

**STEM Pathway Course Work: CAREER and TECHNICAL EDUCATION**

	OFFERED AT CHS (CHS Teacher or DL)						DE (Outside of CHS)
	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	
<b>Math</b> 4 Credits	Mathematics  Algebra I (8 <sup>th</sup> )		Algebra I  Geometry/ Honors  Algebra II/Honors		AP Calculus  Algebra II/Honors  College Algebra (3) COTC  Pre-Calculus (3) Zane State  Pre-Calculus (5) COTC  Calculus (3) Zane State		Intro to Statistics (3) COTC
<b>ELA</b> 4 Credits	English 7  English 8  Literature and Composition  English I (8th)		English I/ H. English 9  English II/ H. English 10		English III/ Honors English IV/Honors  AP English 11 AP English 12  Speech  Journalism  Comp I/Am Lit (3) Rhodes State Comp II/Brit Lit (3) Rhodes State  Composition I/Am Lit and II/Brit Lit (6) Zane State		Composition I (3) COTC  Composition II (3) COTC  Fund. of Commun. (3) COTC
<b>Science</b> 3 Credits	Science 7	Science 8	Physical Science/Honors  Biology/Honors  Environmental Science  Chemistry/Honors		Chemistry/Honors  Physics/Honors  AP Physics  Anatomy and Physiology (4) COTC  Physics 1 & 2 (4/4) Zane State		Intro. to Human Bio. (3) COTC  Intro. to Chemistry Principles (3) COTC  Basic Chemistry (3) COTC
<b>Social Studies</b> 3 Credits	Social Studies 7	Social Studies 8	American History/ Honors  Government Economics/Honors  Human Behavior		American Government  AP Government & Politics  AP American History  AP Psychology		Intro to Soc. (3) COTC  Cultural Diversity (3) COTC  Intro to Philosophy (3) COTC  Intro to Psychology (3) COTC

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			<p>World Languages: Spanish I - IV German I-IV</p> <p>ASL I – III (3) COTC</p> <p>Mandarin I-IV (III-IV 3) Stark State</p>	<p>Honors Ancient Cultural Studies</p> <p>US Economics and Financial Literacy</p> <p>US History (3) Zane State</p> <p>Western Civilization I (3) Belmont</p> <p>Western Civilization II (3) Belmont</p>	
<p><b>Electives and Technical Courses</b> 5 Credits</p>			<p>College and Career Readiness</p> <p>Computer Aided Design and Drawing</p> <p>Intro to Engineering Fundamentals</p> <p>Manufacturing Technology</p> <p>Construction Technology</p> <p>Tech Prep CAD</p> <p>Computer aided Design and Drawing</p> <p>Technological Design</p>	<p>CHS Career Tech (articulated credit – Zane State):</p> <p>Engineering Design</p> <p>Engineering Principles</p> <p>Manufacturing Operations</p> <p>CAD/Plan Reading</p> <p>Architecture Design</p>	<p>Digital Software Fundamentals (3) COTC</p> <p>CCCC: Tech Prep Electronics</p> <p>Metal Fabrication</p> <p>Tech Prep CAD</p>

# Coshocton City Schools

## Career Advising, Counseling and Work-based Learning Action Plan

District: Coshocton City Schools

Pathway: STEM

Grade Level	School Activities	Student Activities	Tools and Assessments	Learning Environment/ Responsibility	Timeline	Existing Resources and Resources Needed
Grade 6	College Visit	Explore college campus	Ohio Means Jobs (OMJ) -Set up account -Career Interest Inventory - Learning Style	College campus/students School Counselor/Science classes	2015-16 school year	Ohio Means Jobs K-12 Community Connector Grant funds Existing OACHE funds Connect with local HR  AEP contact
	Career Day-local	Explore local career opportunities		AEP		
	AEP Earth Day	Learn about jobs & activities related to local industry		School Counselors/ college reps/ school		
	College Credit Plus (CCP) Meeting					
Grade 7	Career Day	Update OMJ with reflection of career activities	Ohio Means Jobs -Pathway goals -Career Interest	Coshocton Cares (CC) 7 <sup>th</sup> grade staff School Counselors/ college reps/ school	2015-16 school year	Coshocton Cares OMJ K-12 Community Connectors Grant-Community Mentors
	CCP Meeting	Develop career-specific questions for community members in career fields				
Grade 8	Career Center visit	Scheduling One-on-one Career Advising	Ohio Means Jobs -Update pathway goals -Career Interest -Career Profile	Career Center  School Counselors/ CC/ 8 <sup>th</sup> grade staff College & Career Readiness class School	2015-16 school year	Coshocton Cares OMJ K-12 Community Mentors Career Center Ambassadors
	Career Day CCP Meeting					

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<b>Grade 9</b>	College College campus tours CCP Meeting Volunteer Fair	End of Course exams (EOC)	Ohio Means Jobs -Update pathway goals -Career Interest -Learning Style -Strengths & Skills	CC Classroom teachers  School		Coshocton Cares OMJ K-12
<b>Grade 10</b>	Career Center Hands-On  College Fair CCP Meeting Volunteer Fair Coshocton Career Center "Spin Night" PSAT Testing	EOC ACT prep/testing	Ohio Means Jobs -Update pathway goals -Career Profile	Career Center School Counselors		Coshocton Cares OMJ K-12
<b>Grade 11</b>	College Fair  College Campus tours  CCP Meeting Volunteer Fair College Financial Aid Workshop	Work with counselor through College 101 sessions Classroom lessons re: career & college advising ACT prep/testing EOC PSAT testing ASVAB test	Ohio Means Jobs -Update pathway goals -Interest Inventory			Coshocton Cares OMJ K-12  Military reps
<b>Grade 12</b>	College Fair  College Application Day	Classroom lessons re: career & college advising		Coshocton Cares/ School Counselors/ school computer lab		Coshocton Cares OMJ K-12 Financial advisors

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	Real Money/ Real World activity CCP Meeting Volunteer Fair College Financial Aid Workshop	ACT prep/testing EOC				
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