Media Arts & Technology
Rossview High School

Academies of CMCSS

DIGITAL ARTS AND DESIGN

Digital Arts and Design I
Digital Arts and Design II
Digital Arts and Design III
Career Practicum

9th

English I
Algebra I
Physical Science
World History
Digital Arts and Design I
Lifetime Wellness
Freshman Focus

10th

English II
Geometry
Biology
Digital Arts and Design II
Foreign Language I
Government/PE
Fine Art

11th

English III
Algebra II
Chemistry
U.S. History
Foreign Language II
*** Digital Arts and Design III***
Elective

12th

English IV
Senior Math
Personal Finance/Economics
Career Practicum
Electives (3)

For more information, visit **http://www.cmcss.net/academies**

When available, students who qualify may opt to take honors, AP, dual enrollment or dual credit classes rather than the general education courses listed in the pathways above. Students may substitute three years of JROTC for wellness, PE, and Government credits.

Health Science
Northwest High School

Academies of CMCSS

NURSING SERVICES

Health Science Education
Anatomy and Physiology
Medical Therapeutics
Nursing Ed or Work-Based Learning

9th

English I
Algebra I
Physical Science
World History
Health Science Education
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
Anatomy and Physiology
Government/PE
Fine Arts

11th

English III
Algebra II
Chemistry
US History
Medical Therapeutics
Foreign Language II
Elective

12th

English IV
Senior math
Economics/Personal Finance
Nursing Ed or Work-Based Learning
Electives (3)

THERAPUTIC SERVICES

Health Science Education
Anatomy and Physiology
Medical Therapeutics
Clinical Internship or Work-Based Learning

9th

English I
Algebra I
Physical Science
World History
Health Science Education
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
Anatomy and Physiology
Government/PE
Fine Arts

11th

English III
Algebra II
Chemistry
US History
Medical Therapeutics
Foreign Language II
Elective

12th

English IV
Senior math
Economics/Personal Finance
Clinical Internship or Work-Based Learning
Electives (3)

EMERGENCY SERVICES

Health Science Education
Anatomy and Physiology
Medical Therapeutics
Emergency Medical Services Practicum or Work-Based Learning

9th

English I
Algebra I
Physical Science
World History
Health Science Education
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
Anatomy and Physiology
Government/PE
Fine Arts

11th

English III
Algebra II
Chemistry
US History
Medical Therapeutics
Foreign Language II
Elective

12th

English IV
Senior math
Economics/ Personal Finance
***Emergency Medical Services Practicum or Work-Based Learning**
Electives (3)

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Computer Information Technology
Northeast High School

Academies of CMCSS

TECHNOLOGY

Principles of Engineering & Technology
Digital Electronics
Robotics & Automated Systems
Dual Enrollment or Career Practicum

9th

English I
Algebra I
Physical Science
World History
Principles of Engineering & Technology
Lifetime Wellness or JROTC I
Elective

10th

English II
Geometry
Biology
Foreign Language I
Government/PE or JROTC II
Digital Electronics
Fine Art

11th

English III
Algebra II
Chemistry
US History
Foreign Language II
Robotics & Automated Systems
Elective or JROTC III

12th

English IV
Senior Math
Personal Finance /Econ
Dual Enrollment or Career Practicum
Electives (3)

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Plant & Animal Systems
Montgomery Central High School

Academies of CMCSS

VETERINARY & ANIMAL SCIENCE

Agriscience
Small Animal Science
Large Animal Science
Veterinary Science

9th

English I
Algebra I
Physical Science
World History
Agriscience
Lifetime Wellness or JROTC I
Elective

10th

English II
Geometry
Biology
Foreign Language I
Government/ PE or JROTC II
ACT Prep
Small Animal Science

11th

English III
Algebra II
Chemistry
U.S. History
Foreign Language II
Elective
Large Animal Science

12th

English IV
Senior Math
Personal Finance/Economics
Veterinary Science
Electives (3)

HORTICULTURE PRODUCTION

Agriscience
Principles of Plant Science and Hydroculture
Greenhouse Management
Landscaping and Turf Science

9th

English I
Algebra I
Physical Science
World History
Agriscience
Lifetime Wellness or JROTC I
Elective

10th

English II
Geometry
Biology
Foreign Language I
Government/ PE or JROTC II
ACT Prep
Principles of Plant & Hydroculture Science

11th

English III
Algebra II
Chemistry
US History
Foreign Language II
Elective
Greenhouse Management

12th

English IV
Senior Math
Personal Finance/Economics
Landscaping and Turf Science
Electives (3)

For more information, visit **http://www.cmcss.net/academies**

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Business & Finance
Clarksville High School

Academies of CMCSS

BUSINESS MANAGEMENT

Introduction to Business & Marketing
Business Communications
Business Management
Business and Entrepreneurship or Career Practicum

9th

English I
Algebra I
Physical Science
World History
Intro to Business & Marketing
Fine Art
Lifetime Wellness

10th

English II
Geometry
Biology
Spanish I
Business Communications
PE/Elective or Sports PE
Government & Personal Finance

11th

English III
Algebra II
Chemistry
US History
Business Management, Career Practicum, or UTM Dual Enrollment
Spanish II
ACT Prep/Elective

12th

English IV
Senior Math
Economics/Elective
Business and Entrepreneurship, Career Practicum, or UTM Dual Enrollment
Electives (3)

BANKING AND FINANCE

Introduction to Business & Marketing
Accounting I
Banking and Finance
Financial Planning or Career Practicum

9th

English I
Algebra I
Physical Science
World History
Intro to Business & Marketing
Fine Art
Lifetime Wellness

10th

English II
Geometry
Biology
Spanish I
Accounting I
PE/Elective or Sports PE
Government & Personal Finance

11th

English III
Algebra II
Chemistry
US History
Banking and Finance, Career Practicum, or UTM Dual Enrollment
Spanish II
ACT Prep/Elective

12th

English IV
Senior Math
Economics/Elective
Financial Planning, Career Practicum, or UTM Dual Enrollment
Electives (3)

For more information, visit **http://www.cmcss.net/academies**

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Science, Technology, Engineering, & Math
Kenwood High School

Academies of CMCSS

STEM EDUCATION

STEM I Foundation
STEM II Applications
STEM III STEM in Context
STEM Practicum

9th

English I
Geometry or Algebra I
Biology or Physical Science
World History
STEM I Foundation
Lifetime Wellness
Fine Art

10th

English II
Algebra II or Geometry
Chemistry or Biology
Foreign Language I
STEM II Applications
Government & PE I
Elective

11th

English III or AP Language
Pre-Calculus or Algebra II
Physics or Chemistry
US History
STEM III: STEM in Context
Foreign Language II
Elective

12th

English IV or AP Literature
Upper Level Math
Upper Level Science
Economics/Personal Finance
STEM IV Practicum
Electives (2)

MECHATRONICS

STEM I Foundation
STEM II Applications
Mechatronics I
Mechatronics II

9th

English I
Geometry or Algebra I
Biology or Physical Science
World History
STEM I Foundation
Lifetime Wellness
Fine Art

10th

English II
Algebra II or Geometry
Chemistry or Biology
Foreign Language I
STEM II Applications
Government & PE I
Elective

11th

English III or AP Language
Pre-Calculus or Algebra II
Physics, DE Biology, or Chemistry
US History
Mechatronics I (2)
Foreign Language II

12th

English IV or AP Literature
Upper Level Math
Upper Level Science
Economics/Personal Finance
Mechatronics II (2)
Elective

For more information, visit **http://www.cmcss.net/academies**

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Criminal Justice & Homeland Security
West Creek High School

Teaching & Learning
West Creek High School

Academies of CMCSS

CRIMINAL JUSTICE & CORRECTION SERVICES

Criminal Justice I
Criminal Justice II
Criminal Justice III
Criminal Justice Practicum or
Unmanned Aircraft for Law Enforement

9th

English I
Algebra I
Physical Science
World History
****Criminal Justice I***
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
****Criminal Justice II***
Government/PE I
Elective

11th

English III
Algebra II
Chemistry
U.S. History
****Criminal Justice III***
Foreign Language II
Elective

12th

English IV
Senior Math
Personal Finance/Economics
****Criminal Justice Practicum or Unmanned Aircraft for Law Enforement***
Electives (3)

TEACHING AS A PROFESSION K-12

Teaching as a Profession I
Teaching as a Profession II
Teaching as a Profession Practicum
Work-Based Learning or Dual Enrollment

9th

English I
Algebra I
Physical Science
World History
****Teaching as a Profession I***
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
****Teaching as a Profession II***
Government/PE I
Elective

11th

English III
Algebra II
Chemistry
U.S. History
****Teaching as a Profession Practicum***
Foreign Language II
Elective

12th

English IV
Senior Math
Personal Finance/Economics
****Work-Based Learning or Dual Enrollment***
Electives (3)

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When available, students who qualify may opt to take honors, AP, dual enrollment or dual credit classes rather than the general education courses listed in the pathways above. Students may substitute three years of JROTC for wellness, PE, and Government credits.

Criminal Justice & Homeland Security
West Creek High School

Academies of CMCSS

Criminal Justice & Correction Services

Criminal Justice I
Criminal Justice II
Criminal Justice III
Criminal Justice Practicum or
Unmanned Aircraft for Law

9th

English I
Algebra I
Physical Science
World History
Criminal Justice I
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
Criminal Justice II
Government/PE I
Elective

11th

English III
Algebra II
Chemistry
U.S. History
Criminal Justice III
Foreign Language II
Elective

12th

English IV
Senior Math
Personal Finance/Economics
Criminal Justice Practicum or Unmanned Aircraft for Law
Electives (3)

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Teaching & Learning
West Creek High School

Academies of CMCSS

TEACHING AS A PROFESSION K-12

Teaching as a Profession I
Teaching as a Profession II
Teaching as a Profession Practicum
Work-Based Learning or
Dual Enrollment

9th

English I
Algebra I
Physical Science
World History
Teaching as a Profession I
Lifetime Wellness
Elective

10th

English II
Geometry
Biology
Foreign Language I
***Teaching as a Profession II**
Government/PE I
Elective

11th

English III
Algebra II
Chemistry
U.S. History
Teaching as a Profession Practicum
Foreign Language II
Elective

12th

English IV
Senior Math
Personal Finance/Economics
Work-Based Learning or Dual Enrollment
Electives (3)

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