

About the LakeView and Harborside Fine Arts Partnership



We know many of our LakeView students are interested in continuing creative pursuits in music, the arts or theatrical studies in high school. LakeView has partnered with Harborside Academy to provide a Fine Arts option. Students are bussed after lunch to Harborside where they may enroll in the following courses:

Band, Orchestra, Choir, Art or Drama
Students are then bussed from Harborside to their boundary school at the end of the day for dismissal.

Supplemental Classes provided by E-School



Some students are interested in taking a world language in high school. LakeView offers two different languages as an on-line option through Kenosha E-School; Spanish 1 through 4 and German 1 through 4.

There are a multitude of other classes offered in a variety of academic areas. Please visit the Kenosha E-School website for the official course offerings at <http://eschool.kusd.edu>

Students will be expected to work on these classes at home.



What makes



different from other high schools?



Our Mission:

Is to empower students to succeed by providing in-depth technical educational experiences that prepare students to be competitive in a changing marketplace.

To view detailed descriptions of all High School course offerings please go to www.kusd.edu and search high School Course Catalog.

Kenosha Unified  School District

Biomedical Engineering

Specialty Classes:

*Biotechnology – honors – (9)



* Intro to Engineering Design (IED) - (10)

* Principles of Biomedical Science (PBS) - (10)

* Human Body Systems (HBS) - (10/11)

*Medical Interventions (MI) - (11/12)

☐ Digital Electronics (DE) - (11/12)

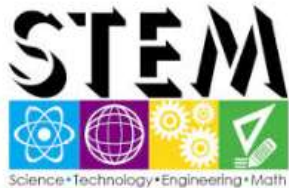
☐ Biomedical Innovations (BI) - (12)



☐ Principles of Engineering (POE) - (11)

(And many AP science classes from which to choose)

Many of these classes are part of the Project Lead the Way (PLTW) pre-college biomedical engineering program and are also part of the nation-wide STEM (science, technology, engineering and mathematics) initiative.



Important Exams to Take: * Optional

ACT ASPIRE—Gr.9

Date: Spring

ACT ASPIRE— Gr. 10

Date: Spring

PSAT/NMSQT * gr. 10/11 (Nat'l Merit Talent Search)

Date: Fall

ACT Plus Writing and Work Keys gr. 11

Date: Spring

2nd ACT* or SAT* gr. 11 &/or 12 (college entry)

Date: _____

ASVAB * – gr. 11 and/or 12 (military)

Date: _____

COMPASS * – Spring gr. 12 (Gateway)

Date: _____

To receive a honors diploma, students must earn four AP credits.

Here're the AP classes offered at Lake View Tech Academy:

*AP US Government/Politics *AP World History

* AP Physics C: Mechanics

*AP Biology

*AP Chemistry

*AP Psychology

*AP Literature/Composition

*AP Language/Composition

*AP Calculus AB

*AP Calculus BC

* AP Statistics

*AP Computer Science A

*AP Computer Science Principles

Community Service Requirement

Community service is also a KUSD requirement for graduation. Every student must complete 10 hours before graduation. To graduate with distinction, one may complete a total of 100 community service hours.



Engineering and Manufacturing Track

Specialty Classes:

- ☐ Intro to Design– Engineering-Technology (IDET) (9)
- ☐ Drafting-Engineering –Technology (DEM) (9)
- ☐ Computer Aided Design (CAD) - (beginning) -(10/11)
- ☐ Fundamentals of Engineering (10/11)
- ☐ Intro to Engineering Design (10/11)
- ☐ Principles of Engineering (11)
- ☐ Digital Electronics (11/12)
- ☐ Construction Planning (11/12) *(to be taken before CE/A)
- ☐ Civil Engineering/Architecture (11/12)
- ☐ Computer Integrated Manufacturing (CIM) 11/12
- ☐ Engineering Design and Development (EDD) 11/12

Continued.....

Many of these classes are part of the Project Lead the Way (PLTW) pre-college programming and are also part of the nation-wide STEM (science, technology, engineering and mathematics) initiative.



Gateway Classes Offered as part of the Engineering / Manufacturing track



Offered junior and senior year:

- ☐ CAD—Solids
- ☐ CAD 2
- ☐ Computer Assisted Programing/Robotics
- ☐ Mechanical Skills for Technicians
- ☐ Intro to Pneumatics & Hydraulics
- ☐ Quality for Automated Manufacturing
- ☐ DC/AC Principles
- ☐ CNC/CAM Programming





KUSD Required Classes for Graduation

Grade 9

Survey of Literature/Comp. -honors
U.S. History - honors
Mathematics
Biotechnology
Phy. Ed
Electives

Min. of 7 cd. taken for gr. 9

Grade 10

World Literature/Comp. - honors
World History - honors
Mathematics
Chemistry
Health
Electives

Min. of 7 cd. taken for gr. 10

* most classes have an honors option as well

Grade 11

American Lit/ Comp. - honors
US Government/Politics- honors
Mathematics
Physics or science elective
Economics
Physical Education
Electives

Min. of 6 cd. taken for gr. 11

Grade 12

Perspectives in Lit/Comp.- honors
Psychology or Sociology - honors
Mathematics
Physics
Physical Education
Electives

Min. of 6 cd. taken for gr. 12

The **regular** sequence of mathematics is:

Geometry to Algebra 2 to Math Analysis to AP Calculus AB

The **honors** sequence of mathematics is:

Honors Geometry to Alge 2/ Trig – honors to Honors Pre-Calculus
To AP Calculus BC

***Information Technology (IT) Track Prepares students for Programming and Coding

Specialty classes:

- Computer Applications/Intro Program.&Robotics (9)



Gateway Classes Offered as part of the Information Technology track:

Students earn up to 34 Gateway Technical College Credits

- Intro to Networking/Web (transcribed-credit)
- I.T. Essentials (transcribed-credit)
- Intro to Programming and Database Concepts
- Web Programming 1
- Elements of Dynamic Web Design
- Microsoft Certification Prep Review MTA 98-375 Exam
- Advanced Microcomputer Programming
- Advanced Databases
- PHP Web Programming
- Web Programming 2
- Ruby On Rails
- AP Computer Science A (Java)
- AP Computer Science Principles

These classes are taught at the college-level. GTC credits are earned upon successful completion of the class.

