

2020-21 AP Courses & Data

| | |
|--------------------------|--------------------------|
| AP Language & Comp. | AP Seminar |
| AP Literature & Comp. | AP Research |
| AP US History | AP Microeconomics |
| AP European History | AP Calculus AB |
| AP Human Geography | AP Calculus BC (compact) |
| AP Psychology | AP Statistics |
| AP Biology | AP 2-D Art & Design |
| AP Chemistry | AP 3-D Art & Design |
| AP Environmental Science | AP Drawing |
| AP Physics I | AP French |
| AP Physics II | AP Spanish |
| AP Physics C | AP Computer Science A |
| AP Politics & Gov't | AP Comp. Sci. Principles |

AP Scholars

| | |
|--|----|
| AP Scholars..... | 48 |
| AP Scholar with Honor | 13 |
| AP Scholar with Distinction | 42 |
| AP Capstone Diploma | 4 |
| AP Seminar & Research Certificate..... | 1 |

AP Results

| Year | # Tested | # Exams | % of 3+ |
|------|----------|---------|---------|
| 2021 | 361 | 643 | 63% |
| 2020 | 351 | 602 | 70% |

AP Scores 3 & Above

| Subject | # Taking | 3 & Above |
|-------------------------|----------|-----------|
| 2D Art + Drawing | 9 | 100% |
| Biology | 24 | 58% |
| Calculus AB | 42 | 45% |
| Calculus BC | 17 | 71% |
| Chemistry | 27 | 56% |
| Chinese | 1 | 100% |
| Computer Sci A | 6 | 100% |
| Computer Sci Principles | 18 | 89% |
| English Language | 81 | 63% |
| English Literature | 15 | 47% |
| Environmental Science | 19 | 74% |
| European History | 14 | 64% |
| French | 4 | 100% |
| Human Geography | 86 | 74% |
| Microeconomics | 13 | 69% |
| Physics 1 | 26 | 31% |
| Physics C | 9 | 67% |
| Psychology | 86 | 48% |
| Research | 7 | 86% |
| Seminar | 9 | 100% |
| Spanish Lang & Culture | 7 | 71% |
| Statistics | 36 | 81% |
| US Gov't & Politics | 38 | 58% |
| United States History | 22 | 77% |

ACT Composite Score

Grade 12

State Average 20.1

New Berlin West 22

Student ACT Scores over 30

| | |
|--|----|
| 2020-2021 **not available at time of publication | |
| 2019-2020..... | 22 |
| 2018-2019..... | 15 |
| 2017-2018..... | 17 |

ACT Quartile Values

Average ACT score based on class rank.
For example, Quartile 3 is the average score of the top 25 percent of the senior class.

| Quartile | English | Math | Reading | Science | Composite |
|----------------------|---------|------|---------|---------|-----------|
| Q3 (75th percentile) | 26 | 26 | 25 | 25 | 25 |
| Q2 (50th percentile) | 22 | 22 | 22 | 22 | 22 |
| Q1 (25th percentile) | 17 | 17 | 17 | 18 | 18 |

Transcripted Credit Courses

| | |
|-----------------------|--|
| Business: | Employability & HR Entrepreneurship Intro to Accounting [UW] Personal Finance [UW] Principles of Marketing |
| English: | College Reading Strategies [UW] English 102 [UW] Oral Interpersonal Comm. |
| Health Occupations: | Certified Nursing Asst [WCTC] Culture of Healthcare Diagnostic Study [UW] Digital Literacy in Healthcare Intro to Health Profession Medical Terminology |
| Math: | Calculus Analy. Geo III [UW] College Algebra Data Structures [Marquette] Linear Math [UW] |
| Other: | Architecture [UW] Education Concepts [UW] PLF: The Active Lifestyle [UW] Spanish V [UW] |
| Project Lead The Way: | Digital Electronics Intro to Eng & Design |
| Science: | Heredity [UW] |
| Social Studies: | Sociology |

Post High School Plans

2021 Graduating Class Size 203

| | |
|--------------------------------------|------|
| Four-Year College/University | 76 % |
| Technical or Vocational School | 8 % |
| Military | 2 % |
| Employment/Seeking Employment..... | 11 % |
| Other..... | 3 % |

Class Rank

Class rank was eliminated with the class of 2014.

Grading Scale

| Regular | Advanced Placement |
|---------------|--------------------|
| A+..... 4.000 | A+.....5.000 |
| A..... 4.000 | A.....5.000 |
| A-..... 3.667 | A-.....4.667 |
| B+..... 3.333 | B+.....4.333 |
| B..... 3.000 | B.....4.000 |
| B-..... 2.667 | B-.....3.667 |
| C+..... 2.333 | C+.....3.333 |
| C..... 2.000 | C.....3.000 |
| C-..... 1.667 | C-.....2.667 |
| D+..... 1.333 | D+.....1.333 |
| D..... 1.000 | D.....1.000 |

Graduation Requirements

| | |
|--------------|--|
| 4.0 credits | English |
| .5 credit | Speech |
| 3.0 credits | Social Science To include 1 credit of U.S. or AP US History and 1 credit of World Studies or AP Human Geography. Beginning with class of 2017 students must pass civics assessment. |
| 3.0 credits | Mathematics (Algebra I & two credits beyond) |
| 3.0 credits | Science 1 credit of physical science; 1 credit of biology |
| 1.5 credits | Physical Education |
| .5 credits | Health |
| 2.0 credits | Any combination of fine arts, vocational, and/or foreign language |
| 6.5 credits | Electives |
| 24.0 credits | Total credits required to graduate |

PREPARED ESPECIALLY FOR COLLEGE ADMISSIONS OFFICIALS, EMPLOYERS AND COMMUNITY MEMBERS.

2021-22

PROFILE



NEW BERLIN
WEST
HIGH SCHOOL

New Berlin West
18695 W Cleveland Ave
New Berlin, WI 53146
(262) 789-6400

www.nbboxcellence.org/schools/west/

CEEB Code: 501-632

Course work accredited through NCAA

Student Services Department
(262) 789-6424
Fax (262) 789-6442

Expect Excellence
School District of New Berlin

School and Community

New Berlin West is a comprehensive high school that guides and supports students to prepare for their appropriate post-secondary experience. We work with students through their Academic and Career Plan (ACP) to identify both coursework and learning experiences that promote both their achievement-based and dispositional development, making their learning applicable to potential post-secondary experiences. One of two secondary schools in the district, New Berlin West serves approximately 800 high school students in an upper middle class community.

Vibrant Community

New Berlin West focuses on a community that provides opportunities and supports all learners to engage with practices that promote skill development. With a focus on the core subjects through involvement and depth presented around an array of extended experiences within and outside of the classroom, students are able to explore options, develop skills and grow as individuals. The faculty and staff are an integral part of the school community and outstanding resource. Parent involvement, interest and support complete the circle of support and dedicated interest in student success.

Parent Involvement

The school is fortunate to have an involved parent community that is interested in the academic, social, and community success for their children. Parents show interest in their children and their learning while working as partners with the school to ensure appropriate opportunities, involvement, and experience for their student(s). We value the involvement of parents in all ways that positively impact our students and help them to have choice in their preparation for learning beyond high school.

West Worthy

The Washington Post's Most Challenging High Schools in America 2021

US News & World Report Best High Schools in America 2020

Ranked #3 in State by MacIver Institute AP Honor School 2021

Student/Teacher Ratio

15:1

Well-Rounded Learning Experience

- A rigorous curriculum with significant options for students seeking a college or other post-secondary preparatory experience.
- Support from counselors, advisors and other staff to guide and support the student's Academic/Career Plan.
- Weekly advisory time targeted to support student learning pathways, digital citizenship, ACT preparation, and progress monitor learning and goal plans.
- A safe and secure learning environment within the school that supports and reinforces respect.
- Programming and planning for coursework and experiences aligned to our College and Career Readiness Vision for students.
- Six levels of world language offerings in the areas of Spanish, French, Latin and Chinese.
- Service learning and other offerings for students encouraging civic responsibility and personal integrity.
- Options for students to take coursework at their level and progressively advance to meet their learning needs.
- School structure allows for middle school students to take high school coursework within their building and schedule.
- A full range of activity, arts, and athletics offerings to support student involvement and learning within and beyond the classroom.
- Thirty-two available Advance Placement course offerings and other additional post-secondary options for students within and outside of our campus.
- Programming specific to aligned pathways in manufacturing, health sciences, and information technology.

School Contacts Administration

Michael Fesenmaier, Principal.....262.789.6418
Trudy Wahlen, Assoc. Principal (A-L) ..262.789.6416
Greg DePue, Assoc. Principal (M-Z) ...262.789.6415
Jordan Napoli, Athletic Director.....262.789.6409

Student Services

Matt Hunt (A-G)262.789.6407
Karin Houston Counselor (H-N).....262.789.6471
Tammi Fure, Counselor (O-Z).....262.789.6428
Nicole Burke, Registrar.....262.789.6424

Current Course Offerings

A rigorous, college preparatory curriculum emphasizing academic excellence include course offerings in the following departments: art, business, computers, English, math, music, physical education, science, social studies, technology education, world languages and career and service learning offerings. There are also five honors and **twenty-seven AP** courses offered in various areas.

ART

Art Survey #
Ceramics I, II #
Digital Art Design #
Digital Art Photography #
Drawing I, II #
Painting I, II #
Sculpture I, II #
AP Art Drawing #
AP Studio Art 2-D and 3-D I, II #

BUSINESS

Applied Retail Management A&B #*+^
Concepts in Employ. II #*+^
Employability and HR I #*+^
Entrepreneurship +
Personal Finance #*+^
Principles of Marketing
Retail Operations Management #*+^
Sports/Event Marketing #
UW Intro to Accounting

CAREER & SERVICE-BASED LEARNING

Internship*
Mentorship #*+^
Service Learning #*+^
SDNB Co-Op #*+^
Youth Apprenticeship #*+^

COLLEGE IN HIGH SCHOOL

Start College Now #*+^
WCTC Dual Enrollment +^
Early College Credit Program #*+^

COMPUTER SCIENCE

Computer Programming #^
Cybersecurity #^
Marquette Data Structures #^
Exploring Computer Sci #^
Game Design #^
TechKNOW ^

Web Development I, II #^
AP Computer Science A #
AP Computer Sci Princ. #+^

ENGLISH

American Film: Two-Way Mirror #
College Reading Strategies
Digital Media Production I, II #
English 9, 10, 11 (reg & honors)
English 12 Composition
Journalism I, II, III & IV #

ENGLISH (continued)

Literature of War #
Oral/Interpersonal Comm #
Poetry Creative Writing #
Speech
UW-Colleges English 102 #*+^
AP Language & Composition #*+^
AP Literature & Composition #*+^

ENGINEERING & TECHNOLOGY

Construction I, II & III +^
Graphics Production I, II, III #+
How Machines Work +^
Manufacturing Productions +^
PLTW Intro Eng Design +^
PLTW Civil Eng/Architecture +^
PLTW Digital Electronics #+^
PLTW Eng Design & Develop. +^

HEALTH OCCUPATIONS

CNA: Certified Nursing Asst. *
Culture of Healthcare *
Medical Terminology *
UW Data Science *
UW Diagnostic Study *

INTERDISCIPLINARY

Academic Decathlon
Adv Innovation & Design H I & II
Applied Analytics: Adv Data Science H
UW Architecture
UW Education Concepts
AP Seminar
AP Research

MATH

Algebra I, II
College Algebra #*+^
Functions & Trigonometry +^
Geometry
Pre-Calculus #*+^
Statistics #*+^
UW Calculus & Analytic Geo +^
UW Linear Math +^
AP Calculus AB +^
AP Calculus BC (compact) +^
AP Statistics #*+^

MUSIC

Chamber Singers #
Chamber Orchestra #
Concert Choir #
Concert Orchestra #

MUSIC (continued)

Symphonic/Marching Band #
Treble Choir #

PHYSICAL EDUCATION

BFS *, Advanced BFS *
Individual Sports *
Lifeguarding *
Nutrition *
Online Phy Ed Concepts *
Pers & Lifetime Fitness, Adv. PLF *
Team Sports *

SCIENCE

Anatomy & Physiology I, II *^
Biology (reg & honors)
Chemistry (reg & honors)
Earth/Space Science ^
Environmental Science +^
Physics *+^
PLTW Princ. Biomedical Sci *+^
UW Heredity *^
AP Biology *^
AP Chemistry +^
AP Environmental Science *+^
AP Physics I *+^
AP Physics II *+^
AP Physics C-Mechanics*+^
AP Physics C-Elec & Magnet*+^

SOCIAL STUDIES

20th Century US History
Early World History
Economics *+
Government #*+^
Philosophy
Psychology *
Sociology *
Wars
World Studies
AP European History
AP Human Geography
AP Microeconomics +
AP Politics & Government +
AP Psychology *
AP US History #*+^

WORLD LANGUAGES

French I-VI, AP French
Spanish I-VI, AP Spanish
Mandarin Chinese I-VI
Latin I, II

Note: Course aligned to program of study: # Arts, A/V Tech, Communication; * Health Sciences, + Manufacturing; and ^ STEM.