



SCIENCE, TECHNOLOGY, ENGINEERING & MATH

>> Path: Industrial & Engineering Technology

Science, Technology, Engineering, and Mathematics (STEM) careers use scientific, technological, engineering and/or mathematical processes for research and in solving problems.

> Career Pathways

- Engineering and Technology
- Science and Math

> Careers

- Chemist
- Electrical Engineer
- Hazardous Waste Technician
- Engineering Manager
- Lab Technician
- Technical Writer

> Recommended Career Electives

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

Grade 9

- Advanced Programming
- Intro to Engineering Design
- Intro to Programming
- IT Innovations
- Web Design 1 & 2

Grade 10

- AP Computer Science Principles
- AP Computer Science A
- Aviation 101
- Aviation: Drones
- Aviation: Piloting
- A+ Certification
- Cybersecurity
- Digital Electronics
- Principles of Engineering
- Product Manufacturing & Construction

Grade 11

- Civil Engineering & Architecture
- Engineering Design & Development
- Network+ /Server+ Certification
- Technology Helpdesk/Copilot

South Tech:

- CISCO Networking Academy
- Electronics & Robotics
- Web & Computer Programming

Grade 12

- 4th Year of Science
- 4th Year of Math
- Engineering and Technology Design & Development (STL CAPS)

South Tech:

- CISCO Networking Academy
- Electronics & Robotics
- Web & Computer Programming

Course descriptions are available at go.lindberghschools.ws/LHSNavigator



LINDBERGH HIGH SCHOOL

➤ Core Sequence of Courses

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

Course descriptions are available at go.lindberghschools.ws/LHSNavigator

