

## 2017-18 AP Courses & Data

AP Language & Comp.	AP Physics C
AP Literature & Comp.	AP Seminar
AP US History	AP Research
AP European History	AP Microeconomics
AP Human Geography	AP Calculus AB
AP Politics & Government	AP Calculus BC (compact)
AP Psychology	AP Statistics
AP Biology	AP Studio Art
AP Chemistry	AP French
AP Environmental Science	AP Spanish
AP Physics I	AP Computer Science A
AP Physics 2	AP Comp. Sci. Principles

### AP Scholars

AP Scholars.....	40
AP Scholar with Honor .....	20
AP Scholar with Distinction .....	37
National AP Scholar .....	11
AP Capstone Diploma .....	3

### AP Results

Year	# Tested	# Exams	% of 3+
2018	302	533	75.0%
2017	305	532	65.9%

### AP Scores 3 & Above

Subject	# Taking	3 & Above
Biology	17	100%
Calculus AB	29	48%
Calculus BC	33	45%
Chemistry	10	50%
Computer Sci A	19	63%
Computer Sci Principles	2	100%
English Language	36	97%
English Literature	27	63%
Environmental Science	7	71%
European History	16	94%
French	3	100%
Human Geography	67	67%
Macroeconomics	1	100%
Microeconomics	24	83%
Physics 1	16	38%
Physics 2	6	50%
Physics C	7	86%
Psychology	105	80%
Seminar	6	100%
Spanish Lang & Culture	11	100%
Statistics	37	73%
Studio Art	4	100%
US Gov't & Politics	13	92%
United States History	29	93%

## ACT Composite Score

### Grade 12

State Average 20.1

**New Berlin West 22.9**

### Student ACT Scores over 30

2017-2018.....	17
2016-2017.....	21
2015-2016.....	25

### 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	27	27	25	26
Q2 (50th percentile)	23	23	23	23	23
Q1 (25th percentile)	20	18	18	19	20

### CAPP Courses

PLF: The Active Lifestyle Spanish V

### Dual Enrollment Courses

Architecture	Heredity
Calculus Analy. Geo. III	Human Anat./Physio.
Certified Nursing Asst	Intro to Accounting
Data Structures	UW-English 102
Diagnostic Study	UW-Linear Math
Education Concepts	

### Transcripted Credit Courses

Business:	Entrepreneurship
English:	Oral Interpersonal Comm.
Health Occupations:	Intro to Health Profession
	Digital Literacy in Healthcare
	Medical Terminology
	Culture of Healthcare
Marketing:	Principles of Marketing
Math:	College Tech. Math
Project Lead The Way:	PLTW Intro to Eng & Design
	PLTW Civil Eng & Architecture
	PLTW Digital Electronics
Social Studies:	Sociology

## Post High School Plans

### 2018 Graduating Class Size 189

Four-Year College/University .....	58 %
Technical or Vocational School .....	21 %
Military .....	3 %
Employment.....	8 %
Seeking Employment .....	1 %
Undecided .....	9 %

### 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 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.

## 2018-19 PROFILE



NEW BERLIN  
**WEST**  
HIGH SCHOOL

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

[www.nbexcellence.org/schools/west/](http://www.nbexcellence.org/schools/west/)

**CEEB Code: 501-632**

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 2018

*Newsweek's* Best Schools in America 2018

*US News & World Report* Best High Schools in America 2018

Ranked #3 in State by MacIver Institute  
AP Honor School 2017

## 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 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, Associate Principal (A-L) .....262.789.6416  
Greg DePue, Associate Principal (M-Z) .....262.789.6415  
Jordan Napoli, Athletic & Activities Director .....262.789.6409

## Student Services

Kathy Weeks-Douglas Counselor (A-He).....262.789.6407  
Kate Landry, Counselor (Hf-P) .....262.789.6471  
Tammi Fure, Counselor (Q-Z) .....262.789.6428  
Lori Gavin, Registrar & Admin Asst.....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-five AP** courses offered in various areas.

### ART

Art Design #  
Art Survey #  
Ceramics I, II #  
Digital Art Photography #  
Drawing I, II #  
Painting I, II #  
Sculpture I, II #  
AP Studio Art I, II

### BUSINESS

Accounting  
Applied Analytics Honors  
Entrepreneurship  
Concepts in Employ. I, II #\*+^  
Personal Finance #\*+^  
Principles of Marketing  
Sales & Advertising  
Sports/Event Marketing

### 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 #^  
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 #  
English 9, 10, 11 (reg & honors)  
English 12 Composition  
Journalism I, II, III & IV #  
Literature of War #  
Oral/Interpersonal Comm #  
Poetry and Creative Writing #  
Speech

### ENGLISH (continued)

UW-Colleges English 102 #\*+^  
AP Language & Composition #\*+^  
AP Literature & Composition #\*+^

### ENGINEERING & TECHNOLOGY

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

### HEALTH OCCUPATIONS

CNA: Certified Nursing Asst. \*  
Digital Literacy in Healthcare \*  
Intro to Health Professions \*  
Culture of Healthcare \*  
Medical Terminology \*

### INTERDISCIPLINARY

Academic Decathlon  
Adv Innovation & Design  
Applied Analytics: Adv Data Science H  
Concepts & Issues in Education  
AP Seminar  
AP Research

### MATH

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

### MUSIC

Chamber Singers #  
Chamber Strings #  
Concert Choir #  
Concert Strings #  
Jazz Ensemble #  
Music Appreciation #  
Symphonic/Marching Band #

### MUSIC (continued)

Treble Choir #  
AP Music Theory #

### PHYSICAL EDUCATION

Advanced BFS \*  
Advanced PLF \*  
BFS \*  
Individual Sports \*  
Lifeguarding \*  
Online Phy Ed Concepts \*  
Personal Lifetime Fitness \*  
Team Sports \*

### SCIENCE

Anatomy & Physiology I, II \*^  
Biology (reg & honors)  
Chemistry (reg & honors)  
Earth/Space Science ^  
Environmental Science +^  
Hereditry \*^  
Physics \*+^  
PLTW Princ. Biomedical Sci \*+^  
AP Biology \*^  
AP Chemistry +^  
AP Environmental Science \*+^  
AP Physics I \*+^  
AP Physics II \*+^  
AP Physics C \*+^

### 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 US Government & Politics +  
AP Psychology \*  
AP US History #\*+^

### WORLD LANGUAGES

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

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