

## MATHEMATICS

Advanced Math for STEM Careers  
Algebra I  
Algebra II  
Algebra III/Trig. #  
Mathematical Analysis  
Paced Algebra I, Pt. A  
Paced Algebra I Pt. B  
Basic Geometry  
AP Calculus #  
AP Statistics #  
Calculus #  
Linear Algebra#  
Combination Geometry  
Consumer Math

## WORLD LANGUAGES

Spanish I-II-III-IV-AP  
French I-II-III-IV-AP  
Mandarin Chinese I & II

## BUSINESS

Accounting I  
Introduction to Business  
Business Communications  
Business Math/Personal Finance  
Entrepreneurship  
Career Essentials  
Law and Justice  
Multimedia and Digital Design

## SOCIAL SCIENCES

US History 9 G/H & CP  
American Government 10 G/H & CP  
World History 11 G/H & CP  
Economics  
Sociology  
World Geography  
AP Economics#  
AP US History#  
Psychology/Human Behavior  
American Geo-Political Conflict

## TECHNOLOGY EDUCATION

Materials Engineering 9  
Materials Engineering I – II – III  
Engineering Design & Development 9  
Engineering Design & Development I – II – III  
Communication Systems 9  
Communication Systems I – II – III  
Manufacturing Engineering 9  
Manufacturing Engineering I – II – III  
Robotics Engineering

## FAMILY AND CONSUMER SCIENCE

Child Development I-II-III  
Fashion & Design I - II  
Foods & Nutrition  
Culinary Arts  
Family & Consumer Science 9  
Living on Your Own  
Integrated Family & Consumer Science

## MUSIC

Band  
Chorus  
Vocal Ensemble  
Music Appreciation  
Music Theory  
Introduction to Guitar

+ Dual Enrollment Program with Indiana University of Pennsylvania, Butler County Community College

^ Independent Study courses are offered to Gifted (& high achieving) students who wish to explore subject material beyond that which available in the curriculum.

@ Third, Fourth and Fifth years of all world languages are given weighted status

PLEASE SEND NOTIFICATION OF ACCEPTANCES  
AND REJECTIONS TO THE GUIDANCE OFFICE AS  
SOON AS POSSIBLE.

# Armstrong Jr-Sr High School

300 Buffington Drive  
Kittanning, PA 16201  
724-548-7600 724-545-8400  
Fax: 724-545-8402  
www.asd.k12.pa.us



### Senior High Principal

Mr. James Rummel

### Junior High Principal

Mr. Kirk Lorigan

### Academic Principal

Mr. Michael Cominos

### Guidance Counselors

7-12:

Ms. Sandra Deforno

Mrs. Emily Giconi

Dr. Corrin Linkes

Mrs. Jocelyn Ursiak

Mr. David Zablocki

CEEB Code: 392055

# SCHOOL PROFILE 2018-2019

## HIGH SCHOOL

Armstrong Junior/Senior School was established in 2015 as a result of the merger of Kittanning Senior High School, Kittanning Junior High School, and Ford City Junior/Senior High School. Armstrong JSHS is one of two high schools in the Armstrong School District. Armstrong JSHS enrolls approximately 1700 students in grades 7 through 12. Enrollment is projected to remain relatively stable in the immediate future. The high school is fully accredited by the Pennsylvania Department of Education.

The school year is divided into two (2) semesters each semester is 18 weeks in length with nine (9) week marking periods. Courses lasting one semester are awarded 0.5 credit and full-year courses are awarded 1.0 credit.

## CURRICULUM

All students are scheduled individually with sequences available in these areas: Gifted Honors and College Preparatory. Advanced Placement and Gifted Program options are also available.

## FACULTY

A staff of 118 highly qualified professional educators comprises the faculty.

## GUIDANCE

A comprehensive program of guidance services is available to assist all students with the career, academic, and personal/social decisions that must be addressed.

## CLASS RANK

Class rank is calculated on a quality point or grade point system with ALL subjects included from grades 9 thru 12. An additional quality point is given for those courses designated as weighted. Total quality points are divided by total credits to determine the Quality Point (Grade Point) Average.

## GRADING STANDARDS

100 – 92 = A	4	Quality Points	
91 – 83 = B	3	“	“
82 – 74 = C	2	“	“ * All Weighted courses
73 – 65 = D	1	“	“ receive one additional
64 – 0 = U	0	“	“ Quality Point *

## TEST RECORDS

<u>Class</u>	<u>SAT Critical Reading</u>	<u>SAT Math</u>
2018	543	538

## GRADUATION REQUIREMENTS

Armstrong School District requires that each candidate for graduation earns a minimum of 25.0 credits in grades 9-12, and must include:

English	4.0	credits
Social Sciences	4.0	“
Mathematics	4.0	“
Science	3.0	“
Arts and Humanities	2.0	“
Health	0.5	“
Driver Education	0.3	“
Physical Education	2.0	“
Computer Science 9	0.5	“
Public Speaking	0.5	“
Family and Consumer Science	0.5	“
Electives	<u>3.7</u>	“
<b>TOTAL</b>	<b>25.0</b>	“

## LEGEND

- G/H – Gifted Honors
- AP – Advanced Placement
- CP – College Preparatory
- # - Weighted Course (additional grade pt. assigned)
- \* - Laboratory Course

## ENGLISH

- English 11 AP & 12 AP #
- English 9 – 12 CP
- English 9 – 10 G/H
- Public Speaking
- Advanced Public Speaking
- Writing for Communication
- Literary Studies
- Television Production/Broadcasting
- Media Studies and Filmmaking
- Intro to TV
- Media Literacy

## ART

- Studio Art 9 - I - II – III
- STEAM Art#

## PHYSICAL EDUCATION

- Physical Education
- Fitness Education
- Adaptive Physical Education
- Health
- Human Anatomy & Physiology#

## SCIENCE

- Science 9 CP and Advanced Science 9
- Biology I Advanced (9<sup>th</sup>)
- Biology I CP
- Biology II \*#
- AP Biology \*#
- Astronomy/Space Science
- Chemistry I \*#
- Chemistry II \*#
- Physics I \*#
- Physics II \*#
- AP Physics \*#
- Principles of Science

## COMPUTER SCIENCE

- Computer Science 9
- Programming I (Alice)
- Programming II (Alice & JAVA)
- Programming III: AP Computer Science#
- Programming IV: Independent Study
- STEM Robotics
- Web Page Design I & II



