

# WHEELING High School

## 2017-18 School Profile



**A Comprehensive Public High School with a STEM focus**

**An AVID Site School**

**A School Rich in Cultural Diversity**

**Our vision statement:** Wheeling High School is a nationally and internationally recognized comprehensive high school with a STEM focus that incorporates literacy across all disciplines while simultaneously providing all students with co-curricular opportunities and postsecondary experiences, thus preparing them to be productive, healthy citizens in a global society. Wheeling High School, in conjunction with District 214, is "redefining ready" for its study body and creating pathways of success for career and college readiness.

**900 South Elmhurst Road • Wheeling, Illinois 60090**  
**847-718-7000 • [whs.d214.org](http://whs.d214.org)**



# 2017 – 2018 Wheeling High School Profile

900 S. Elmhurst Road • Wheeling, Illinois 60090 www.whs.d214.org 847/718-7000  
Registrar: Ms. Linda Sinard linda.sinard@d214.org 847/718-7128

## Enrollment Data

Seniors: 402  
School Total: 1806  
District 214 Total:  
12,425

## Administration

*Superintendent:*  
*Dr. David Schuler*  
*Principal*  
Mr. Jerry Cook  
*Associate Principals*  
Ms. Angela Ginnan  
Mr. Chris Rugg  
*Assistant Principals*  
Mr. Thomas Scotese  
Dr. Stephen May

## Registrar

Ms. Linda Sinard

## Counselors

Ms. Grace Alderson  
Ms. Joyce Brewer  
Ms. Ziomara Gil  
Ms. Allison Kulla  
Mr. Michael O’Keeffe  
Ms. Brandi Rojas  
Mr. Robert Sochowski

## College Counselor

Ms. Joanne Amador-  
Zapata

## Faculty

Approximately 85% of  
the certified staff have  
degrees at or above  
the Masters level.

## Graduation Require- ments:

21 units of  
credit [4 English, 3  
Mathematics, 2 Sci-  
ence, 3 Social Science,  
1 Career & Technical  
Education OR World  
Langugae, .5 Health, .25  
PE each semester, .25  
Drivers Ed Classroom

Beginning Fall 2017, Wheeling utilizes  
a 4 point scale for average level courses:  
Advanced placement classes are based  
on 5.0 A’s, honors courses on 4.5. For the  
unweighted GPA, all classes are  
4.0 A’s. Both weighted and non-weighted  
grade point averages are posted on  
transcripts.

## GRADE POINT AVERAGES

The grade point average is computed by  
assigning points (as previously indicated)  
for all completed courses of at least a term’s  
duration (excluding Physical Education,  
Driver Education and any course taken on a  
Pass/No Credit basis).

**District 214 eliminated the reporting of  
class rank in 2013.**

## POST-SECONDARY CHOICES

<i>Class of . . .</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>
4 Year College:	47%	42%	42%
2 Year College:	41%	50%	49%
Trade/Tech	1%	1%	1%
Military	2%	1%	2%
Work/Other	9%	6%	7%

## ADMISSION TEST SCORES

**District 214 does not report individual  
ACT or SAT test scores on transcripts.**

*ACT for the class of 2017*  
Composite Middle 50% Range: 18-25

*SAT Reasoning for the Class of 2016*  
(2017 unavailable at the time)  
Middle 50% Range 1580 -2020

Wheeling High School is a NACAC & IA-  
CAC member that adheres to the  
*NACAC Statement of Principles of Good  
Practice. (SPGP)*

**Accreditation: Fully recognized by the  
Illinois State Board of Education**

**Class of 2017:**  
**58 Illinois State Scholars**  
**1 National Merit Semifinalist**  
**2 National Hispanic Recognition  
Program Scholars**

## COURSES

**For a description of courses offered, download the  
Academic Handbook at:**

[http://www.d214.org/assets/1/6/D214\\_AcademicHand-  
book2017\\_18.pdf](http://www.d214.org/assets/1/6/D214_AcademicHandbook2017_18.pdf)

WHS offers a number of dual credit courses, which can be  
found in the Academic Handbook. 31 AP courses and 10  
honors level courses.

## D214 GRADUATION REQUIREMENTS

**Please see this link:** <http://whs.d214.org/academics/>

State Exam Required for Graduation: SAT

## GRADING SCALE

**A 90-100; B 80-89; C 70-79; D 60-69; F 0-59.**

**Grade in Physical Education and Driver  
Education are not computed in GPA.**

## ACCELERATED COURSES

**ENGLISH:** Advanced Placement Language &  
Composition, Literature & Composition; Honors Literature  
& Writing; Honors World Literature & Composition.

**MATH:** Advanced Placement Calculus BC, Calculus AB  
& Statistics. College Calculus. Honors Advanced Algebra,  
Geometry, & Pre-Calculus.

**SCIENCE:** Advanced Placement Physics 1, Physics C,  
Chemistry, & Biology. Honors Chemistry, & Biology.

**WORLD LANGUAGE:** Advanced Placement Spanish &  
Italian Language, Advanced Placement Spanish Literature,  
& Spanish, French, and Italian. Honors in levels 3 & 4. In  
addition to Spanish for Native Speakers levels 3 & 4.

**SOCIAL SCIENCE:** Advanced Placement U.S. History,  
World History, Government & Politics, Economics,  
European History, Psychology, & Human Geography.

**BUSINESS AND COMPUTER SCIENCE:** Advanced  
Placement Computer Science, and Project Lead the Way  
(PLTW). When calculating weighted GPAs, the following  
PLTW courses are given AP credit weighting:  
Civil Engineering and Architecture  
Computer Integrated Manufacturing  
Digital Electronics  
Introduction to Engineering Design  
Principles of Engineering

**FINE ART:** Advanced Placement Studio Art, Advanced  
Placement Music Theory.



# WHEELING HIGH SCHOOL

## *Township High School District 214*

### Post Secondary Options & Traditionally Underrepresented Students

#### OUR SCHOOL AND COMMUNITY

Wheeling High School is a public, four-year comprehensive high school with a STEM focus. Wheeling opened in 1964 and graduated its first class in 1966. Wheeling is one of six schools in Township High School District 214, including Buffalo Grove, Elk Grove, John Hersey (Arlington Heights), Prospect, and Rolling Meadows High Schools.

Wheeling is a culturally diverse high school. The community is predominately middle income residential, with light industry providing a major portion of the tax base for the entire district. The village of Wheeling is 28 miles northwest of downtown Chicago, and has approximately 40,000 residents. The school serves Wheeling and sections of Arlington Heights, Buffalo Grove, Mount Prospect, Northbrook and Prospect Heights.

#### OUR STUDENTS

We are uncharacteristic of a large suburban high school. Our students are from widely diverse backgrounds, racially, socio-economically, by their country of origin, and by the primary language spoken in their home. We prize and routinely celebrate this diversity.

Our recent immigrant students hail from more than 20 different countries spread throughout the globe. 30% of our students receive special services through our English Language Learners program, and roughly 43% come from census identified low income homes. Many will be first generation college students.

The current student demographic breakdown is:

- 30.0% Caucasian
- 2.0% Black
- 60.0% Hispanic
- 5.0% Asian/Pacific Islander
- <1.0% Native American
- 3.0% Multi-racial

#### COLLEGE ADMISSION AND WHEELING STUDENTS

Our community places significant value in the pursuit of education beyond high school. Future plans of recent graduates indicate that about 90% continue their education in a college setting, 45% at four year institutions, and 45% at two year colleges. These numbers have remained relatively consistent over the past several years, as have our student's ACT scores during the same time period: the middle 50% is 18 - 25 with a mean composite of 20.89.

Wheeling High School, is taking action to encourage and expand options for the post-secondary educational opportunities for Wheeling students. We've raised academic expectations across the curriculum, even while we have implemented a STEM focused curriculum model. The belief that all students can benefit from challenge resulted in the addition of several Advanced Placement classes, bringing our total to 31. However, we do not have any student taking anymore than 6 at a given time. We have several opportunities in English and Mathematics for students to take dual credit classes as well. Lastly, we offer multiple certifications in automotive technology, computer technology, health careers, and manufacturing.

#### YOUR PARTNERSHIP WITH WHEELING HIGH SCHOOL

We, as you, constantly seek ways to open doors for the traditionally underrepresented college bound. Together we are well aware of the challenges and struggles this critical goal poses. With your support and assistance, both secondary and post-secondary institutions can achieve this shared goal of broader educational opportunities for those who have historically been limited in their options. Wheeling High School students and your institution can achieve the shift from possibility to probability. That is what we seek, and we are eager for continued dialogue with you to that end.

To engage in conversation with us regarding our school, students, and shared vision, contact:

**Mr. Jerry Cook, Principal** [jerry.cook@d214.org](mailto:jerry.cook@d214.org) • 847-718-7010

**Ms. Joanne Amador-Zapata, College Counselor** [joanne.amador@d214.org](mailto:joanne.amador@d214.org) • 847-718-7045

# Wheeling High School

## A Comprehensive Public High School with a STEM Focus

In the fall of 2010, expanding on our tradition of a comprehensive academic curriculum, Wheeling High School was officially *rededicated* as a **STEM school** and admitted as an institutional member of the National Consortium for Specialized Secondary Schools of Mathematics, Science, and Technology. As a STEM school, we focus on these subjects to prepare all students to think critically and solve complex problems, adapt to new technologies, and communicate effectively to a variety of audiences—all skills required to succeed in a global 21st century economy. Through STEM, the school integrates all disciplines including the arts, languages and humanities in an interdisciplinary approach, offering students the opportunity to transfer and apply knowledge and skills across the curricular spectrum rather than solely within isolated disciplines, providing a foundation of knowledge applicable beyond the realm of math and science alone.

**Our latest efforts involve integrating NANO into the traditional science curriculum and opening the first student on-site high school NANO Technology Lab in the country.**

**W**heeling High School offers an extensive and comprehensive academic program including along with over 75+ co-curricular experiences. In addition, student use of technology is embedded throughout the school experience with 1:1 iPad technology, computer labs, laptop and wifi hotspot loaners, and smart boards, as well as media projectors in every classroom and extensive use of online learning communities. Our focus on career certifications, college partnerships, and technology are just a few of the ways students gain an edge in preparing for and accessing post secondary opportunities. Wheeling High School is transforming what public education looks like; providing a relevant curriculum that prepares all of our students for career and college success. Since 2011 we have increased the total participation of our students in AP by 24% and the number of students earning a 3 or better has increased by 16% during that same period. We are very excited about our work around access at Wheeling High School.

### State and National Distinctions

*The Washington Post*  
**High School Challenge Index**  
**Top 7% National Ranking**

*International Technology and Engineering*  
**Educators Association**  
**Program of Excellence**

*Technology Education Association of Illinois*  
**Technology Program of the Year**

*American School Counselor Association*  
**Recognized Model Program**  
**Designation**

*U. S. News and World Report*  
**One of America's Best High Schools**

*Newsweek Magazine*  
**America's Best High School**  
**National Recognition**

*Illinois Alliance for Arts Education*  
**Kennedy Center School of**  
**Distinction in Arts Education**

*Illinois Association for Health, Physical*  
*Education, Recreation, and Dance*  
**Blue Ribbon Program Recognition**



# Wheeling High School



U.S Department of Education | *Blue Ribbon School*

*Preparing students with a global perspective through relationships, rigor, and relevance*