professions: Planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Planning and services for financial and investment banking, insurance, and financial management.

CAREER OPTIONS:

HIGH DEMAND EXAMPLES

ENTRY SALARY

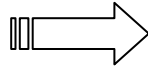
High School Diploma
On-the-Job Training and/or Minimal Experience



Clerk, Cashier, Sales Associate

\$8-10/Hour
\$16-20,800/Yr

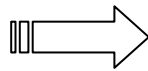
Certification
Technical College, Apprenticeship



Web Designer, HR Specialist

\$14-16/Hour
\$29-33,280/Yr

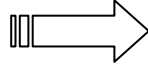
Associates Degree
Technical College



Web Developer, Appraiser

\$18-25/Hour
\$37-52,000/Yr

Bachelors, Professional Degree
Colleges/Universities



Manager, Accountant, Finance \$50,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Information Technology	*Information Technology	*Information Technology Management -Computer Science 1 -Advanced Programming	Professional Design and Publishing *AP Computer Science Principles *AP Computer Science Java	Web Design and Social Media Management *Advanced Programming
Finance & Accounting	Business Ventures	Accounting I	*Accounting II	*College Accounting
Business Marketing and Management	Business Ventures	Marketing Principles Business Communication	Business Law International Business	*Honors Entrepreneurship

Students who are interested in these career pathways are also encouraged to take the following sequence of courses in math and science. World Language (German or Spanish) is also recommended.

Subject Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Geometry	Algebra II	Pre-Calculus	*AP Calculus
Science	Biology	Chemistry	Physics	Additional Elective

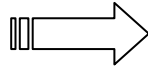
*Indicates opportunity to earn college credit with the course

CAREER OPTIONS:

HIGH DEMAND EXAMPLES

ENTRY SALARY

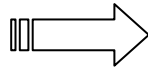
High School Diploma
On-the-Job Training and/or Minimal Experience



Child Care, Library Assistant

\$8-10/Hour
\$16-21,000/Yr

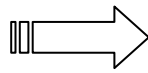
Certification
Technical College, Apprenticeship



Education Aide, Preschool

\$10-12/Hour
\$21-25,000/Yr

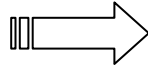
Associates Degree
Technical College



Library Tech, Early Childhood

\$12-16/Hour
\$25-33,000/Yr

Bachelors, Professional Degree
Colleges/Universities



Teacher, Psych, Tech, Library

\$40,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Information Technology	*Information Technology	*Information Technology Management -Computer Science 1 -Advanced Programming	Professional Design and Publishing *AP Computer Science Principles *AP Computer Science Java	Web Design and Social Media Management *Advanced Programming
Human Services	Introduction to Human Services	Child Development	*Assistant Childcare Teacher Relationships Introduction to Social Sciences	*Childcare Teacher Apprenticeship *AP Psychology Sociology

Students who are interested in these career pathways are encouraged to also take four years of World Language (German or Spanish).

*Indicates opportunity to earn college credit with the course



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

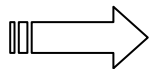


CAREER OPTIONS:

HIGH DEMAND EXAMPLES

ENTRY SALARY

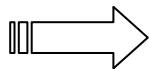
High School Diploma
On-the-Job Training and/or Minimal Experience



CNA, Food Service

\$10/Hour
\$20,800/Yr

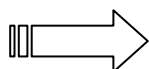
Certification
Technical College, Apprenticeship



EMT, Paramedic, CNA

\$14-16/Hour
\$29-33,200/Yr

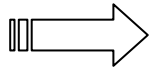
Associates Degree
Technical College



Nursing, Technician, Assistant

\$18-25/Hour
\$37-52,000/Yr

Bachelors, Professional Degree
Colleges/Universities



Therapies, Administration, Doctor \$60,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Healthcare	*Introduction to Healthcare	*Intro to Health Records	*Medical Terminology	Apprenticeship/SOE
Healthcare Administration	*Information Technology	*Healthcare Customer Relationship Management Accounting I	Business Communication *Accounting II	*Intro to Health Records

Students who are interested in these career pathways should also take the following sequence of courses in math and science.

Subject Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Geometry	Algebra II	Pre-Calculus	*AP Calculus
Science	Biology	Chemistry Anatomy & Phys.	Physics	*AP Biology *AP Chemistry

*Indicates opportunity to earn college credit with the course



Hospitality and tourism encompasses the management, marketing, and operations of restaurants and other facilities and services including lodging, attractions, recreation events, and travel-related service.



CAREER OPTIONS:		HIGH DEMAND EXAMPLES	ENTRY SALARY
High School Diploma <i>On-the-Job Training and/or Minimal Experience</i>		Server, Desk Clerk, Host	\$8-10/Hour \$16-20,800/Yr
Certification <i>Technical College, Apprenticeship</i>		Assistant Chef, Cust. Service	\$14-16/Hour \$29-33,280/Yr
Associates Degree <i>Technical College</i>		Chef, Shift Manager	\$18-25/Hour \$37-52,000/Yr
Bachelors, Professional Degree <i>Colleges/Universities</i>		Manager, Lead Chef, Finance	\$50,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Culinary Arts/Hospitality	Introduction to Foods Careers	Foods for Wellness	Regional & Foreign Foods	*Food Service *Apprenticeship/ Internship
Finance & Accounting	Business Ventures	Accounting I	*Accounting II	*College Accounting *Apprenticeship/Internship
Business Marketing and Management	Business Ventures	Marketing Principles Business Communication	Business Law International Business	*Honors Entrepreneurship *Apprenticeship/ Internship

Students who are interested in these career pathways are also encouraged to take the following sequence of courses in math and science.

Subject Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Geometry	Algebra II	Pre-Calculus	*AP Calculus
Science	Biology	Chemistry	Physics	Additional Elective

*Indicates opportunity to earn college credit with the course



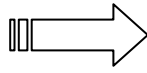
Design, development, support, and management of hardware, software, multimedia, and systems integration services.

CAREER OPTIONS:

HIGH DEMAND EXAMPLES

ENTRY SALARY

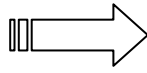
High School Diploma
On-the-Job Training and/or Minimal Experience



Entry Programmer, Clerk

\$8-10/Hour
\$16-20,800/Yr

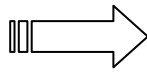
Certification
Technical College, Apprenticeship



Web Designer, Programmer

\$14-16/Hour
\$29-33,280/Yr

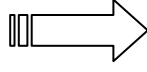
Associates Degree
Technical College



Web Developer, Technician

\$22-27/Hour
\$40-56,000/Yr

Bachelors, Professional Degree
Colleges/Universities



Engineer, Network, Program

\$65,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Information Technology	*Information Technology	*Information Technology Management -Computer Science 1 -Advanced Programming	Professional Design and Publishing *AP Computer Science Principles *AP Computer Science Java	Web Design and Social Media Management *Advanced Programming

Students who are interested in this career pathway are also encouraged to take the following sequence of courses in math and science.

Subject Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Geometry	Algebra 2	Pre-Calculus	*AP Calculus
Science	Biology	Chemistry	Physics	Additional Elective

*Indicates opportunity to earn college credit with the course



Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities.

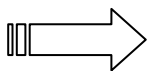


CAREER OPTIONS:

HIGH DEMAND EXAMPLES

ENTRY SALARY

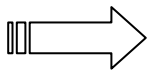
High School Diploma
On-the-Job Training and/or Minimal Experience



Entry Level Tech/Assembler

\$10/Hour
\$20,800/Yr

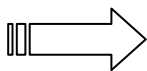
Certification
Technical College, Apprenticeship



Technician/Machinist

\$13-15/Hour
\$27-31,200/Yr

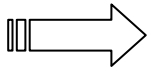
Associates Degree
Technical College



Welder/Fabricator/Machinist

\$14-17/Hour
\$29-35,360/Yr

Bachelors, Professional Degree
Colleges/Universities



Manufacturing/Material Engineer \$47,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Applied Innovation & Technology	Intro to Manufacturing & Metal	Advanced Manufacturing & Metals	Manufacturing Youth Apprenticeship	-WCTC Dual Enrollment -GPS Manufacturing -SOE -Youth Apprenticeship
	Intro to Manufacturing & Wood	Construction & Building Technology	Construction Youth Apprenticeship	-Youth Options -Independent Study
Engineering	*Introduction to Engineering	*Principles of Engineering	*Civil Engineering & Architecture *Digital Electronics	-STEM Academy Capstone -Engineering Youth Apprenticeship

Students who are interested in these career pathways should also take the following sequence of courses in math and science.

Subject Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Geometry	Algebra 2	Pre-Calculus	*AP Calculus
Science	Biology	Chemistry	Physics	Additional Elective

*Indicates opportunity to earn college credit with the course

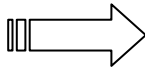
facility maintenance.

CAREER OPTIONS:

HIGH DEMAND EXAMPLES

ENTRY SALARY

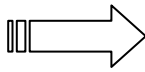
High School Diploma
On-the-Job Training and/or Minimal Experience



Warehouse/Stocking

\$10/Hour
\$20,800/Yr

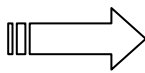
Certification
Technical College, Apprenticeship



Driver, Auto Servicing

\$13-15/Hour
\$27-31,200/Yr

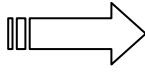
Associates Degree
Technical College



Service Manager, Technician

\$14-17/Hour
\$29-35,360/Yr

Bachelors, Professional Degree
Colleges/Universities



Logistics Engineer, Expeditor

\$47,000/Year

FOUR YEAR COURSE PLAN
Suggested Courses for the Career Pathways

Career Pathway	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Engineering	*Introduction to Engineering	*Principles of Engineering	*Civil Engineering & Architecture *Digital Electronics	-STEM Academy Capstone -Engineering Youth Apprenticeship

Students who are interested in these career pathways should also take the following sequence of courses in math and science.

Subject Area	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math	Geometry	Algebra 2	Pre-Calculus	*AP Calculus
Science	Biology	Chemistry	Physics	Additional Elective

*Indicates opportunity to earn college credit with the course