

# Lane Tech Curriculum Concentrations

Students will select a concentration in the fall of their freshman year. Students who choose art, music, drama, or computer science are indicating that they intend to take 4 classes within that department over their four years of high school. Students will work with their counselors annually to schedule the appropriate classes for their sophomore, junior, and senior years. Many students choose the Core concentration as it allows for the greatest choice of electives over the four years of high school.

		9	10	11	12
<b>Core</b>	1	English I	English II	English III or AP Language	English IV or AP Literature
	2	Algebra <sup>^</sup> or Geometry	Geometry or Alg II/Trig	Alg II/Trig or PreCalculus	Math Elective
	3	Biology	Chemistry	H or AP Physics	Science Elective
	4	H World Studies or AP Human Geography	H US History or AP World or AP European History	AP US History or H Civics	AP Government or Elective
	5	Language I	Language II	Language III	Senior Elective
	6	Art, Music, Drama, or CS	Art, Music, Drama, or CS	Art, Music, Drama, or CS	Senior Elective
	7	PE I or JROTC I/Health	PE II or JROTC II/Driver Ed	PE III or ROTC III*	PE IV or ROTC IV*
<b>Fine Arts (Drama, Art, Music)</b>	1	English I	English II	English III or AP Language	English IV or AP Literature
	2	Algebra <sup>^</sup> or Geometry	Geometry or Alg II/Trig	Alg II/Trig or PreCalculus	Math Elective
	3	Biology	Chemistry	H or AP Physics	Science Elective
	4	H World Studies or AP Human Geography	H US History or AP World or European History	AP US History or H Civics	AP Government or Elective
	5	Language I	Language II	H Language III	Computer Science Elective
	6	Art, Music, or Drama	Art, Music, or Drama II	Art, Music, or Drama III	Art, Music, or Drama IV
	7	PE I or ROTC I	PE II or ROTC II	H or AP Fine Arts Elective	H or AP Fine Arts Elective
<b>Computer Science</b>	1	English I	English II	English III or AP Language	English IV or AP Literature
	2	Algebra <sup>^</sup> or Geometry	Geometry or Alg II/Trig	Alg II/Trig or PreCalculus	Math Elective
	3	Biology	Chemistry	H or AP Physics	Science Elective
	4	H World Studies or AP Human Geography	H US History or AP World or European History	AP US History or H Civics	AP Government or Elective
	5	Language I	Language II	H Language III	AP Comp. Science Elective
	6	Exploring Comp. Science	Comp. Science Elective	Comp. Science Elective	Comp. Science Elective
	7	PE I or ROTC I	PE II or ROTC II	Art, Music, or Drama	Art, Music, or Drama
<b>α-STEM</b>	1	Alpha English I	Alpha English II	Alpha AP English Lang	Alpha AP English Lit
	2	Alpha Biology	Alpha Chemistry	Alpha AP Physics	AP Chem/Bio/Physics C*
	3	Alpha Geometry	Alpha Algebra Trig Pre-Calc	AP Stats	AP Calculus
	4	AP Human Geography	H US History	H Civics	Alpha Stem Research
	5	Language I	Language II	H Language III	*Double Period Science
	6	Art, Music, Drama, or CS	AP Environmental Science	STEM Elective	H or AP Elective or Lab for double period AP course
	7	PE I or ROTC I	PE II or ROTC II	Art, Music, Drama, or CS	Art, Music, Drama, or CS
<b>Omega</b>	1	Omega English I	Omega English II	Omega AP English Lang.	Omega AP English Lit.
	2	Algebra <sup>^</sup> or Geometry	Geometry or Alg II/Trig	Alg II/Trig or PreCalculus	Math Elective
	3	Biology	Chemistry	H or AP Physics	Science Elective
	4	Omega AP Human Geo.	Omega AP World History	Omega AP US History	Omega AP Government
	5	Language I	Language II	H Language III	AP Psychology
	6	Art, Music, Drama, or CS	Art, Music, Drama, or CS	Art, Music, Drama, or CS	H or AP Senior Elective
	7	PE I or ROTC I	PE II or ROTC II	PE III or ROTC III*	PE IV or ROTC IV*

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Students who would like to be part of the Alpha or Omega program must complete the appropriate Intent form at [www.lanetech.org/freshmen](http://www.lanetech.org/freshmen). Student will be programmed into Alpha or Omega classes after completing the Intent Form and acceptance into the program. Students who are interested in the AP Capstone program will take AP Seminar as a junior elective and AP Research as a senior elective. Students who attend CPS Academic Centers will be placed in the appropriate class based on credits for completed courses. Students will work with their counselors annually to schedule the appropriate classes for their sophomore, junior, and senior years. More information will be provided at Meet and Greet.

^ Entering freshmen may take Geometry based on their Algebra exit exam score.

\* The third and fourth year of PE/ROTC can be waived. Students will work with their counselors during their sophomore year to determine whether they are required to take PE/ROTC III & IV.

All students will work with their counselors annually to select classes for the following year. Counselors perform credit checks each year to ensure that students are on track to meet all CPS graduation requirements and will assist students with choosing classes.







