

## Leonard High School Course Requirements 2021-2022

Name:

Entering Grade:

### Core Requirements

	9th	10th	11th	12th
<b>English (4 Credits)</b>	English I	English II	English III	English IV/ CPELA
	English I Honors	English II Honors	English III Honors	Dual Credit ENGL (ENGL 1301/1302)
<b>Mathematmatics (4 Credits)</b>	Alg. 1/ 8th gr	Geometry	Algebra II	Dual Credit Math
			Algebra II Honors	Calculus
	Algebra I	Geometry Honors	Pre-Calculus	CPMath
				Financial Math
<b>Science (4 credits)</b>		IPC - Integrated Physics and Chemistry	Advanced Plant Science (can only take once)	Forensic Science
	Biology	Chemistry	Physics	Scientific Research and Design 2
	Biology Honors	Chemistry Honors	Physics Honors	Scientific Research and Design Practicum
		Adv. Plant Science	Scientific Research and Design	
<b>Social Studies <small>(must include W.Geo, US History, Govt/Eco)</small></b>	World History	US History	World Geography	Government/ Economics Dual Credit
	World Hlstory Honors	US History Honors	World Geo Honors	
		Psych/Sociology	US History Dual Credit	Government/ Econmoics
			Psych/Philosophy Dual Credit	
<b>Non Core Requirements</b>				
<b>Foreign Language (must have 2 credits)</b>				
	<b>Spanish I</b>	<b>Spanish II</b>		
	Art 1	Art II	Art III	Art IV

	Band I	Band II	Band III	Band IV
<b>Fine Arts</b>	Theater	Theater II	Floral Design II	
	Boys Athletics I	Boys Athletics II	Boys Athletics III	Boys Athletics IV
	Girls Athletics I	Girls Athletics II	Girls Athletics III	Girls Athletics IV
<b>Athletics/ P.E.</b>	Marching Band I			
	PE			
<b>Business</b>	BIM	Professional Communications	Practicum in Business Management	
	Money Matters	Accounting I		Financial Math
	Principles of A/V Technology	Animation I / Video Game	Animation II/ Video Game	Practicum in Animation
	Fashion Design	Video Game Design	Graphic Design and Illustration	
<b>CTE Tech</b>	Digital Media	Commercial Photography	Commercial Photography II	Practicum in Commercial Photography
	Intro to Engineering	Robotics	Scientific Research and Design I	Scientific Research and Design II
	Principles of Education and Learning			
	Principles of Health Science	Medical Terminology	Criminal Investigation	
	Principles of Human Services			
<b>Public Service</b>	Principles of Law, Public Safety, and Security			
	Principles of Ag/ 8th Grade	Livestock Production	Advanced Animal Science	Practicum in AFNR
	Principles of Ag	Sm. Animal Mgmt./Equine Science		
		Ag Mechanics	Ag Power Systems	Ag Equipment and Design
<b>Ag/ Horticulture</b>		Range Ecology and Management	Practicum in AFNR	
<b>LOCAL</b>	Horticulture	Greenhouse Operations	Advanced Plant Science	Scientific Research and Design
				Senior Seminar Next Prep

## ENDORSEMENTS

<b>Arts and Humanities</b>				
<b>Arts and Humanities</b>	any 4 years of a fine arts or 5 credits in Social studies			
<b>Business and Industry</b>				
<b>Agribusiness</b>	Principles of Ag	Professional Communications	Practicum in AFNR	
	Principles of Ag	Livestock Production	Advanced Animal Science	Practicum in AFNR
<b>Animal Science</b>				Scientific Research and Design
	Principles of Ag	Ag Mech	Ag Power	Practicum in AFNR
<b>Applied Agricultural Engineering</b>				Scientific Research and Design
<b>Environmental and N. Resources</b>	Principles of Ag		Practicum in AFNF	Scientific Research and Design
	Principles of Ag	Greenhouse Operations	Horticultural Science	Practicum in AFNR
			Floral Design	Advanced Plant Soil Science
<b>Plant Science</b>				Scientific Research and Design
	Principles of A/V Tech	A/V Production	A/V Production II	

<b>Digital Communications</b>	Professional Communications	Digital Audio Tech	Digital Audio Tech II	Practicum in Audio/Visual Prouction
<b>Design and Multimedia Arts</b>	Principles of A/V Tech	Animation I	Animation II	Practicum in Animation
	Digital Media	Commercial Photography I	Commercial Photography II	Practicum in Commercial Photography
	Video Game Design	Fashion Design I	Graphic Design and Illustration	Career Prep
	Money Matters		Accounting I	
<b>Accounting and Financial Services</b>	Business Information Management I	Financial Math		Practicum in Business Managment
<b>Business Management</b>	BIM I	BIM II	Practicum in Business Managment	
<b>Adv. Manufacturing and Machinery</b>	Principles of Applied Engineering	Robotics I	Scientific Research and Design I	Scientific Research and Design II
<b>Public Service</b>				
<b>Health Informatics**</b>	Principles of Heath Science	Medical Terminology	Project Based Research	
		Business Managment		
<b>Law Enforcement**</b>	Principles of Law, Public Safety, Corrections and Security		Forensic Science	
		Criminal Investigations		
<b>Early Learning</b>	Principles of Education and Training			
<b>Multidisciplinary</b>				
<b>General Courses Pathway</b>	4 credits in each of the four foundation subject areas (Math, Science, English, Social Studies) to include at least English IV and Chemistry and/or Physics			
<b>Dual Credit Pathway</b>	* 4 credits in dual credit selected from English, Mathematics, science, social studies, econ , etc.			
<b>STEM</b>				
<i>Must complete Algebra II, Chemistry and Physics in addition to one of the following pathways.</i>				
<b>CTE-Engineering Pathway</b>	Principles of Applied Engineering	Robotics	Scientific Research and Design I	Scientific Research and Design II
<b>Mathematics Pathway</b>	Any 5 credits from the Math Sector with 2 credits in Pre-Calculus, Calculus, College Algebra (Math 1314), or any AP Mathematics Course			
<b>Science Pathway</b>	Biology	Any Two Credits From:		
		Anatomy and Physiology	Advanced Plant and Soil Science	Scientific Research and Design
		Advanced Animal Science	Scientific Research and Design II	