



DIGITAL ARTS & 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

11th

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

10th

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

12th

English IV
Senior Math
Economics/Personal Finance
**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.



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
U.S. 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
U.S. 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
U.S. 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)

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.



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
Fine Arts

11th

English III
Algebra II
Chemistry
U.S. History
Foreign Language II
**Robotics & Automated Systems*
Elective

10th

English II
Geometry
Biology
Foreign Language I
Government/PE
**Digital Electronics*
Elective

12th

English IV
Senior Math
Economics/Personal Finance
**Dual Enrollment or
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.

VETERINARY & ANIMAL SCIENCE

Agriscience
 Small Animal Science
 Large Animal Science
 Veterinary Science

9th

English I
 Algebra I
 Physical Science
 World History
 *Agriscience
 Lifetime Wellness
 Elective

10th

English II
 Geometry
 Biology
 Foreign Language I
 Government/PE
 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
 Economics/Personal Finance
 *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
 Elective

10th

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

11th

English III
 Algebra II
 Chemistry
 U.S. History
 Foreign Language II
 Elective
 *Greenhouse Management

12th

English IV
 Senior Math
 Economics/Personal Finance
 *Landscaping and Turf Science
 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.

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 Arts
 Lifetime Wellness

10th

English II
 Geometry
 Biology
 Spanish I
**Business Communications*
 Government/PE
 Personal Finance/Elective

11th

English III
 Algebra II
 Chemistry
 U.S. 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)

MARKETING MANAGEMENT

Introduction to Business & Marketing
 Marketing & Management I
 Marketing & Management II
 Event Planning & Management

9th

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

10th

English II
 Geometry
 Biology
 Spanish I
**Marketing & Management I*
 Government/PE
 Personal Finance/Elective

11th

English III
 Algebra II
 Chemistry
 U.S. History
**Marketing & Management II, or
 UTM Dual Enrollment*
 Spanish II
 ACT Prep/Elective

12th

English IV
 Senior Math
 Economics/Elective
**Event Planning, Career Practicum, or
 UTM Dual Enrollment*
 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.



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
Elective

11th

English III or AP Language
Pre-Calculus or Algebra II
Physics or Chemistry
U.S. History
**STEM III: STEM in Context*
Foreign Language II
Elective

12th

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

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.



LAW & CRIMINAL JUSTICE

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

11th

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

10th

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

12th

English IV
Senior Math
Economics/Personal Finance
**Criminal Justice Practicum or
Unmanned Aircraft for Law*
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.



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
Elective

11th

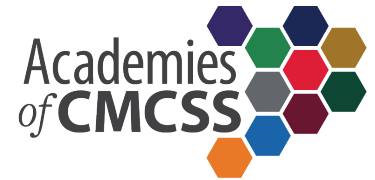
English III
Algebra II
Chemistry
U.S. History
**Teaching as a Profession Practicum*
Foreign Language II
Elective

12th

English IV
Senior Math
Economics/Personal Finance
**Work-Based Learning or Dual Enrollment*
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.



DISTRIBUTION & LOGISTICS

Marketing and Management I: Principles

Foundations of Supply Chain Management

Supply Chain Management I: Warehousing and Distribution

Supply Chain Management II: Management and Logistics or Work-Based Learning

9th

English I
Algebra I
Physical Science
World History
Lifetime Wellness
**Marketing and Management I: Principles*
Fine Arts

10th

English II
Geometry
Biology
Foreign Language I
Government/PE
**Foundations of Supply Chain Management*
Elective

11th

English III
Algebra II
Chemistry
Foreign Language II
U.S. History
**Supply Chain Management I: Warehousing and Distribution*
Elective

12th

English IV
Senior Math
Economics/Personal Finance
**Supply Chain Management II: Management and Logistics or Work-Based Learning*
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.



CODING & APP DEVELOPMENT

Computer Science Foundations

Coding 1

Mobile App Development

Coding Practicum

9th

English I
Algebra I
Physical Science
World History
Lifetime Wellness
**Computer Science Foundations*

11th

English III
Algebra II
Chemistry
U.S. History
Spanish II
**Mobile App Development*

10th

English II
Geometry
Biology
Government/PE
Spanish I
**Coding I*

12th

English IV
Senior Math
Economics/Personal Finance
Fine Arts
Elective
**Coding Practicum*

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.