



# ARCHITECTURE & CONSTRUCTION

## >> Path: Industrial & Engineering Technology

*Careers in the Architecture and Construction cluster concentrate on designing, managing, building, and maintaining structures.*



### Career Pathways

- Design and Pre-Construction
- Construction
- Maintenance and Operations



### Careers

- Architect
- Carpenter
- Construction Manager
- Cost Estimator
- HVAC Installer/Repairer
- Plumber



### Recommended Career Electives

*Students may take LHS electives during the year listed below, or any year following.*

#### Grade 9

- Art & Design
- Intro to Engineering Design

#### Grade 10

- Ceramics 1 & 2
- Digital Art
- Principals of Engineering
- Product Manufacturing & Construction
- Studio Art 1 & 2

#### Grade 11

- Civil Engineering & Architecture
- Engineering Design & Development
- Studio Art 3 & 4

#### South Tech

- Construction Innovations
- Design & Entrepreneurship
- Precision Machining
- Welding

#### Grade 12

- 4th Year of Math
- 4th Year of Science
- AP Drawing
- AP 2D Art
- AP 3D Art
- Engineering and Technology Design & Development (STL CAPS)

#### South Tech

- Carpentry
- Construction Trades
- Electrical Trades
- Floor Layers Middle Apprenticeship
- HVAC
- Precision Machining
- Welding

Course descriptions are available at [go.lindberghschools.ws/LHSNavigator](https://go.lindberghschools.ws/LHSNavigator)



# LINDBERGH HIGH SCHOOL

## Core Sequence of Courses

	English	Math	Science	Social Studies
9	<ul style="list-style-type: none"> <li>English 1</li> <li>English 1 Honors</li> </ul>	<ul style="list-style-type: none"> <li>Algebra 1A</li> <li>AMPED in Algebra</li> <li>Algebra 1 Col Prep</li> <li>Geometry Col Prep</li> <li>Geometry Honors</li> </ul>	<ul style="list-style-type: none"> <li>Biology A</li> <li>Biology</li> <li>Biology Honors</li> </ul>	<ul style="list-style-type: none"> <li>World History</li> <li>World History Honors</li> </ul>
10	<ul style="list-style-type: none"> <li>English 2</li> <li>IMPACT English 2</li> <li>English 2 Honors</li> <li>AP Seminar/Eng 2 Hon</li> </ul>	<ul style="list-style-type: none"> <li>Algebra 1B</li> <li>AMPED in Algebra</li> <li>Geometry</li> <li>Geometry Col Prep</li> <li>Geometry Honors</li> <li>Algebra 2 Col Prep</li> <li>Algebra 2 Honors</li> </ul>	<ul style="list-style-type: none"> <li>Biology B</li> <li>Physical Science</li> <li>Chemistry Honors</li> </ul>	<ul style="list-style-type: none"> <li>US Government</li> <li>AP US Government</li> </ul>
11	<ul style="list-style-type: none"> <li>English 3</li> <li>English 3 PBL</li> <li>AP Language</li> <li>AP Literature</li> </ul>	<ul style="list-style-type: none"> <li>Geometry</li> <li>Algebra 2</li> <li>Algebra 2 Col Prep</li> <li>Algebra 2 Honors</li> <li>Pre-Calc Algebra/Trig</li> <li>AP Pre-Calculus</li> </ul>	<ul style="list-style-type: none"> <li>Physical Science</li> <li>Chemistry</li> <li>Earth Science</li> <li>Environmental Science</li> <li>Astronomy</li> <li>Meteorology</li> <li>Zoology</li> <li>Plant Sciences</li> <li>Human Anatomy</li> <li>Physics</li> <li>AP Environmental Science</li> <li>AP Physics 1</li> <li>AP Biology</li> <li>AP Chemistry</li> <li>AP Physics 2</li> <li>AP Physics C</li> </ul>	<ul style="list-style-type: none"> <li>US History</li> <li>US History PBL</li> <li>AP US History</li> </ul>
12	<ul style="list-style-type: none"> <li>English 4</li> <li>College Comp 1 &amp; 2</li> <li>AP Literature</li> <li>AP Language</li> <li>AP Research</li> </ul>	<ul style="list-style-type: none"> <li>Algebra 2</li> <li>Algebra 2 College Prep</li> <li>Algebra 3</li> <li>Pre-Calc Alg/Trig</li> <li>AP Precalculus</li> <li>AP Statistics</li> <li>Survey of Calculus</li> <li>AP Calculus AB</li> <li>AP Calculus BC</li> <li>Applications of Math</li> <li>Calculus 3</li> </ul>		<ul style="list-style-type: none"> <li>Psychology</li> <li>AP Psychology</li> <li>Humanities</li> <li>Contemporary Issues</li> <li>AP Human Geography</li> <li>US Law &amp; Society</li> <li>Sociology</li> <li>AP World History</li> <li>Women in US Hist</li> <li>International Relations/AP Comp Government</li> </ul>

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