Industry Sector: Agriculture and Natural Resources

Schools: LHS, PVHS, RHS, SMHS to AHC

Career Pathway: Agriculture Science

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Ag Science 1 Earth Science Biology 9 H		Health & Ag Survey Ag Mechanics	CCR- College and Career Readiness Foreign Lang. 1 PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ Veterinary Tech $18/hr ▶ Ag & Food Sci Tech $15/hr ▶ Pest Control Worker $15/hr ▶ Ag Sales $20/hr Welder $28/hr ▶ Agronomist $35/hr Heavy Equip Operator $18/ht
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Ag Biology Chemistry	World History	Ornamental Horticulture Welding	Floral Design Foreign Lang. 2 PE	
	11	English 11-P	Geometry Algebra 2	Ag Chemistry Marine Science Advanced Integrated Science	US History	Animal Science Vitaculture	Ag Mechanics Internship Foreign Lang. 3	
		English 11AP (AP English Language and Composition)	Statistics, or PreCalculus	AP Biology Veterinary Science AP Physics			Adv. Ornamental Horticulture	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Advanced Integrated Science Botany Ag Science 3 AP Physics	American Government Ag Economics	Advanced Ornamental Horiculture Or Advanced Vitaculture	Internship	Occupations requiring a Bacc. Degree ▶ Soil & Plant Scientist $41/hr Ag Engineer $35/hr Chemists & Mat. Engineers $35/hr ▶ Veterinarian $64/hr ▶ Bio Chemist $50/hr ▶ Wildlife Biologist $45/hr ▶
	Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13	Must meet English graduation requirements	Must meet Math Graduation requirements	CHEM120 Intro.	ECON121 Bus Ec.	AG150 Ag Business AG152 Animal Sci AG157 Ag Leadershp	AG154 Fruit Sci. Internship	Industry Recognized Certifications, Veterinary Tech Food Safety Turf Grass Manager Irrigation Specialist ▶
	Year 14		MATH131 Algebra		Must meet social Studies grad. requirements	AG155 Ag Mechanics AG125 Soils/Plant Sc	HED100 Health Internship	
	Year 15							

Industry Sector: Agriculture and Natural Resources

Schools: LHS, PVHS, RHS to AHC

Career Pathway: Animal Science

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Ag Science 1 Earth Science Biology 9 H		Health & Ag Survey	CCR- College and Career Readiness Foreign Lang. 1 PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ Veterinary Tech $18/hr ▶ .Ag Worker $9/hr ▶ Fisher of Fish worker $16/hr ▶ Welder $28/hr ▶ Heavy Equip Operator $18/ht
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Ag Biology Chemistry	World History	Ornamental Horiculture	Foreign Lang. 2 PE	
	11	English 11-P English 11AP (AP English Language and Composition)	Geometry Algebra 2 Statistics, or PreCalculus	Ag Chemistry Marine Science Advanced Integrated Science AP Biology Veterinary Science AP Physics	US History	Animal Science Ag Mechanics	Foreign Lang. 3 Adv. Ornamental Horticulture Internship	
	12	English 12-P English 12AP Eng. Reading & Composition British Literature	Algebra 2 Statistics PreCalculus AP Calculus	Environmental Science Botany Ag Science 3 AP Physics	American Government Economics	Ag Economics Animal Science Adv. Ag Mechanics	Internship Ag Leadership	Occupations requiring a Bacc. Degree ▶ Veterinarian $64/hr ▶ Bio Chemist $50/hr ▶ Wildlife Biologist $45/hr ▶ Industry Recognized Certifications,
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13	Must meet English graduation requirements	Math 131	BIO100 Intro CHEM100 Intro CHEM150 General	Must meet social Studies grad. requirements	AG152 Animal Sci	Internship	
	Year 14		MATH123 Statistics	CHEM140 Organic		RVT 301-307: Vet. Tech.	RVT308 Internship	
	Year 15 (optional)							Reg. Vet. Tech. ▶ ▶

Industry Sector: Agriculture and Natural Resources

Schools: PVHS, RHS, SMHS to AHC

Career Pathway: Agriculture Welding/Mechanics

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Ag Science 1 Earth Science Biology 9 H		Health & Ag Survey Ag Mechanics	CCR- College and Career Readiness Foreign Lang. 1 PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ Veterinary Tech $18/hr ▶ Ag & Food Sci Tech $15/hr ▶ Pest Control Worker $15/hr ▶ Ag Sales $20/hr Welder $28/hr ▶ Agronomist $35/hr Heavy Equip Operator $18/ht
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Ag Biology Chemistry	World History	Ornamental Horticulture Welding 1	Floral Design Foreign Lang. 2 PE	
	11	English 11-P	Geometry Algebra 2	Ag Chemistry Advanced Integrated Science	US History	Welding 2 Vitaculture	Ag Mechanics Internship Foreign Lang. 3	
		English 11AP (AP English Language and Composition)	Statistics, or PreCalculus	AP Biology Veterinary Science AP Physics			Adv. Ornamental Horticulture	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Advanced Integrated Science Botany Ag Science 3 AP Physics	American Government Ag Economics	Advanced Ag Mechanics & Community Coop Animal Science	Ag Leadership Internship	Occupations requiring a Bacc. Degree ▶ Soil & Plant Scientist $41/hr Ag Engineer $35/hr ▶ Chemists & Mat. Engineers $35/hr ▶ Veterinarian $64/hr ▶ Bio Chemist $50/hr ▶ Wildlife Biologist $45/hr ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	AG155 Ag Mechanic WLDT106 Beg. Weld WLDT107 Adv. Weld	MT109 Mach. Tech Internship	Industry Recognized Certifications, Veterinary Tech Food Safety Turf Grass Manager Irrigation Specialist ▶ ▶
	Year 14					WLDT300 WLDT306	WLDT312, 315 WLDT330, 331 Internship	
	Year 15 (optional)							

Industry Sector: Agriculture and Natural Resources Schools: SMHS to AHC

Career Pathway: Agricultural Leadership

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	Intro to Literature	Algebra 1 Geometry Algebra 2	Ag Science 1		Health & Ag Survey Ag Mechanics	CCR- College and Career Readiness Foreign Lang. 1 PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ Veterinary Tech $18/hr ▶ Ag & Food Sci Tech $15/hr ▶ Pest Control Worker $15/hr ▶ Ag Sales $20/hr Welder $28/hr ▶ Agronomist $35/hr Heavy Equip Operator $18/ht
	10	World Literature	Algebra 1 Geometry Algebra 2	Intro to Ag Biology	World History	Feed, Fit & Show Ag Elective	Foreign Lang. 2 PE	
	11	American Literature	Geometry Algebra 2	Animal Science	US History	Feed, Fit & Show Ag Elective Ag Elective	Foreign Lang. 3 Internship/Work Experience	
	12	Senior English Ag Leadership & Communication		Environmental Science	American Government Economics	Ag Economics Adv. Ag Mechanics Ag Elective	Internship/Work Experience	Occupations requiring a Bacc. Degree ▶ ▶ Veterinarian $64/hr ▶ Bio Chemist $50/hr ▶ Wildlife Biologist $45/hr ▶ Industry Recognized Certifications, ▶ ▶ ▶ ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13		MATH135 Calc	CHEM120 Intro	ECON101 Macro	AG150 Ag Bus AG157 Ag Ldrshp AG152 Animal Sci.	Internship Work Experience	
	Year 14					AG155 Ag Mechanics AG158 Ag Economic AG125 Soil/Plant Sci	Internship Work Experience	
	Year 15 (optional)	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements			
	Year 16 (optional)							

Industry Sector: Agriculture and Natural Resources Schools: CHS, LHS to AHC

Career Pathway: Ornamental Horticulture

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H		Careers in Agri Business Or Floriculture	CCR- College and Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Landscape Worker $15/hr ▶ Floral Worker $10/hr ▶ Nursery Worker $16/hr ▶ ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History	Floriculture		
	11	English 11-P English 11AP (AP English Language and Composition)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	US History	Ornamental Horticulture Or Vitaculture	Job Shadow Internship	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Advanced Ornamental Horiculture Or Advanced Vitaculture	Work Exp./Internship	Occupations requiring a Bacc. Degree ▶ Landscape Designer Landscape Architect ▶ Landscape Manager ▶ Nursery Manager ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13		MATH131	CHEM120	BUS101: Econ	AG157, 152, 155	AG154 Work Exp./CWE	
	Year 14	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	AG156, 153, 150	HED100: Health Work Exp./CWE	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway ▶
	Year 15							

Industry Sector: Agriculture & Natural Resources

Schools: PVHS to AHC

Career Pathway: Environmental Science

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives
SECONDARY	9	English 1 (Intro to Literature)	Algebra I	Biology	N/A	Ag Science 1	Physical Education Foreign Lang. 1 Health & Ag. Survey
SECONDARY	10	English 2 (World Literature)	Geometry	Chemistry	World History or World History AP	Integrated Ag Biology	Physical Education Ornamental Horticulture Foreign Lang. 2ß
SECONDARY	11	English 3 (American Literature)	Algebra II	Earth/Physical Science	US History or US History AP	Ag Chemistry	Advanced Ornamental Horticulture Ag Mechanics 1
SECONDARY	12	English Reading & Writing Concepts or British Literature or English 4	Math Analysis, Statistics or Calculus	Physics	Government Economics	American Ag Economics	Animal Science or Art History of Floral Design Advanced Ag Mechanics Ag Leadership
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13	English 101 Speech 101 or 102 Public Spkg	Math 331 Algebra2 Or MATH141 PreCalc MATH141 PreCalc	Biology 120 Humans & Environment Biology 100 Intro.	GEO102 Human Geo. Or SOC102	ENVT 101 Intro ENVT150 HazMat General Site Worker	PE .5 units ENVT151 HazMat Site Supervisor
POSTSECONDRY	Year 14	Foreign Lang., Art, or Film		Chem. 110 or 120 EMS102 First Aid Geology 100	Political Science 103-Government	ENVT152, 153, 154, 155, 156 ENVT157, 158, 159 ENVT 160	
POSTSECONDRY	Year 15 (optional)						

Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage

Occupations Requiring Less Than a Baccalaureate Degree

- Environmental Engineering Tech- $22/hr
- Water & Waste Treatment System Operator-$21/hr
- Environmental Science & Protection Tech. $20/hr
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Occupations Requiring a Baccalaureate Degree

- Geoscientist $44/her
- Hydrologist $36/hr
- Chemist & Material Scientist $35/hr
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Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway

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Industry Sector: Business, Technology, Hospitality & Tourism Schools: SMHS, CHS, LHS to AHC

Career Pathway: Entrepreneurship & Small Business

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
								Occupations Requiring Less Than a Baccalaureate Degree
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H		Computer Applications Writing for Social Change	CCR- College and Career Readiness Keyboarding	
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History	Intro to Business Marketing Accounting		▶ Purchasing Agent $31/hr ▶ Bus. Operations Spclt $36/hr ▶ Insurance Sales Agent $33/hrs ▶ Regional Sales Manager
	11	English 11-P	Geometry Algebra 2	Chemistry Marine Science Advanced Integrated Science	US History	Entrepreneur Economics Accounting 1	Virtual Enterprise	▶ HR Assistants $21/hr
		English 11AP (AP English Language and Composition)	Statistics, or PreCalculus	AP Chemistry AP Biology Anatomy P or H AP Physics			Internship or Job Shadow	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Business Management	Marketing Internship	Occupations requiring a Bacc. Degree ▶ Financial Manager $68/hr ▶ Management $62/hr ▶ Purchasing Mgr $57/hr
	Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13					BUS102 Marketing CBOT337 Powerpoint ENTR101 Entrep Intro	BUS106 Small Bus. BUS110 Law CBOT333 Publishing	▶ ▶
	Year 14	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	BUS390 Entrep. Law BUS111 Intern. Mrkting ENTR102 Projects	ACCT100 Survey BUS107 Human Rel ENTR103 Venture	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
	Year 15 (optional)						Internship/work exp.	▶ CPA – Lic. ▶ Various Insurance & Real Est.

Industry Sector: Business & Technology, Hospitality & Tourism Schools: SMHS, LHS, CHS to AHC

Career Pathway: Business Communication & Marketing

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Biology (AGA)	N/A	Computer Applications 1 or Survey of Business	Physical Education Health Foreign Language 1
	10	English 2 (World Literature)	Geometry or IMP 2	Environmental Science Env. Sci. AP or Biology	World History or World History AP	N/A	Physical Education Foreign Language 2
	11	American Literature	Algebra II or IMP 3	Ag Chem or Chem	US History or US History AP	Integrated Marketing & English (UCCI) Acctg & Finance	AHC Partner Class Foreign Language Web Design Job Shadowing
	12	Expository Writing-ERWC)	Math Analysis or IMP 4 Or Statistics		Government	ROP Professional Business Comm. Econ & Finance	Internship AHC Partner Class Foreign Language 4
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13					BUS101 Intro BUS102 Marketing ACCT 130 Finacnce	BUS104 Org. Mgmt. BUS107 Human Rel BUS110 Law Internship/Work Exp.
	Year 14	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	BUS160 Communic. BUS302 Ess. Of Mgmt CBIS101 Comp Apps	BUS103 Advertise. BUS111 Intern. Mktg Internship/Work Exp.
	Year 15 (optional)						
	Year						

Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage

Occupations Requiring Less Than a Baccalaureate Degree

- Cashier- $12/hr
- Advertising Clerk
- Travel or Insurance Agent
- Business owner
- Customer Service Rep
- Field Marketing Rep.

Occupations Requiring a Baccalaureate Degree

- Sales Manager
- Consultant
- Marketing Managers
- Event Planner
- Hotel Manager
- Advertising Manager

Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway

- MS Office Specialist –Cert.
- CPA –Lic.
- Cust. Service & Sales – Cert.
- Various Insur. & Real Estate

Industry Sector: Finance and Business

Schools: SMHS, CHS, LHS to AHC

Career Pathway: Financial Services

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Biology	N/A	Survey of Business or Exploratory Business	Health Foreign Language 1 Physical Education
	10	English 2 (World Literature)	Geometry or IMP 2	Chemistry	World History or World History AP	Integrated Marketing & English (UCCI)	Physical Education Foreign Language 2
	11	English 3 (American Literature)	Algebra II or IMP 3	Earth/Physical Science	US History or US History AP	ROP Office Technology	AHC Partner Class Foreign Language 3 Job Shadowing
	12	English 4 (Bristish Literature or Expository Writing-ERWC)	Math Analysis or IMP 4	Physics	Government	Economics and Finance	Internship AHC Partner Class Foreign Language 4
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13					ACCT130 Financial ACCT140 Manag. ACCT150 Info Sys	BUS101 Intro CBIS101 Comp Apps Internship/Work Exp.
	Year 14	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	ACCT170 Tax BUS110 Law CBIS141 MS Excel	Internship/Work Exp
	Year 15 (optional)						
	Year 16 (optional)						

Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage

Occupations Requiring Less Than a Baccalaureate Degree

- Accounting Clerk $19/hr
- Payroll Clerk
- Customer Service Representative $16/hr
- Credit Counselor $21/hr
- Bank Teller $13/hr

Occupations Requiring a Baccalaureate Degree

- Purchasing Manager $57/hr
- General Manager $62/hr
- Public Accountant
- Financial Planner $68/ht
- Real Estate Appraiser
- Loan Officer

Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway

- Enrolled Agent
- Certified Public Accountant
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Industry Sector: Business & Technology, Hospitality & Tourism Schools: SMHS to AHC

Career Pathway: Video Game Design & Development

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Ag Sci 1 (AGA) or Biology (AGA)	N/A	Writing Games for Social Change	Physical Education Health Foreign Language 1	Occupations Requiring Less Than a Baccalaureate Degree ▶ Programming Technician ▶ App programming Technician $30/hr ▶ Multimedia & Communication Equipment Workers $35/hr ▶ ▶
	10	English 2 (World Literature)	Geometry or IMP 2	Environmental/ Env. Sci. AP Science	World History or World History AP	Integrated Marketing & English	Physical Education Foreign Language 2	
	11	English 3 (American Literature)	Algebra II or IMP 3	Chemistry	US History or US History AP	Web Design	Job Shadowing AHC Partner Class Foreign Lang. 3	
	12	English 4 Expository Writing-ERWC)	Math Analysis or IMP 4	Physics	Government	Economics & Finance	Internship AHC Partner Class Foreign Lang. 4	Occupations Requiring a Baccalaureate Degree ▶ Multimedia artist $43/hr ▶ Software Developer $40/hr ▶ Computer and Information Systems Manager $38/hr ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					ART108, 115, 120 ART122 FILM117, 127	CS111 CS112 GRPH111, 112	Industry Recognized Certifications, ▶ Animation w/Game Prog. ▶ Apple IOS Developer Certification ▶ Microsoft Certified Solutions Developer ▶
	Year 14	Must meet Grad Requirement	Must meet Grad Requirement	Must meet Grad Requirement	Must meet Grad Requirement	FILM126, 116, 118	CS181: Game Prog	
	Year 15 (optional)							

Industry Sector: Information and Communication Technologies Schools: CHS, OAHS, SMHS to AHC

Career Pathway: Software and System Development

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Ag Sci 1 (AGA) or Biology (AGA)	N/A	Computer Programming -1 Writing Games for Social Change	Physical Education Health Foreign Language 1 College & Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Network Support Specialist $32/hr ▶ Programming Technician ▶ Software Application Support Technician $25/hr ▶ Network Installer $27/hr ▶
	10	English 2 (World Literature)	Geometry or IMP 2	AG Biology (AGA) or Environmental or Marine Science	World History or World History AP	Web Design Adv. Computer Programming - 2	Physical Education Foreign Language 2	
	11	English 3 (American Literature)	Algebra II or IMP 3	Ag Chemistry or Chemistry	US History or US History AP	ROP Office Technology Computer Programming Quest-3	Job Shadowing AHC Partner Class Foreign Language 3 Internship/Work Exp.	
	12	English 4 Expository Writing Composition	Math Analysis or IMP 4 PreCalc or Calculus	Physics	Government Economics and Finance	AP Computer PC Hardware PC Networking	Internship AHC Partner Class Foreign Language 4 Internship Work Experience	Occupations Requiring a Baccalaureate Degree ▶ Comp Systems Analyst $44 ▶ Software Engineer $44/hr ▶ Network Administrator $38/h ▶ ▶
	Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13		MATH141, 181			CS111, 112	Internship Work Experience	Industry Recognized Certifications, Microsoft User Specialist Certification & Cert. Internet Web Professional
	Year 14	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	CS131, 161	Internship/Work Experience	

Industry Sector: Business & Technology, Hospitality & Tourism Schools: SMHS to AHC

Career Pathway: Computer Business Information Support and Services

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Ag Sci 1 (AGA) or Biology (AGA)	N/A	Survey of Business or Computer Applications1	Physical Education Health Foreign Language 1	Occupations Requiring Less Than a Baccalaureate Degree ▶ Administrative Assistant $19/hr ▶ Data Entry Tech $12/hr ▶ Computer Support Specialist $32/hr ▶ ▶
	10	English 2 (World Literature)	Geometry or IMP 2	AG Biology (AGA) or Environmental Science Env. Sci. AP	World History or World History AP	ROP Office Technology	Physical Education Foreign Language 2	
	11	English 3 (American Literature)	Algebra II or IMP 3	Ag Chemistry or Chemistry	US History or US History AP	Web Design	Job Shadowing AHC Partner Class Foreign Lang. 3	
	12	English 4 Expository Writing-ERWC)	Math Analysis or IMP 4 or Statistics	Physics	Government and Economics & Finance	ROP Professional Business Communication	Internship AHC Partner Class Foreign Lang. 4	Occupations Requiring a Baccalaureate Degree ▶ Computer Educator/Trainer ▶ Database Administrator ▶ Web Developer $30/hr ▶ Network Administrator $38 ▶ Computer Occupations $36
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					ACCT130 BUS101 CBIS101	EL105 CBIS141	
	Year 14	Must meet Grad. Requirements	Must meet Grad. Requirements	Must meet Grad. Requirements	Must meet Grad. Requirements	CBIS108 CBIS112 CBIS321	CBIS142	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway ▶ Microsoft User Specialist Certification ▶
	Year 15 (optional)							

Industry Sector: Business, Technology, Hospitality & Tourism

Schools: SMHS to AHC

Career Pathway: Restaurant Management & Hospitality

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Biology	N/A		Survey of Home Ec/Health	Occupations Requiring Less Than a Baccalaureate Degree ▶ Food Service Mgr. $25/hr ▶ Chef & Head Cook $23/hr ▶ Bakers $11/hr ▶ Waiters $15/hr ▶ Customer Service $14/hr Occupations Requiring a Baccalaureate Degree ▶ Event Planner $26/hr ▶ Food Scientist $25/hr ▶ Hotel Manager $49/hr ▶ ▶ Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway ▶ Nat'l Restaurant Assoc. ▶ SERVSAFE certifications ▶ ▶ ▶
	10	English 2 (World Literature)	Geometry or IMP 2	Environmental Science Env. Sci. AP	World History or World History AP	Foods A/B	Physical Education Foreign Language 2	
	11	English 3 - American Literature	Algebra II or IMP 3	Chemistry	US History or US History AP	Advanced Foods/Saints' Cafe	Job Shadowing	
	12	English 4 Expository Writing-ERWC	Math Analysis or IMP 4	Physics	Econ/Gov	Advanced Study	Internship	
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					CA118, 120, 121 CA123, 124	FCS131, FSN132 Internship/CWE	
	Year 14	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	CA125, 126, 129 CWE149 FSN109	Internship/CWE	
	Year 15 (optional)							
	Year 16 (optional)							

Industry Sector: Business & Technology Hospitality & Tourism

Schools: CHS to AHC

Career Pathway: Marine Science Tourism

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H			CCR- College and Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Tour guide $15/hr ▶ Tour operator $27/hr ▶ ▶ CA Park Ranger $20/hr ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History		Tourism (Aquarium)	
	11	English 11-P English 11AP (AP English Language and Composition)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry Marine Science Adv. Integrat. Science AP Chemistry AP Biology Anatomy P or H AP Physics	US History		Tourism	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Adv. Integrat. Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics		Tourism Aquarium Curators are also in tourism	Occupations requiring a Bacc. Degree ▶ Hotel Manager $49/hr ▶ Marine scientist $45/hr ▶ ▶ ▶
	Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13					REC101, 103 HED 100	CA119 Hospitality BUS102 Marketing	
	Year 14	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	REC105, 107 CWE149 (3 units)	REC179A: Outdoor Adventures	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway ▶ ▶ ▶ ▶ ▶
	Year 15 (optional)							
	Year 16 (optional)							

Industry Sector: Business & Technology, Hospitality & Tourism — Schools: SMHS to AHC

Career Pathway: Fashion Design, Manufacturing and Merchandising

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Biology	N/A	Foods A/B	Survey of Home Ec/Health
	10	English 2 (World Literature)	Geometry or IMP 2	Environmental Science Env. Sci. AP	World History or World History AP	Clothing and Fashion	Physical Education Foreign Language 2
	11	English 3 (American Literature)	Algebra II or IMP 3	Chemistry	US History or US History AP	Advanced Clothing and Fashion	Job Shadowing
	12	Fashion Design – 4th year	Math Analysis or IMP 4	Physics	Econ/Gov	Foods A/B Relations & Family Advanced Study	Internship
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13					ART108, 110 or 120 BUS103	FCS137 Marketing FCS138 App. Select.
	Year 14	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	FCS139-Textiles FCS140-Apparel CWE149	FCS144 Hist. Fashion Work Experience
	Year 15 (optional)						
	Year						

Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage

Occupations Requiring Less Than a Baccalaureate Degree
- Assistant Designers $23/hr
- Specialty Designer $25/hr
- Retail Sales $15+/hr
- Costume Designer $21/hr
- Purchasing Agent $24/hr

Occupations Requiring a Baccalaureate Degree
- Head Designer $32/hr
- Store Manager $30/hr
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-
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Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
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-
-

Industry Sector: Arts, Media and Entertainment Schools: Cabrillo to AHC

Career Pathway: Design, Visual and Media Arts Pathway (Digital Graphics and Publications/ Interaction Design/ Branding Design)

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 9-P	Algebra 1	Earth Science		Graphic Design	CCR- College and Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Media Equip Worker $34.84/hr ▶ Media/Comm Workers $31.55/ hr. ▶ Entry Level Designers $21.50/hr ▶ ▶
		English 9-H	Geometry Algebra 2	Biology 9 H				
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World HIstory	Design Quest or AP Graphic Communications1	Innovation: Design Thinking Innovation: 3D Prototyping	
	11	English 11-P	Geometry Algebra 2	Chemistry Marine Science Adv Integr. Science	US History	AP Graph Com. 1 or AP Graph Com 2	Innovation: Design Thinking Innovation: 3D Prototyping	
		English 11AP (AP English Lit. & Comp)	Statistics, or PreCalculus	AP Chem, Bio Anatomy P or H AP Physics				
	12	English 12-P English 12AP (AP English Lit. & Comp.)	Algebra 2 Statistics PreCalculus AP Calculus	AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	AP Graph Com. 2 or AP Graph Com 3	Innovation: Design Thinking Innovation: 3D Prototyping	Occupations requiring a Bacc. Degree ▶ Interaction Designer $65-75 K /yr ▶ Junior Designer $40K/yr ▶ Motion Graphics Designer $60 K/yr ▶ WEB Developer $58K/yr ▶ CNC Programmer $18.00 Product Designer $58K/yr
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					GRPH 110- GRPH 111/112 ART108	MMAC101, 102 ART112 Film 101 or 126	
	Year 14					GRPH 113/114 GRPH 120, 115 or 116, 117	FILM112, 120 FILM121, 123	Industry Recognized Certifications,

Industry Sector: Arts, Media & Entertainment Schools: RHS, PVHS, CHS to AHC

Career Pathway: Performing Arts & Drama Production

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives
SECONDARY	9	English 1 (Intro to Literature)	Algebra I	Biology	N/A	Intro to Art Dance, Band, Chorus Theatre Arts 1	Pathway Elective Foreign Language 1 Physical Education
	10	English 2 (World Literature)	Geometry	Chemistry	World History or World History AP	Intermediate Art Dance, Band, Chorus Music History	Pathway Elective Foreign Language 2 Physical Education
	11	English 3 (American Literature)	Algebra II	Earth/Physical Science	US History or US History AP	Painting Advanced VPA Stagecraft,Musical Theater, Film Music, Theory, Jazz Band/Choir Guitar Ballet, Folklorico	Pathway Electives Foreign Language 3
	12	Classic Film & Fiction or British Literature	Math Analysis, Statistics or Calculus	Physics	Government Economics	Advanced VPA Stagecraft,Musical Theater, Film Music, Theory, Jazz Band/Choir Guitar Ballet, Folklorico	Pathway Electives Foreign Language 1
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.							
POSTSECONDRY	Year 13					THEA110, 114, 111 THEA115, 305, 306	DRAMA118
	Year 14	Must meet Grad. Requirements	Must meet Grad. Requirements	Must meet Grad. Requirements	Must meet Grad. Requirements	THEA112, 116, 307 THEA113, 117, 308	
	Year 15						

Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage

Occupations Requiring Less Than a Baccalaureate Degree

- Electrical & Elect. Engineering Tech- $27/hr
- Actors $20/hr
- Dancers & Choreographers $16/her
-
-

Occupations Requiring a Baccalaureate Degree

- Producers & Directors - $34/hr
- Fashion Designers - $30/hr
- Set & Exhibit Designers $24/hr
-
-
- |

Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway

- Theatre Design Certificate

Industry Sector: Manufacturing & Industrial Technology

Schools: LHS, OAHS, RHS to AHC

Career Pathway: Engineering, Design & Fabrication

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H		Graphic Design or Intro to Engineering Or Intro to CAD	CCR- College and Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Machine Operator $12.71/hr ▶ Assemblers & Fabricators $13.18/ hr. ▶ CAD Operators $16.00/hr ▶ ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World HIstory	Engineering Design Mechatronics		
	11	English 11-P English 11AP (AP Eng Lang. and Composition)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry Marine Science Adv. Integ. Science AP Physics	US History	Electronics Robotics Ag Mechanics/Welding	3D Modeling & Prototyping	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Advanced CAD	Advanced Ag Mechanics/Welding	Occupations Requiring a Baccalaureate Degree. ▶ Industrial Designer $36.46/hr ▶ Mechanical Engin. $41.09/hr ▶ 3D Modeler $68.00/hr ▶ Electronics Design Engineer $71.00 ▶ CNC Programmer $18.00 Product Designer $58K/yr
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13	English 101	Minimum Algebra 2 Or Math 321 Geometry	Biology 120 Humans & Environ. Chem 120 Intro	Econ101 Macro or Econ102 Micro or Econ121 Business	MT109 Survey Machining & Manuf. Engin.Tech 100 Electronics 111/112	Internship PE .5 unit	
	Year 14	Speech 101, 102 Public Speaking	Math 123 Statistics Minimum Algebra 2 Or Math 131	Health Ed 100 Biology 100 or Chem 120 Intro	PolSci 103 Gov. Econ121 Business 102 Marketing	MT115 Lean Manu. MT112 CNC Princ 3 MT113 Solid Works	MT116 MasterCam MT300 Shop Math Internship	Industry Recognized Certifications,

Industry Sector: Manufacturing & Industrial Technology Schools: CHS, OAHS to AHC

Career Pathway: Manufacturing and Product Development Pathway

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H		Graphic Design or Intro to Engineering Or Intro to CAD	CCR- College and Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Machine Operator $12.71/hr ▶ Assemblers & Fabricators $13.18/ hr. ▶ CAD Operators $16.00/hr ▶ ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World HIstory	Design Thinking & Innovation Or Mechatronics	Graphic Communications 1	
	11	English 11-P English 11AP (AP Eng Lang. and Composition)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry Marine Science Adv. Integ. Science AP Physics	US History	3D Modeling & Prototyping Or Engineering Design	Graphic Communications 2	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Innovation: Entrepreneurship	Graphic Communications 3	Occupations Requiring a Baccalaureate Degree. ▶ Industrial Designer $36.46/hr CNC Programmer $18.00 Product Designer $58K/yr ▶ Mechanical Engin. $41.09/hr ▶ 3D Modeler $68.00/hr Electronics Design Engineer ▶ $71.00 ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					MT109 , 110, 111 MT117 Print Read.	Internship PE .5 unit	
	Year 14	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	MT115, 112, 113 MT116, 330	Work Exp/CWE	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway

Industry Sector: Manufacturing & Industrial Technology

Schools: CHS, LHS to AHC

Career Pathway: Automotive Technology

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H		Automotive Introduction	CCR- College and Career Readiness	Occupations Requiring Less Than a Baccalaureate Degree ▶ Auto Tech $17.00/hr ▶ Auto Service Tech $15.00/hr ▶ Customer Service / Parts Tech $12.00/hr ▶ Auto Service Advisor $36,000/yr/ ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History	Automotive Intro. Or Auto Quest	Innovation Design Thinking	
	11	English 11-P	Geometry Algebra 2	Chemistry Marine Science Adv Integr Science	US History	Auto Tune-up and Emissions Auto Brakes and Front End	Innovation3 D Prototyping	
		English 11AP (AP English Language and Composition)	Statistics, or PreCalculus	AP Chemistry AP Biology Anatomy P or H AP Physics		Advanced Auto	Internship/Work Experience	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Auto Tune-up and Emissions Auto Brakes and Front End	Internship/Work Experience	Occupations requiring a Bacc. Degree ▶ Automotive Engineer $69K /yr. ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					AT133, 303, 306, 313 AT314	Internship/Work Experience	▶ Industry Recognized Certifications, Licenses, ... ▶ Automotive Service Excellence ASE certification
	Year 14	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	AT341, 343, 344, 323 AT324	Internship/Work Experience	
	Year 15 (optional				For Auto Body	AB351, 353, 356, 300 AB360, 354	AT100, WLDT106 AT303	▶ ▶

Industry Sector: Manufacturing & Industrial Technology Schools: SY to AHC

Career Pathway: Robotics

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H			CCR- College and Career Readiness Drafting 1	Occupations Requiring Less Than a Baccalaureate Degree ▶ Machine Operator $12.71/hr ▶ Assemblers & Fabricators $13.18/ hr. ▶ CAD Operators $16.00/hr ▶ ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World HIstory		AP Computer Science	
	11	English 11-P English 11AP (AP Eng Lang. and Composition)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry Marine Science Adv. Integ. Science AP Physics	US History	Mechanical Design/Fabrication*	Entrepreneurship	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Marine Science Advanced Integrated Science AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	ROP FIRST Robotics*	Multimedia	Occupations Requiring a Baccalaureate Degree. ▶ Industrial Designer $36.46/hr ▶ Mechanical Engin. $41.09/hr ▶ 3D Modeler $68.00/hr ▶ Electronics Design Engineer $71.00 ▶ CNC Programmer $18.00 Product Designer $58K/yr
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13	English 101	Minimum Algebra 2 Or Math 321 Geometry	Biology 120 Humans & Environ. Chem 120 Intro	Econ101 Macro or Econ102 Micro or Econ121 Business	CS111, EL104, 118 EL119, 122, 123 EL125, 126	Internship ET100, SP128 WLDT106, 107	
	Year 14	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	Must meet Graduation Requirements	EL146 MT117, 109	ET140 Work Exp/CWE	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway
	Year							

Industry Sector: Education & Public Service

Schools: LHS, RHS to AHC

Career Pathway: Public Safety

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H			CCR- College and Career Readiness Foreign Lang. 1 PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ ▶ .Emerg Dispatch $25/hr ▶ Fire Fighter $30/hr ▶ Police Officer $35/hr ▶ Emergency Medical Tech $16/hr Corrections Officer
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology Chemistry	World History	Public Safety	First Aid & CPR Foreign Lang. 2 PE	
	11	English 11-P	Geometry Algebra 2	Chemistry Marine Science Advanced Integrated Science	US History	Emergency Response	Developmental Psychology Job Shadow Internship/Work Ex. Foreign Lang. 3	
		English 11AP (AP English Language and Composition)	Statistics, or PreCalculus	AP Biology AP Physics		Criminal Justice Occupations Patrol Procedures	PE	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Advanced Integrated Science Botany AP Physics	American Government Economics	Legal Practices Forensic Investigation Fire Protection	Foreign Language 4 Psychology PE Job Shadow Internship/Work Ex.	Occupations requiring a Bacc. Degree ▶ Forensic Scientist $30/hr Detective $37/hr Public Safety Supervisor ▶ Lawyer $68/hr ▶ Probation Officer ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					Law Enforcement Academy	EMT Academy Basic/Advanced Internship/Work Ex.	Industry Recognized Certifications,
	Year 14	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	Fire Academy	English 101 Internship/Work Ex.	
	Year 15 (optional)							EMT ▶ ▶
	Year 16							▶ ▶

Industry Sector: Education & Public Service

Schools: LHS to AHC

Career Pathway: Criminal Justice Occupations

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Geometry Algebra 2	Earth Science Biology 9 H			CCR- College and Career Readiness Foreign Lang. 1 PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ Paralegals $28/hr ▶ .Court Clerk $21/hr ▶ ▶ Police Officer ▶ Corrections Officer
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology Chemistry	World History	Public Safety	First Aid & CPR Foreign Lang. 2 PE	
	11	English 11-P	Geometry Algebra 2	Chemistry Marine Science Advanced Integrated Science	US History	Emergency Response	Internship/Work Experience Job Shadow Foreign Lang. 3	
		English 11AP (AP English Language and Composition)	Statistics, or PreCalculus	AP Biology AP Physics		Criminal Justice Occupations	PE	
	12	English 12-P English 12AP (AP English Literature and Composition)	Algebra 2 Statistics PreCalculus AP Calculus	Advanced Integrated Science Botany AP Physics	American Government Economics	Legal Practices	PE Internship/Work Experience Job Shadow	Occupations requiring a Bacc. Degree ▶ Police Captain ▶ Public Safety Supervisor ▶ Judicial Law Clerk $31/hr ▶ Lawyer $78/hr ▶ Probation Officer ▶ ▶ Industry Recognized Certifications. ▶ ▶ ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					AJ101 Intro AJ102 Crim. Proce. AJ103 Crim. Law	AJ111 Investigation AJ120 Juvenile Law Internship/Work Exp	
	Year 14	Must meet English graduation requirements	Must meet Math Graduation requirements	Must meet Science Graduation requirements	Must meet social Studies grad. requirements	AJ104 Evidence AJ105 Comm. Rel	AJ130 Corrections AJ150 Forensics Internship/Work Exp	
	Year 15 (optional)					Law Enforcement Academy		
	Year 16							

Industry Sector: Education & Public Service

Schools: SMHS to AHC

Career Pathway: Early Child Development/Education

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
SECONDARY	9	English 1 (Intro to Literature)	Algebra I or IMP 1	Biology	N/A	Foods A/B	Survey of Home Ec/Health	Occupations Requiring Less Than a Baccalaureate Degree ▶ Childcare Worker $10/hr ▶ Independent Childcare Provider $20/hr ▶ Child Site Supervisor $19/hr ▶ ▶
	10	English 2 (World Literature)	Geometry or IMP 2	Environmental Science Env. Sci. AP	World History or World History AP	Food A/B or Clothing and Fashion	Physical Education Foreign Language 2	
	11	English 3 (American Literature)	Algebra II or IMP 3	Chemistry	US History or US History AP	Relations & Family	Job Shadowing	
	12	English 4 Expository Writing	Math Analysis or IMP 4	Physics	Econ/Gov	Child Development	Internship/Careers with Children	Occupations Requiring a Baccalaureate Degree ▶ Public School teacher $30/h ▶ ▶ ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13					ECS100, 101, 102 ECS104, 105	ECS112	
	Year 14	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	Must meet English graduation requirements	ECS106, 115, 116 ECS118, 119, 122	ECS114	Industry Recognized Certifications, Licenses, or Credentials Related to This Pathway ▶ Community Care Licensing ▶ Teaching Credential ▶ ▶ ▶
	Year 15 (optional)							
	Year 16 (optional)							

Industry Sector: Health Science Technology

Schools: LHS, PVHS to AHC

Career Pathway: Medical Health Careers

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Algebra 2 Geometry	Earth Science Biology 9 H		Health/Health Communic. Wheel	CCR- College and Career Readiness Health, Food & Nutrition, PE Foreign Lang. 1	Occupations Requiring Less Than a Baccalaureate Degree ▶ Lic. Voc. Nurse/$20 hr ▶ Nurse Assist $12/hr. ▶ Personal Care Aid $10/hr. ▶ EMT $14.91/hr. ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History	Health Careers I ROP	Fitness First Aide/ CPR Foreign Lang. 2	
	11	English 11-P English 11AP (AP Eng. Lang. & Comp.)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry AP Chemistry AP Biology Anatomy P or H	US History	Health Careers II ROP	CIF PE Medical Terminology Psychology Foreign Lang. 3	
	12	English 12-P English 12AP (AP Eng. Lang. & Comp.) British Literature	Algebra 2 Math Analysis Statistics PreCalculus AP Calculus	AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Medical Terms Medical Health Careers	CIF PE Medical Health Career Internship	Occupations requiring a Bacc. Degree ▶ Nurse anesthetist, Nurse Practitioners, Nurse Midwives $46/hr. ▶ Physician Assistant $44/hr. ▶ Orthopedic Surgeon $90/hr ▶ Chiropractor $32/hr ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13	ENG101	MATH331	CHEM120 BIO128	SOC101 PSY101	PE 124: First Aid Nursing 300 CNA Or Nursing LVN	Work Exper./CWE	Industry Recognized Certifications,
	Year 14					Or Nursing RN		
	Year 15 (optional)							LVN, RN, NP, PA, MD, Etc ▶ ▶
	Year 16 (optional)							▶ ▶ ▶

Industry Sector: Health Science Technology

Schools: CHS, PVHS to AHC

Career Pathway: Sports Medicine

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Algebra 2 Geometry	Earth Science Biology 9 H		Health/Computer Applications Wheel	CCR- College and Career Readiness Health, Food & Nutrition PE	Occupations Requiring Less Than a Baccalaureate Degree ▶ Personal Trainer $15.25/ hr ▶ Massage Therapist $17.29/hr. ▶ Physical Therapist Aide $18.29/hr. ▶ EMT $14.91/hr. ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History	Health Careers I ROP	Fitness First Aide/ CPR	
	11	English 11-P English 11AP (AP Eng. Lang. & Comp.)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry AP Chemistry AP Biology Anatomy P or H	US History	Sports Medicine 1 Communication Technology Health Careers II ROP	CIF PE Medical Terminology Psychology	
	12	English 12-P English 12AP (AP Eng. Lang. & Comp.)	Algebra 2 Statistics PreCalculus AP Calculus	AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Sports Medicine 2 Sports Medicine ROP	CIF PE Sports Medicine Internship Kinesiology	Occupations requiring a Bacc. Degree ▶ Athletic Trainer $52K/yr. ▶ Exercise Physiologist $55K/yr ▶ Physical Therapist $41/hr ▶ Paramedic $60K/yr ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13			(AHC)Bio 124 Anatomy (AHC)Bio 125 Human Physiology		PE 124: First Aid Athl 104 Care/Prevention PE100: Kinesiology		Industry Recognized Certifications, PersonalTrainer Physical Therapist ▶ Athletic Trainer
	Year 14	Must meet grad. Requirements	Must meet grad. Requirements	Must meet grad. Requirements	Must meet grad. Requirements	ATHL106	HED 100: Health	
	Year 15							

Industry Sector: Health Science Technology

Schools: LHS to AHC

Career Pathway: Health Informatics/Support Services

Level	Grade	English/ Language Arts	Mathematics	Science	Social Studies	Career and Technical Education Courses	Other Required Courses or Recommended Electives	Occupations Relating to this Pathway (Multiple Exit Points) with Hourly Wage
	9	English 9-P English 9-H	Algebra 1 Algebra 2 Geometry	Earth Science Biology 9 H		Health/Health Communic. Wheel	CCR- College and Career Readiness Health, Food & Nutrition, PE Foreign Lang. 1	Occupations Requiring Less Than a Baccalaureate Degree ▶ Med. Record Clerk $19/hr ▶ Med. Coder $19/hr ▶ ▶ ▶
	10	English 10-P English 10-H	Algebra 1 Geometry Algebra 2	Biology -P Chemistry	World History	Health Careers I ROP Medical Science	Fitness First Aide/ CPR Foreign Lang. 2	
	11	English 11-P English 11AP (AP Eng. Lang. & Comp.)	Geometry Algebra 2 Statistics, or PreCalculus	Chemistry AP Chemistry AP Biology Anatomy P or H	US History	Health Careers II ROP		
	12	English 12-P English 12AP (AP Eng. Lang. & Comp.) British Literature	Algebra 2 Math Analysis Statistics PreCalculus AP Calculus	AP Chemistry AP Biology Anatomy P or H AP Physics	American Government Economics	Medical Terms ROP Medical Records	Medical Health Career Internship	Occupations requiring a Bacc. Degree ▶ Medical Services Manager $53/hr ▶ Health & Safety Eng. $46/hr ▶ Nursing Home Administrator ▶ Medical Librarian ▶ Med. Services Admin. Industry Recognized Certifications, Med. Transcriptionist Med. Records Specialist Tele-Health Technician Environmental Health Tech. ▶ Central Supply Tech ▶ ▶ ▶ ▶
Articulated Dual Credit courses may be taken or moved to the secondary level for articulation/dual credit purposes.								
POSTSECONDRY	Year 13			(AHC)Bio 124 Anatomy (AHC)Bio 125 Human Physiology		MA305 MA352 MA360 MA361	ENG514 MATH531	
	Year 14							
	Year 15 (optional)							
	Year 16 (optional)							