

METCALFE COUNTY HIGH SCHOOL



COURSE CATALOG



- Minimum of 22 credits to graduate
- Plus the following
 - Pass state-mandated Civics test
 - Complete a course in Digital and **Financial Literacy**
 - Individual Learning Plan



Kentucky Minimum Requirements for High School Graduation

704 KAR 3:305 establishes the minimum requirements for high school graduation for Kentucky public schools. To receive a high school diploma, each student in a public school must earn a minimum of 22 credits for high school graduation. • 10 foundational credits - aligned to the content contained in the <i>Kentucky Academic Standards</i> • 12 personalized credits - aligned to the content contained in the <i>Kentucky Academic Standards</i> and the student's Individual Learning Plan (ILP)					
	English	Math	Social Studies	Science	Additional Requirements
Foundational Credits	• English I • English II	• Algebra I • Geometry	• Social Studies credit • Social Studies credit	• Science - lab-based credit • Science - lab-based credit	• Health - half credit • Physical education - half credit • Visual/Performing Arts - one credit • Civics Literacy requirement • Demonstration of performance-based competency in technology • Elective credit - Financial Literacy** • Elective credit • Elective credit • Elective credit • Elective credit • Elective credit
Personalized Credits	• English credit • English credit	• Math credit • Math credit	• Social Studies credit	• Science credit	

*House Bill (HB) 535 (2024) amended KRS 158.141 to require, beginning with students entering grade 9 in the 2025-2026 academic year, the successful completion of a one-half (1/2) credit course in civics literacy or a civics test in order to graduate with a regular diploma from a Kentucky public high school.

**HB 342 (2025) amended KRS 158.141 to require, beginning with students entering grade 9 on or after July 1, 2025, successful completion of a one-credit course in financial literacy. Students who entered grade 9 prior to June 30, 2025, are not required to complete a full credit elective course but must successfully complete one or more courses or programs that meet the Kentucky Academic Standards for Financial Literacy.

Resources:

- [Advanced Coursework](#)
 - [Career and Technical Education \(CTE\)](#)
 - [Civic Literacy Requirement Guidance Document](#)
 - [Dual Credit](#)
 - [Early Graduation Program](#)
 - [Financial Literacy Elective Course Code Guidance Document](#)
- [Individual Learning Plan \(ILP\)](#)
 - [Kentucky Academic Standards \(KAS\)](#)
 - [Minimum High School Graduation Requirements Webpage](#) and [FAQ](#)
 - [Performance-Based Credit](#)
 - [Postsecondary Readiness](#)
 - [Searchable State Course Code Database](#)

Updated July 2025



Metcalfe County High School

Mission

"At MCHS we will prepare every student for a successful future, providing personalized learning in a safe and caring environment."

Grading Policy

A-90-100

B-80-89

C-70-79

D-60-69

F-0-59

Homework/Classwork 30% Formative Assessments 30% Summative Assessments 40%

AP/APP/Dual credit are weighted to account for difficulty level of class

AP/DC-6 points

APP-2 points

Foreign Language-2 Points

Late Work Policy:

- No extended time for daily work if a student does not finish work in the class period due to lack of effort with 0 assigned to the grade.
- If a student is engaged and requests more time or the teacher sees there are extenuating circumstances, extended time will be given without penalty.
- Any late work will need to be submitted one week before the end of the grading period OR one week before progress reports are finalized. Late work will not be accepted beyond 4 weeks late unless circumstances are extenuating.
- Classroom teacher determines credit given for assignments turned in late.
- Semester tests, Unit Tests, and finals will be calculated into the summative assessment category.
- Mastery Assessments (short assessments) and quizzes will be included in the Formative assessment category.

MCHS

9th Grade Course Offerings

English	Math	Science	Social Studies
English I	Algebra I	Integrated Science	Integrated Social studies
APP English I	Geometry	APP Integrated Science	APP Integrated social studies
Health and PE			
All 9th Grade students are required to take this course to meet graduation requirements			
Electives			
Computer Apps & Literacy	Principals of Health	Humanities	Basic Art
Computer thinking (game design)	FACS Essentials	Intro to Media Production	Band
	Agriscience	Spanish I	

Information

- 6 Period Days
- Students will have 5 core classes and 1 elective
- Zero schedule changes will be allowed, so choose wisely

MCHS

10th Grade Course Offerings

English	Math	Science	Social Studies
English II	Geometry	Biology	World Civilization
APP English II	Algebra II	AP Biology	AP World history

Electives						
Computer Apps & Literacy	Security Fundamentals	Ag Construction	Emergency Procedures & Medical Terminology	Band	Dual Credit Electives	Electrical tech
Computer thinking (game design)	Agriscience	AG Structures & Design.	FACS Essentials	Humanities	Automotive	Diesel technology
Computer Programming	Animal science	Intro to GreenHouse	Food & Nutrition	Media Production II	Construction Carpentry	HVAC
Intro to Networking	Small Animal	Greenhouse	Early Lifespan	Basic Art	Business	
AP Computer science	Veterinary Science	Landscape and Turf Mang	Child Development I	Drawing & Painting I	Welding	
Computer hardware & software	Small Power & Equipment	Principals of Health Science	Spanish I & II	Ceramics & sculpture I	Wood Manufacturing	

Information

- 6 Period Days
- Core Classes and 2 electives
- If you choose vocational school you will have 3 core classes
- Zero schedule changes will be allowed so choose wisely

MCHS

11th Grade Course Offerings

English	Math	Science	Social Studies
English III	Algebra II	Intro to chemistry & Physics	US History
APP English III	Pre-Calculus/Technical Math	Dual Credit Science	Dual credit History 102 offered as an elective
AP Language	WKU Dual credit Math 116	AP Chemistry	AP Government
Dual Credit English	Medical Math - Must Double with Algebra II		

Electives	Electives	Electives	Principals of Health Science	Shirt Shop	Printmaking/ Fiber arts	Shirt shop
Computer Apps & Literacy	Security Fundamentals	Small Power & Equipment	Emergency Procedures & Medical Terminology	Spanish I & II	Band	Business
Computer thinking (game design)	Project based programming	Ag Construction	Early Lifespan	Work ready	Humanities or DC Theatre	Welding
Computer Programming	Agriscience	AG Structures & Design.	FACS Essentials	Advanced sport skills	Media Production/ HNN	Wood Manufacturing
Intro to Networking	Animal Science	Intro to GreenHouse	Food & Nutrition	Yearbook	Dual Credit Electives	Electrical Tech
AP Computer science	Small Animal	Greenhouse	Culinary I & II	Basic Art	Automotive	Diesel technology
Computer hardware & software	Veterinary Science	Landscape and Turf Mang	Child Development I & I	Drawing & Painting I & II	Construction Carpentry	HVAC

- 6 Period Days
- Possibility of 1 Work Ready Class
- 4 Core Classes and 2 electives
- If you choose vocational school, you will have 3 core classes
- Zero schedule changes will be allowed so choose wisely

Information

MCHS

12th Grade Course Offerings

English	Math	Science	Social Studies
English III	Algebra II	Intro to chemistry & Physics	US History
APP English III	Pre-Calculus	Dual Credit Science	Dual credit History 102 offered as an elective
Dual Credit English	Wku Dual credit Math 116		
	Medical Math - Must Double with Algebra II		

Electives	Electives	Electives	Principals of Health Science	Shirt Shop	Printmaking/ Fiber arts	Shirt shop
Computer Apps & Literacy	Security Fundamentals	Small Power & Equipment	Emergency Procedures & Medical Terminology	Spanish I & II	Band	Business
Computer thinking (game design)	Project based programming	Ag Construction	Early Lifespan	Work ready	Humanities or DC Theatre	Welding
Computer Programming	Agriscience	AG Structures & Design.	FACS Essentials	Advanced sport skills	Media Production/ HNN	Wood Manufacturing
Intro to Networking	Animal Science	Intro to GreenHouse	Food & Nutrition	Yearbook	Dual Credit Electives	Electrical Tech
AP Computer science	Small Animal	Greenhouse	Culinary I & II	Basic Art	Automotive	Diesel technology
Computer hardware & software	Veterinary Science	Landscape and Turf Mang	Child Development I & I	Drawing & Painting I & II	Construction Carpentry	HVAC

- 6 Period Days
- Check Graduation requirements
- Core Classes and 2 electives
- If you choose vocational school you will have 3 core classes
- December graduation is an option if postsecondary ready
- Zero schedule changes will be allowed so choose wisely

Information



Metcalfe County High School Career & Technical Offerings

MCCHS offers Career and Technical Education classes on three campuses. In-house here at MCCHS, at Monroe County Area Technology Center, and at Barren County Area Technology Center. The legend below will help you identify where our CTE classes are offered. If a student chooses to take classes off campus, transportation will be provided.



**On Metcalfe
Campus**

MCATC

**On Monroe
Campus**

BCATC

**On Barren
Campus**

MCHS Pathway Electives

Agriculture

Animal Science Systems

Course	Grade level
*Agriscience	9 - 12 Grade
Small Animal	10 - 12 Grade
Animal Science	10 - 12 Grade
Veterinary Science	11 - 12 Grade

Ag Power, Structural & Technical Systems

Course	Grade level
*Agriscience	9 - 12 Grade
Ag Power & Machinery Operations	10 - 12 Grade
Agriculture Construction Skills	10 - 12 Grade
Agriculture Structures & Design	11 - 12 Grade

Plant Science Systems

Course	Grade level
*Agriscience	9 - 12 Grade
Introduction to Greenhouse & Crop Management	10 - 12 Grade
Greenhouse Technology	10 - 12 Grade
Landscape & Turf Management	11 - 12 Grade

MCHS Pathway Electives

Computer Science

Computer Programming

Course	Grade level
* Computer Literacy	9 - 12 Grade
OR	
*Computational Thinking (Game Design)	9 - 12 Grade
Introduction to Programming (Comp Prog I)	10 - 12 Grade
AP Computer Science Principles / Object-Oriented Programming I	10 - 12 Grade
Cybersecurity Fundamentals	10 - 12 Grade
Project-Based Programming	12 Grade

Networking Administration

Course	Grade level
* Computer Literacy	9 - 12 Grade
*Computational Thinking (Game Design)	9 - 12 Grade
OR	
Computer Hardware and Software Maintenance	10 - 12 Grade
Introduction to Networking Concepts	10 - 12 Grade

Network Security

Course	Grade level
* Computer Literacy	9 - 12 Grade
Computer Hardware & Software Maintenance	10 - 12 Grade
Introduction to Networking Concepts	10 - 12 Grade
Cybersecurity Fundamentals	10 - 12 Grade

MCHS Pathway Electives

Family & Consumer Sciences

Culinary & Food Service



Course	Grade level
* FCS Essentials	9 - 12 Grade
Foods & Nutrition	10 - 12 Grade
Culinary Arts I	10 - 12 Grade
Culinary Arts II	10 - 12 Grade

Early Childhood Education



Course	Grade level
* FCS Essentials	9 - 12 Grade
Early Lifespan Development	10 - 12 Grade
Child Development I	10 - 12 Grade
Child Development II	10 - 12 Grade

MCHS Pathway Electives

Health Science

Allied Health MCATC

Course	Grade level
Principles of Health Science	9 - 12 Grade
Medical Terminology (DC) & Emergency Procedures	9 - 12 Grade
Medical Math	10 - 12 Grade

Clinical Medical Assisting MCATC

Course	Grade level
Principles of Health Science	9 - 12 Grade
Medical Terminology (Dual Credit Available) & Emergency Procedures	9 - 12 Grade
Medical Math	10 - 12 Grade
Clinical Medical Assisting & Allied Core Skills	10 - 12 Grade

Pharmacy Technician MCATC

Course	Grade level
Principles of Health Science	9 - 12 Grade
Medical Terminology (Dual Credit Available) & Emergency Procedures	9 - 12 Grade
Medical Math	10 - 12 Grade
Pharmacy Technician & Internship	12 Grade

MCHS Pathway Electives

MCATC

Automotive Maintenance & Light Repair Technician MCATC

Course	Grade level
Automotive Maintenance and Light Repair Section A	11 - 12 Grade
Automotive Maintenance and Light Repair Section B	11 - 12 Grade
Automotive Maintenance and Light Repair Section C	11 - 12 Grade
Automotive Maintenance and Light Repair Section D	11 - 12 Grade

Wood Manufacturing MCATC

Course	Grade level
Wood Products Mfg	9 - 12 Grade
Cabinet Making Technology	9 - 12 Grade
Furniture Technology	10 - 12 Grade
Advance Wood Processing	10 - 12 Grade

Welding Technology: Welder Entry-Level MCATC

Course	Grade level
Shielded Metal Arc Welding and Lab	9 - 12 Grade
Gas Metal Arc Welding and Lab	9 - 12 Grade
Shielded Metal Arc Welding Groove Welds w/Backing Lab	10 - 12 Grade
Oxy Fuel Cutting Processes	10 - 12 Grade

MCHS Pathway Electives

MCATC

Administrative Support MCATC

Course	Grade level
Digital Literacy	9 - 12 Grade
Office Administration	11 - 12 Grade
Business & Marketing	9 - 12 Grade
Introduction to Management	11 - 12 Grade
Microsoft Office Specialist	11 - 12 Grade

Management and Entrepreneurship MCATC

Course	Grade level
Business & Marketing Essentials	9 - 12 Grade
Introduction to Management	11 - 12 Grade
Principles of Entrepreneurship	11 - 12 Grade
Digital Literacy	9 - 12 Grade
Microsoft Office Specialist	11 - 12 Grade

MCHS Pathway Electives

MCATC

Skilled Trades Commercial Carpentry

Course	MCATC Level
Introduction to Construction Technology	9 - 12 Grade
Floor & Wall Framing	9 - 12 Grade
Ceiling & Roof Framing	9 - 12 Grade
Site Layout & Foundations	10 - 12 Grade

Skilled Trades Construction Electrical MCATC

Course	Grade level
Circuits I (Dual Credit Available)	9 - 12 Grade
Electrical Construction I (Dual Credit Available)	9 - 12 Grade
Electrical Construction II	10 - 12 Grade
Electrical Motor Controls	10 - 12 Grade

MCHS Pathway Electives

BCATC

HVAC Electricity BCATC	Computer-Aided Design BCATC
Diesel/Medium-Heavy Truck Technology BCATC	Industrial Maintenance Technology BCATC

Postsecondary Readiness

Postsecondary Readiness is the attainment of the necessary knowledge, skills, and dispositions for a student to successfully transition to the next level of his or her educational career.

The Postsecondary Readiness Indicator is one of six state indicators included in Kentucky's Accountability System. To demonstrate postsecondary readiness, high school students must earn a regular or alternative high school diploma AND meet ONE type of readiness (Academic or Career) that is intended to signal a student's readiness for the next step in their postsecondary plans, whether that be pursuit of college coursework and/or entry into the workforce:

Academic Readiness

- KDE-Approved Dual Credit
- Advanced Placement (AP)
- International Baccalaureate (IB)
- Cambridge Advanced International (CAI)

Career Readiness

- Industry Certification
- Career and Technical Education (CTE) End-of-Program Assessments
- KDE-Approved Dual Credit
- Apprenticeship Programs
- Work-Based Learning

Postsecondary Readiness Measures

- Meeting or exceeding a college readiness benchmark score in one area
 - SAT: English 490, Math 510, Reading 490
 - ACT: English 18, Math 19, Reading 20
- Achieving 3 hours of college credit or postsecondary articulated credit (EOP)
- Achieving a benchmark score on an AP exam
- Achieving any industry-recognized certification
- Completing a required number of hours or achieving a benchmark within an apprenticeship, cooperative, or internship

Dual Credit University Options



bit.ly/DualCreditMCHS



Visit the link or scan the QR code to see all dual credit classes that were offered this school year