



Panther Tracks - Pathways for All Panthers

Purpose

The purpose of this document is to help teachers, advisers, students and families envision a “pathway” to reach postsecondary goals. This is also meant as a simple jumping-off point for *meaningful career conversations*.

How to use this document.

Postsecondary goals have been organized into **industry** or **career** categories. Within each of these industry or career categories is a sampling of **jobs** and **occupations**. All of these categories and sample occupations are correlated to “Top” Industries and Occupations in both the State of Colorado and our region, in particular Montezuma County.

Steps:

- 1- Have (or help) a student identify a career category
- 2- Have (or help) a student pick a sample occupation ** helpful hint- if not listed, pick closest example**
- 3- Advise students into a “pathway” of coursework that aligns with their postsecondary goals. Use the M-CHS Course Description Guide as a cross reference and for details on classes.

Example

- 1- Jane says her aunt is a nurse and it is a career she has always thought about. “Awesome. That is one of the top job prospects in both Colorado and Montezuma County.”
- 2- Go to Health and Medicine Category. Check out Nurse Occupation.
- 3- Advise Jane that this is the “pathway” of courses she should take here at M-CHS.

Top Careers and Industries/ Jobs and Occupations For Colorado and Montezuma County

Top 5 Posted Industries in Colorado	Top 5 Posted Occupations/Jobs in Colorado
#1- Operations Service Industry (industry sector that performs support services for day-to-day operations of other organizations) #2- Professional, Scientific, and Technical Services #3- Retail Trade #4 Healthcare and Social Assistance #5 Information Services	#1- Heavy Vehicle and Tractor-Trailer Truck Drivers #2- Registered Nurses #3- Software Developers, Quality Assurance Analysts and Testers #4- Retail Salespeople #5- Stockers and Order Fillers

Source: 2020 Colorado Talent Pipeline Report produced by the Colorado Workforce Development Council coworkforcecouncil.com

Largest Industries in Montezuma County	Top Growing Industries in Montezuma County
#1- Government and Public Service #2- Healthcare and Social Service #3- Retail Trade #4- Accomodation and Food Service #5- Service Industry other than Public Administration	#1- Service Industry other than Public Administration #2- Healthcare and Social Service #3- Retail Trade #4- Transportation and Warehousing #5- Educational Services #6- Agriculture, Forestry, Fishing and Hunting <i>*(Regional relevant)</i>

Top Occupations / Jobs in Montezuma County	Top Growing Occupations in Montezuma County
#1- Office and Administrative Support #2- Sales and Related #3- Food Prep and Service #4- Healthcare Practitioners and Healthcare Technical Support #5- Construction and Extraction Trades Jobs	#1- Building and Grounds Cleaning and Maintenance #2- Personal Care and Service #3- Health Practitioners and Healthcare Technical Support #4- Educational Instruction and Library #5- Transportation and Material Moving

Source: Emsi Q4 2020 Data Set www.economicmodeling.com

Careers and Industries Categories Occupation and Job Examples

Agriculture and Animal Science	Business
Sample Jobs and Occupations: Pages 5-7 <ul style="list-style-type: none"> - Agricultural Production - Animal Science (Veterinary) - Forestry / Forest Service - Fishing / Hunting and Wildlife-Management Related Jobs - Wildland FireFighter 	Sample Jobs and Occupations: Pages 7-9 <ul style="list-style-type: none"> - Business Management - Entrepreneurship - Finance - Human Resources - Marketing
Creative Industries	Education
Sample Jobs and Occupations: Pages 10-12 <ul style="list-style-type: none"> - Graphic Design - Music - Performing Arts - Photography - Visual Arts 	Sample Jobs and Occupations: Pages 13-15 <ul style="list-style-type: none"> - Administration - Counseling - School Social Work - Teacher / Professor - Teacher of Second Language
Engineering	Hospitality and Food Services
Sample Jobs and Occupations: Page 16 <ul style="list-style-type: none"> - Aerospace Engineer - Chemical Engineer - Electrical Engineer - Environmental Engineer - Technical Engineer 	Sample Jobs and Occupations: Pages 16-17 <ul style="list-style-type: none"> - Culinary Arts / Chef - Hotel and Lodging Service / Management - Food and Beverage Director - Restaurant Management - Travel Agent / Tour Guide

Healthcare	Public Safety, Service and Justice
<p>Sample Jobs and Occupations: Pages 17-19</p> <ul style="list-style-type: none"> - Doctor - Emergency Medical Technician - Nurse - Mental Health Worker - Social Worker 	<p>Sample Jobs and Occupations: Pages 19-20</p> <ul style="list-style-type: none"> - Government Employee - Corrections Officer - Lawyer - Police Officer - Security
Operations Services Industry	Retail Industry
<p>Sample Jobs and Occupations: Page 21</p> <ul style="list-style-type: none"> - Administrative Office Assistant and Support - Building and Grounds Cleaning and Maintenance - Remediation Services (Environmental Cleanup) - Waste Management 	<p>Sample Jobs and Occupations: Page 21</p> <ul style="list-style-type: none"> - Beauty Consultant - Product Delivery - Retail Management - Retail Sales and Customer Service - Stocking and Warehousing
Skilled Trade Industry	Technology Industry
<p>Sample Jobs and Occupations: Pages 22-23</p> <ul style="list-style-type: none"> - Auto Mechanic - Construction, Electrical, Plumbing - Construction Management - Heavy Vehicle and Tractor Trailer Driver - Welding 	<p>Sample Jobs and Occupations: Page 24</p> <ul style="list-style-type: none"> - Cybersecurity - IT Information Technology - Robotics - Software Design - Web Design

Industry and Occupation Pathways at MCHS

Agriculture and Animal Science Pathway

Occupation / Job Pathway- **Animal Science** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Agriculture
10	English 2	Geometry	Biology			Principles of Animal and Veterinary Science
11	English 3	Algebra 2	Science Option	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Animal Production
12	English 4	Math Option		American Government		Advanced Animal Production and Management

Agriculture and Animal Science Pathway

Occupation / Job Pathway- **Forestry, Fishing, Hunting and Wildlife Management** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Agriculture
10	English 2	Geometry	Biology			Principles of Animal and Veterinary Science
11	English 3	Algebra 2	Science Option	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Animal Production
12	English 4	Math Option		American Government		Advanced Animal Production and Management

Agriculture and Animal Science PathwayOccupation / Job Pathway- **Ranching and Farming** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or	Health .5 Credits PE .5 Credits World Language if College Bound *Possible Internship, Job Shadow or Work-Based Learning*	Intro to Agriculture
10	English 2	Vocational Geometry	Biology	Contemporary World Studies		Principles of Ag Mechanics
11	English 3	Algebra 2	Earth Science	US History		Advanced Welding Technology
12	English 4	Math Option		American Government		Metal Fabrication and Plumbing and Electrical Installation

Agriculture and Animal Science PathwayOccupation / Job Pathway- **Veterinary Medicine** *(World Language and Advanced Classes necessary for this Pathway)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	Advanced English 1	Advanced Geometry	Advanced Physical Science	World Geography or	Health .5 Credits PE .5 Credits World Language *Possible Internship, Job Shadow or Work-Based Learning*	Intro to Agriculture
10	Advanced English 2	Advanced Algebra 2	Advanced Biology	Contemporary World Studies		Principles of Animal and Veterinary Science
11	AP English 3	Pre-Calculus	Chemistry	US History		Animal Production
12	AP English 4	AP Calculus	AP Physics	American Government		Advanced Animal Production and Management

Agriculture and Animal Science Pathway

Occupation / Job Pathway- **Wildland FireFighter** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Health Services and Community ER Team
10	English 2	Geometry	Biology			Intro to Fire Science
11	English 3	Algebra 2	Science Option	US History	*Possible Internship, Job Shadow or Work-Based Learning*	PCC EMR
12	English 4			American Government		EMT and Work-Based Learning

Business Pathway

Occupation / Job Pathway- **Business Management** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Business Entrepreneurship
10	English 2	Geometry	Biology			Principles of Marketing
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning* **Concurrent Enrollment**	Business Communications
12	English 4	Statistics or Business Math		American Government		Computer Science, Internship, Work-Based Learning or PCC Courses

Business Pathway

Occupation / Job Pathway- **Entrepreneurship** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Intro to Business Entrepreneurship
10	English 2	Geometry	Biology		World Language if College Bound	Principles of Marketing
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning* **Concurrent Enrollment**	Business Communications
12	English 4	Statistics or Business Math		American Government		Computer Science, Internship, Work-Based Learning or PCC Courses

Business Pathway

Occupation / Job Pathway- **Finance** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Intro to Business
10	English 2	Geometry	Biology		World Language if College Bound	Principles of Marketing
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning* **Concurrent Enrollment**	Business Communications
12	English 4	Statistics or Business Math		American Government		Computer Science, Internship, Work-Based Learning or PCC Courses

Business Pathway

Occupation / Job Pathway- **Human Resources and Office Administration** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Intro to Business
10	English 2	Geometry	Biology		World Language if College Bound	Principles of Marketing
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning* **Concurrent Enrollment**	Business Communications
12	English 4	Statistics or Business Math		American Government		Computer Science, Internship, Work-Based Learning or PCC Courses

Business Pathway

Occupation / Job Pathway- **Marketing** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Intro to Business
10	English 2	Geometry	Biology		World Language if College Bound	Principles of Marketing
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning* **Concurrent Enrollment**	Business Communications
12	English 4	Statistics or Business Math		American Government		Computer Science, Internship, Work-Based Learning or PCC Courses

Creative Industries Pathway

Occupation / Job Pathway- **Graphic Design** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Foundation of Design
10	English 2	Geometry	Biology			Graphic Design and Illustration 1 PCC Drawing Optional: Sculpture and Jewelry Native Voices/ Native Hands Computer Science Discoveries
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Graphic Design and Illustration 2 AP Art 3 Commercial Photography or PCC Photography AP Computer Principles
12	English 4			American Government		AP Art Portfolio 4 Web Design PCC, Concurrent Enrollment

Creative Industries Pathway

Occupation / Job Pathway- **Music (Instrumental and Vocal)** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Instrumental: Adv Band all 4 yrs Jazz Band all 4 yrs Options: Percussion Ensemble Intro to Guitar Piano Class Vocal: Concert Choir all 4 yrs Chamber Choir all 4 yrs **Music Theory Senior Year**
10	English 2	Geometry	Biology			
11	English 3	Algebra 2	Earth Science	US History	World Language if College Bound	
12	English 4			American Government	<i>*Possible Internship, Job Shadow or Work-Based Learning*</i>	

Creative Industries Pathway

Occupation / Job Pathway- **Drama and Performing Arts** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Foundation of Design
10	English 2	Geometry	Biology			Intro to Theatre and Technical Theatre
11	English 3	Algebra 2	Earth Science	US History	World Language if College Bound	Filmmaking and Stage Production Management
12	English 4			American Government	<i>*Possible Internship, Job Shadow or Work-Based Learning*</i>	Work-Based Learning, Concurrent Enrollment Production and Managerial Arts

Creative Industries PathwayOccupation / Job Pathway- **Photography and Visual Arts** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Foundation of Design
10	English 2	Geometry	Biology			Graphic Design and Illustration 1 PCC Drawing Optional: Sculpture and Jewelry Native Voices/ Native Hands Computer Science Discoveries
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Graphic Design and Illustration 2 AP Art 3 Commercial Photography or PCC Photography
12	English 4			American Government		AP Art Portfolio 4 PCC, Concurrent Enrollment

Education PathwayOccupation / Job Pathway- **Education Administration** *(World Language and Advanced Classes in Area of Interest)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Business
10	English 2	Geometry	Biology			Intro to Business Student Mentor
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Concurrent Enrollment, PCC, Work-Based Learning
12	English 4			American Government		Student Aide Concurrent Enrollment, PCC, Work-Based Learning

Education PathwayOccupation / Job Pathway- **Counselor** *(World Language and Advanced Classes in Area of Interest)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Student Mentor Kidz to Kidz
10	English 2	Geometry	Biology		World Language if College Bound	Intro to Business Student Mentor
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Concurrent Enrollment, PCC, Psychology, Work-Based Learning
12	English 4			American Government		Student Aide Concurrent Enrollment, PCC, Work-Based Learning

Education PathwayOccupation / Job Pathway- **Elementary Teacher** *(World Language and Advanced Classes in Area of Interest)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Student Mentor Kidz to Kidz
10	English 2	Geometry	Biology		World Language if College Bound	Intro to Business Student Aide Student Mentor
11	English 3	Algebra 2	Science Option	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Concurrent Enrollment, PCC, Work-Based Learning
12	English 4			American Government		Student Aide Concurrent Enrollment, PCC, Work-Based Learning, Fort Lewis Teacher Program

Education Pathway

Occupation / Job Pathway- **Secondary Teacher** *(World Language and Advanced Classes in Area of Interest)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Student Mentor Kidz to Kidz
10	English 2	Geometry	Biology		World Language if College Bound	Classes Related to Area of Interest Student Mentor
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Concurrent Enrollment, PCC, Work-Based Learning
12	English 4			American Government		Student Aide Concurrent Enrollment, PCC, Work-Based Learning. Fort Lewis Teaching Program

Education Pathway

Occupation / Job Pathway- **Teacher of Second Language** *(World Language and Advanced Classes in Area of Interest)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Student Mentor Kidz to Kidz
10	English 2	Geometry	Biology		World Language if College Bound and in Area of Interest for Teaching	Student Mentor
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Concurrent Enrollment, PCC, Work-Based Learning
12	English 4			American Government		Student Aide Concurrent Enrollment, PCC, Work-Based Learning

Engineering Pathway

Occupation / Job Pathway- **Engineering (Chemical, Electrical, Environmental, Mechanical, Technical)** *(World Language and Advanced Classes in Math and Science for College)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Advanced Geometry	Advanced Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language	Academic Electives especially in Math and Science Online Classes related to area. PCC, Concurrent Enrollment, Work-Based Learning and Internships
10	English 2	Advanced Algebra	Advanced Biology			
11	English 3	Pre Calculus	Chemistry	US History		
12	English 4	AP Calculus	AP Physics	American Government		

*Possible Internship,
Job Shadow or
Work-Based Learning*

Hospitality and Food Services Pathway

Occupation / Job Pathway- **Culinary Arts (Chef)** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Culinary Essential 1 and 2
10	English 2	Geometry	Biology			World Language if College Bound
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	
12	English 4			US Government		Work-Based Learning Family and Consumer Science

Hospitality and Food Services Pathway

Occupation / Job Pathway- **Food and Beverage Director, Restaurant Management, Hotel and Travel** *(World Language and Advanced classes recommended for College Bound

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Business
10	English 2	Geometry	Biology			Principles of Marketing
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Business Communication, Business classes Online, Concurrent Enrollment, Work-Based Learning
12	English 4			US Government		

Healthcare Pathway

Occupation / Job Pathway- **Doctor** *(World Language and Advanced Classes)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	Advanced English 1	Advanced Geometry	Advanced Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language	Academic Electives especially in Math and Science Online Classes related to area. PCC, Concurrent Enrollment, Work-Based Learning and Internships
10	Advanced English 2	Advanced Algebra 2	Advanced Biology			
11	AP English 3	Pre-Calculus/Trig	Chemistry	US History	*Possible Internship, Job Shadow or Work-Based Learning*	
12	AP English 4	Calculus	AP Physics	American Government		

Healthcare PathwayOccupation / Job Pathway- **Emergency Medical Technician**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Health Services and Community ER Team
10	English 2	Geometry	Biology			PCC EMR
11	English 3	Algebra 2	Anatomy and Physiology	US History	*Possible Internship, Job Shadow or Work-Based Learning*	PCC CNA Nursing PCC Phlebotomy
12	English 4			US Government		EMT

Healthcare PathwayOccupation / Job Pathway- **Nurse** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound	Intro to Health Services and Community ER Team
10	English 2	Geometry	Biology			PCC EMR
11	English 3	Algebra 2	Chemistry	US History	*Possible Internship, Job Shadow or Work-Based Learning*	PCC CNA Nursing PCC Phlebotomy
12	English 4		Anatomy and Physiology	US Government		EMT

Healthcare Pathway

Occupation / Job Pathway- **Mental Health Worker and Social Worker** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Intro to Health Services and Community ER Team
10	English 2	Geometry	Biology		World Language if College Bound	Concurrent Enrollment, Work-Based Learning Psychology and Sociology
11	English 3	Algebra 2	Earth Science	US History		
12	English 4	Math Option		US Government	*Possible Internship, Job Shadow or Work-Based Learning*	

Public Safety, Service and Justice Pathway

Occupation / Job Pathway- **Government Employee** *(World Language and Advanced classes recommended for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Intro to Business Entrepreneurship
10	English 2	Geometry	Biology		World Language if College Bound	Principles of Marketing
11	English 3	Algebra 2	Earth Science or Science Option	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Business Communications
12	English 4	Statistics or Business Math		American Government	**Concurrent Enrollment**	Computer Science, Internship, Work-Based Learning or PCC Courses

Public Safety, Service and Justice Pathway

Occupation / Job Pathway- **Corrections Officer, Police Officer and Security**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or	Health .5 Credits PE .5 Credits World Language if College Bound	CERT
10	English 2	Geometry	Biology	Contemporary World Studies		EMR
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning* **Concurrent Enrollment**	Work-Based Learning, Concurrent Enrollment And Internships
12	English 4			American Government		

Public Safety, Service and Justice Pathway

Occupation / Job Pathway- **Lawyer** *(World Language and Advanced classes for College Bound)

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	Advanced English 1	Advanced Geometry	Advanced Physical Science	World Geography or	Health .5 Credits PE .5 Credits World Language	Advanced Academic electives
10	Advanced English 2	Advanced Algebra 2	Advanced Biology	Contemporary World Studies		Advanced Academic electives
11	AP English 3	Pre Calculus	Chemistry	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Concurrent Enrollment, Work-Based Learning, Online Courses, Internship
12	AP English 4	Statistics/ AP Calculus		AP Government		

Operations Service Industry Pathway

Occupation / Job Pathway- **Building and Grounds Cleaning and Maintenance, Waste Management, Remediation and Environmental Cleanup**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Career and Tech Focused Classes
10	English 2	Geometry	Biology			
11	English 3	Algebra 2	Earth Science	US History	World Language if College Bound	Construction 1
12	English 4			US Government		*Possible Internship, Job Shadow or Work-Based Learning*

Retail Industry Pathway

Occupation / Job Pathway- **Material and Product Delivery, Retail Sales Customer Service, Stocking and Warehousing, Beauty and Fitness Related**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	Career and Tech Focused Classes
10	English 2	Geometry	Biology			
11	English 3	Algebra 2	Earth Science	US History	World Language if College Bound	Communication Based Classes Drivers Certificate CDL Prep
12	English 4			US Government		*Possible Internship, Job Shadow or Work-Based Learning*

Skilled Trades Industry Pathway

Occupation / Job Pathway- **Auto Mechanic**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound <i>*Possible Internship, Job Shadow, Work-Based Learning*</i>	CTE Classes
10	English 2	Geometry	Biology			CTE Classes
11	English 3	Algebra 2	Earth Science	US History		Auto 1 PCC
12	English 4			US Government		Auto 2 PCC

Skilled Trades Industry Pathway

Occupation / Job Pathway- **Construction, Electrical, Plumbing etc.**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits World Language if College Bound <i>*Possible Internship, Job Shadow or Work-Based Learning*</i>	Foundations of Design
10	English 2	Geometry	Biology			Woodworking
11	English 3	Algebra 2	Earth Science	US History		Construction 1
12	English 4			US Government		Construction Systems Work-Based Learning, Internship

Skilled Trades Industry Pathway

Occupation / Job Pathway- **Heavy Vehicle and Tractor Trailer Driver**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	CTE Classes
10	English 2	Geometry	Biology			CTE Classes
11	English 3	Algebra 2	Earth Science	US History	World Language if College Bound <i>*Possible Internship, Job Shadow or Work-Based Learning*</i>	Auto 1 PCC
12	English 4			US Government		Work-Based Learning, Online Driver Prep etc.

Skilled Trades Industry Pathway

Occupation / Job Pathway- **Welding**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or Contemporary World Studies	Health .5 Credits PE .5 Credits	CTE Classes
10	English 2	Geometry	Biology			CTE Classes
11	English 3	Algebra 2	Earth Science	US History	World Language if College Bound <i>*Possible Internship, Job Shadow or Work-Based Learning*</i>	PCC Welding 1
12	English 4			US Government		PCC Welding 2

Technology Industry Pathway

Occupation / Job Pathway- **Cybersecurity, IT Information Technology, Software and Web Design**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or	Health .5 Credits PE .5 Credits	Intro to PC Applications
10	English 2	Geometry	Biology	Contemporary World Studies	World Language if College Bound	AP Computer Science Principles
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning*	Web Design
12	English 4			US Government		Concurrent Enrollment, Work-Based Learning, Internship

Technology Industry Pathway

Occupation / Job Pathway- **Robotics**

Grade	English	Math	Science	Social Studies	Additional Requirements	Career-Related Classes
9	English 1	Algebra 1	Physical Science	World Geography or	Health .5 Credits PE .5 Credits	Intro to PC Applications
10	English 2	Geometry	Biology	Contemporary World Studies	World Language if College Bound	AP Computer Science Principles
11	English 3	Algebra 2	Earth Science	US History	*Possible Internship, Job Shadow or Work-Based Learning	Online,Concurrent Enrollment,
12	English 4			US Government		Work-Based Learning