

Waterford Kettering High School

2023-2024 School Profile



Administration

<i>Superintendent</i>	Scott Lindberg	2800 Kettering Drive Waterford, MI 48329 Phone (248) 673-1261	Fax (248) 674-0670 School Code: 231-273 www.waterford.k12.mi.us/kettering
<i>Principal</i>	Ben Harwood		
<i>Assistant Principals</i>	Lori Taylor Kelly Weber		
<i>Athletics/Activities</i>	Allison Sartorius		
<i>Counselors</i>	Kenneth Hembree Ashley Hudson Rachel Lane Alexis Rogers		

Waterford Kettering High School is a public school which has served students since 1962. Fall 2023 enrollment in grades 9-12 is 958. The school offers a comprehensive curriculum with an emphasis on college preparatory and career education courses. Kettering offers a 7-period day which includes the option for students to take Academic Center. There are fifty (50) classroom teachers, four (4) counselors and three (3) administrators. Fifty (50) percent of the professional staff have a master's degree or higher.

The Waterford Community

Waterford School District is located at the center of Oakland County in southeast Michigan, 31 miles northwest of Detroit. The district encompasses Waterford Township and portions of the surrounding townships of White Lake, West Bloomfield, Independence, and Lake Angelus. The district consists of 9 elementary, two middle, two senior high schools and one alternative high school. Waterford is an established suburban residential community of nearly 80,000 residents. Within its boundaries are four private schools, Oakland Community College Highland Lake Campus, and the Oakland County International Airport. Waterford has 20 lakes within its 36 square miles.

Accreditation AdvancED/Cognia Building Accreditation

Class of 2023 Survey 237 Graduates

Attending a 2 or 4 year college: 65.6%

11 Graduates with a 4.0 GPA or higher

51 Cum Laude Graduates

25 Magna Cum Laude Graduates

32 Summa Cum Laude Graduates



Class of 2023 Graduation Requirements

Language Arts	4
Mathematics	4
Performing and Visual Arts	1
Additional PAVA or Career Technical Education	1
Physical Education/Health	1
Science	3
Social Studies	3
World Language	2
Electives	5
Total	24

Special Academic Opportunities

Technical classes are available at Oakland Schools Technical Centers with Campuses in Clarkston and Pontiac, Michigan.

Dual Enrollment partnership with Wayne State University in the C2 Pipeline program offers college courses in Business and Engineering.

STEM Academy is offered at Waterford Mott. Kettering students can attend a 3 block schedule and engage in real world project-based learning.

Articulation agreements are available through the Waterford School District with Baker College, Davenport University, Ferris State University, and Oakland Community College.

The Academic Center is an educational support program built to increase student achievement through mentoring. Students are provided with common structure, multiple resources, and mentoring support in all academic areas.

Waterford Advanced Achievement Endorsement Program allows students who are eligible to earn an endorsement on their diploma for participating in community service, AP and Honors courses, and/or dual enrollment opportunities at the college level. Students must have a cumulative weighted GPA of 3.75 by the middle of the senior year.

Inspired, Educated, and Empowered to Thrive!



Academic Curriculum

Grading System

A	=	4.00
A-	=	3.67
B+	=	3.33
B	=	3.00
B-	=	2.67
C+	=	2.33
C	=	2.00
C-	=	1.67
D+	=	1.33
D	=	1.00
D-	=	0.67
E	=	0.00

A.P. Classes

Biology
Calculus AB and BC
Chemistry
Computer Science
Computer Science Principles
Drawing 2D 3D
English Lang. Composition
English Lit. Composition
Environmental Science
German Lang. & Culture
Human Geography
Macroeconomics
Music Theory
Physics C
Psychology
Spanish Lang & Culture
Statistics
United States Government
United States History
World History

Test Score Data

SAT	Score
Evidence-Based Reading & Writing	474
Math	460
SAT Mean Score	934

Advanced Placement

168 exams administered
168 total AP students
48 students with scores 3+
29% of students with scores 3+

Arts & Communication

Introduction to Art
Ceramics I
Ceramics II
Ceramics III
Drawing I
Drawing II
Drawing III
Painting I
Painting II
Commercial Art I
Commercial Art II
Digital Photography I
Digital Photography II
Jewelry I
Jewelry II
AP Studio Art & Portfolio: 2-D & 3-D
Theatre Arts I – Introduction to Theatre
Theatre Arts II- Acting
Theatre Arts III – Advanced Acting & Directing

Business, Management, Marketing & Technology

Accounting I
Advanced Accounting
Advanced Computer Skills for College & Career Success
Advanced IT Concepts
Aerospace Engineering
AP Computer Science
AP Computer Science Principles
Architectural CADD
Applied Computer/Business Skills
Building Wealth
Business Capstone Experience (Co-Op) 1 Hour
Business Capstone Experience (Co-Op) 2 Hour
Business Internship
Computer Skills for College & Career Success
Engineering with Robotics
Entrepreneurship
Marketing I (Foundations & Functions)
Marketing II (Marketing & Management)
Mechanical CADD & Lab
Mobile App Programming
Networking I
Networking II
Programming I
Programming II
Sports & Entertainment Marketing
Web Designs I
Web Designs II
Woodworking I
Woodworking II

Human Services

Careers with Children 2 Hours
Clothing and Fashion
Housing and Design
Human Relationships
Life Management
Medical Language for Health Care Workers
Nutrition
Parenting/Child Development
Personal Financial Management
Sexuality Education

Language Arts

AARI (Adolescent Accelerated Reading Initiative)
AP English Language & Composition
AP English Literature & Composition
Broadcast Technology
College Prep Composition
Creative Writing
Debate
ESOL Academic Assistance
Humanities
Intro to Journalistic Writing/Media Literacy
Journalism
Language Arts I
Language Arts II
Language Arts III
Language Arts IV
Literacy Lab
Myths & Legends
WKHS-TV Broadcast Journalism
Writing/Film
Yearbook

Mathematics

Algebra I
Algebra II
AP Calculus
AP Statistics
Beginning Algebra II
Calculus
College Mathematics
Geometry
Intermediate Algebra II
Math Lab
Pre-calculus
Statistics

Music

Advanced Concert Band
Advanced Jazz Band
Advanced Orchestra
AP Music Theory
Beginning Instrumental Music
Chamber Singers
Concert Band
Concert Choir
Guitar Ensemble
History of American Pop/Rock Music I
History of American Pop/Rock Music II
Honors Concert Band
Honors Jazz Band
Honors Orchestra
Jazz Band
Intro to Music Tech I
Intro to Music Tech II
Orchestra
Piano Keyboard I
Piano Keyboard II
Study of Jazz
Treble Select

Physical Education

Advanced Conditioning for the Varsity Athlete
Advanced Weight Training
Dance Foundations & Fitness
Health
Individual Lifetime Sports
Movement, Mindfulness & Stress Management
Personal Fitness
Strength Fitness
Team Sports

Science

Anatomy/Physiology
AP Biology
AP Chemistry
AP Environmental Science
AP Physics
Astronomy (Milky Way & Beyond)
Astronomy (Solar System)
Biology
Chemistry
Crime Scene Investigation (Kettering Campus)
Earth Science
Honors Chemistry
Honors Physics
Physics

Social Studies

Anthropology
Anti-Defamation League
AP Economics
AP Government
AP Human Geography
AP Psychology
AP US History
AP World History
Current Issues
Economics
Government
Honors United States History
Link Crew
Psychology
Sociology
Street Law
Student Leadership
United States History
World History

World Languages

AP French
AP Spanish
French I
French II
French III
French IV
German I
German II
German III
Spanish for Careers
Spanish I
Spanish II
Spanish III
Spanish IV
German IV
AP German

Alternate Programs

LINKS
Fire Academy
STEM Academy