

Coshocton Opportunity School

STEM Pathway Course Work: CAREER and TECHNICAL EDUCATION 2017-18

| GRADE(S): | | | 9 | 10 | 11 | 12 | POSTSECONDARY |
|----------------|--|--|--------------------|----|--------------------|--------------------|----------------------------------|
| Math | | | ALGEBRA I | | ALGEBRA (3) | | |
| | | | GEOMETRY | | ALGEBRA II (4) | | |
| | | | ALGEBRA II | | Integratcd Math 4 | | MATH 140 Intro to Statistics (3) |
| | | | | | Collcgc Algcbra | | MATH 210 Calc II(5) |
| | | | | | Trigonmctry | | |
| | | | | | Calculus I | | |
| | | | | | Calculus II | | |
| ELA | | | ENGLISH I | | ENGLISH III | ENGLISH IV | |
| | | | ENGLISH II | | English Litcraturc | English Litcraturc | |
| | | | English Litcraturc | | | | COMP I (COTC 3) |
| | | | | | | | COMP II (COTC 3) |
| Science | | | PHYSICAL SCIENCE | | Earth and Space | | |
| | | | BIOLOGY | | Chemistry | | |
| | | | | | Physics | | |
| Social Studies | | | AMERICAN HISTORY | | World Gcography | | Economics/ |
| | | | GOVERNMENT | | World History | | Microeconomics (3) |
| | | | | | Economics | | |
| | | | | | Anthropology | | |
| | | | | | Psychology | | |
| | | | | | Sociology | | |

Revised 8-9-17

| Electives | | | Life Skills JOE | Life Skills Art | Life Skills JOE Relationship Nutrition Art | |
|-----------|--|--|--|---|--|--|
| | | | Art Anthropology Career Essentials Lifetime fitness | JOE Parenting Skills Nutrition Career Essentials Health Humanities I Personal finance | Humanities II | ARCH-110 CAD Fundamentals ENGR-106 Computer Applications for Engineering Technologies ENGR-100 Introduction to Engineering Technologies ARCH-135 Technical Drawing MECH-110 Mechanical Systems MECH-162 Instrumentation & Measurement |

Revised 8-9-17

| Grade Level | School Activities | Student Activities | Tools and Assessments | Learning Environment/ Responsibility | Timeline | Existing Resources and Resources Needed |
|----------------|--|---------------------------|--|---|----------|---|
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| Grade 9 | 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 |

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|------------------------|---|--|--|--|--|--|
| <p>Grade 10</p> | <p>Career Center Hands-On College Fair CCP Meeting Volunteer Fair Coshocton Career Center "Spin Night" PSAT Testing</p> | <p>EOC ACT prep/testing</p> | <p>Ohio Means Jobs -Update pathway goals -Career Profile</p> | <p>Career Center School Counselors</p> | | <p>Coshocton Cares OMJ K-12</p> |
| <p>Grade 11</p> | <p>College Fair College Campus tours CCP Meeting Volunteer Fair College Financial Aid Workshop</p> | <p>Work with counselor through College 101 sessions Classroom lessons re: career & college advising ACT prep/testing EOC PSAT testing ASVAB test</p> | <p>Ohio Means Jobs -Update pathway goals -Interest Inventory</p> | | | <p>Coshocton Cares OMJ K-12 Military reps</p> |
| <p>Grade 12</p> | <p>College Fair College Application Day Real Money/ Real World activity CCP Meeting</p> | <p>Classroom lessons re: career & college advising ACT prep/testing EOC</p> | | <p>Coshocton Cares/ School Counselors/ school computer lab</p> | | <p>Coshocton Cares OMJ K-12 Financial advisors</p> |

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