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.

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.
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

<table>
<thead>
<tr>
<th>Exam</th>
<th>Grade</th>
<th>Date</th>
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<tbody>
<tr>
<td>ACT ASPIRE—Gr.9</td>
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<td>ACT ASPIRE—Gr. 10</td>
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<td>PSAT/NMSQT * gr. 10/11 (Nat’l Merit Talent Search)</td>
<td>Gr. 10/11</td>
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<tr>
<td>ACT Plus Writing and Work Keys gr. 11</td>
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<td>Spring</td>
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<tr>
<td>2nd ACT* or SAT* gr. 11 &amp;/or 12 (college entry)</td>
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<td>Date: _______</td>
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<tr>
<td>ASVAB * – gr. 11 and/or 12 (military)</td>
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<td>Date: _______</td>
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<tr>
<td>COMPASS * – Spring gr. 12 (Gateway)</td>
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<td>Date: _______</td>
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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.

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**Gateway Classes Offered as part of the Engineering / Manufacturing track**

- 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 (transcripted-credit)
- I.T. Essentials (transcripted-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.