

Liberal Arts and Science Academy Course Offerings for 2010-2011

Grades 10 - 12

Fall Semester Term 1	Spring Semester Term 2	Offered Either Semester	Course Title	Credit	Grade	Preq	Fall Semester Term 1	Spring Semester Term 2	Offered Either Semester	Course Title	Credit	Grade	Preq
Mathematics							Science						
			Magnet Geometry	1.0	9-12	Alg. I				Magnet Chemistry	1.0	10-12	Alg. I
			Topics Geometry	1.0	9-12	Alg. I				Topics Chemistry*	1.0	10-12	Tch Aprvl
			Regular Algebra II	1.0	9-12	Alg. I: Geom				Regular Physics	1.0	11-12	Geom
			Magnet Algebra II	1.0	9-12	Alg. I: Geom				Magnet Physics	1.0	11-12	Alg. II Mag
			Topics Algebra II	1.0	9-12	Alg. I: Geom				AP Physics B	1.0	11-12	Alg. II Topics
										AP Physics C	1.0	11-12	Tch Aprvl
			* Regular Precalculus	1.0	10-12	Alg II	* Must meet the following grade requirements from your current math class:						
			* Magnet Precalculus	1.0	10-12	Alg II	Pre-Cal – 80 or above, Algebra II – 85 or above, Geometry – 90 or above						
			* Topics Precalculus	1.0	10-12	Alg II							
*Math classes that may satisfy your fourth year math credit that you need to graduate							* All Chemistry students will be required to purchase their own goggles from their Chemistry teacher at the start of next school year at a cost of \$1.39. You will use these goggles for the next 3 years in your science classes.						
*Completion through Pre-Calculus is required to graduate with the LASA Magnet Endorsement.							**Students on Free and Reduced Lunch may request a fee wavier from their Chemistry teacher next year.						
Mathematics Electives							Science Electives						
			* Intro to Mathematical Thought	1.0	10-12	Precal				* AP Biology	1.0	10-12	Bio & Chem.
			* AP Statistics	1.0	10-12	Alg. II				* AP Chemistry	1.0	10-12	Tch Aprvl +
			* AP Calculus AB	1.0	11-12	Precal				Modern Physics	1.0	11-12	Geom
			* AP Calculus BC	1.0	11-12	Precal				* Anatomy/Physiology	1.0	11-12	Bio & Chem
			Differential Equations	0.5	11-12	concurrent BC				* Medical Microbiology	1.0	11-12	Bio & Chem
			Discrete Math	0.5	11-12	concurrent BC							
			Multivariable Calculus	1.0	11-12	Calculus				* AP Environmental Science	1.0	10-12	Bio & Alg. I
			Linear Algebra	0.5	12	Precal				* Astronomy	1.0	11-12	Bio & Chem
			Number Theory	0.5	12	Precal				* Earth and Space Science	1.0	11-12	Bio & Chem
										* Environmental Systems	1.0	11-12	Bio & Chem
										* Engineering Design & Prob Solv	1.0	11-12	Alg II & Phy
										* Science Olympiad I	1.0	10-12	Tch Aprvl
										* Science Olympiad II	1.0	11-12	SciO I & Tch Aprvl
										* Bio Technology	1.0	11-12	Bio & Alg I
										Research Practicum I	1.0	12	Tch Aprvl
*Math classes that may satisfy your fourth year math credit that you need to graduate							*Science classes that may satisfy your fourth year science credit that you need to graduate						
							+ Magnet Chemistry students must receive teacher approval						
H,M, and P courses receive weighted credit													
R courses receive regular credit													

Fall Semester Term 1	Spring Semester Term 2	Offered Either Semester	Course Title	Credit	Grade	Prq	Fall Semester Term 1	Spring Semester Term 2	Offered Either Semester	Course Title	Credit	Grade	Prq
Theatre Arts							Languages Other Than English						
			Theatre Arts I	1.0	9-12		2461.R000.Y			Chinese I	1.0	9-12	
1643.R000.Y							2462.R000.Y			Chinese II	1.0	9-12	Chinese I
1646.R000.Y			+ Theatre Arts II	1.0	10-12	Tch Aprvl	2013.R000.Y			French I	1.0	9-12	
1653.R000.Y			* + Theatre Arts III	1.0	11-12	Tch Aprvl	2023.R000.Y			French II	1.0	9-12	French I
1663.R000.Y			* + Theatre Arts IV	1.0	12	Tch Aprvl	2033.H000.Y			Pre-AP French III	1.0	9-12	French II
							2043.P000.Y			AP French IV	1.0	9-12	French III
1644.R000.Y			Technical Theatre I	1.0	9-12		2053.H000.Y			French Literature V	1.0	9-12	AP Fren IV
1647.R000.Y			+ Technical Theatre II	1.0	10-12	Tch Aprvl	2063.H000.Y			French VI	1.0	9-12	AP Fren V
1649.R000.Y			* + Technical Theatre III	1.0	11-12	Tch Aprvl	2113.R000.Y			German I	1.0	9-12	
1650.R000.Y			* + Technical Theatre IV	1.0	12	Tch Aprvl	2123.R000.Y			German II	1.0	9-12	German I
							2133.H000.Y			Pre-AP German III	1.0	9-12	German II
1619.R000.Y			* + Theatre Production III	1.0	11-12	Tch Aprvl	2143.P000.Y			AP German IV	1.0	9-12	German III
+ All Theatre Arts II-IV, Technical Theatre II-IV, and Theatre Production III classes require an audition and teacher approval, <i>NO EXCEPTIONS</i> . See Melissa Alexander if you have any questions.							2153.H000.Y			German V	1.0	9-12	AP Germ IV
							2471.R000.Y			Japanese I	1.0	9-12	
							2472.R000.Y			Japanese II	1.0	9-12	Japan I
							2473.H000.Y			Pre-AP Japanese III	1.0	9-12	Japan II
Choral Music							2474.P000.Y			AP Japanese IV	1.0	9-12	Japan III
5621.R000.Y			Varsity Mixed Choir I	1.0	9-12	Tch Aprvl	2475.H000.Y			Japanese V	1.0	9-12	Japan IV
5622.R000.Y			Varsity Mixed Choir II	1.0	10-12	Tch Aprvl	2213.R000.Y			Latin I	1.0	9-12	
5623.R000.Y			* Varsity Mixed Choir III	1.0	11-12	Tch Aprvl	2223.R000.Y			Latin II	1.0	9-12	Latin I
5624.R000.Y			* Varsity Mixed Choir IV	1.0	11-12	Tch Aprvl	2233.H000.Y			Pre-AP Latin III	1.0	9-12	Latin II
							2243.P000.Y			AP Latin IV Vergil	1.0	9-12	Latin III
5912.H000.Y			Pre-AP Music Theory 2	1.0	10-12	Tch Aprvl	2253.H000.Y			Latin Literature V	1.0	9-12	AP Lat IV
5930.P000.Y			AP Music Theory	1.0	10-12	Tch Aprvl	2313.R000.Y			Spanish I	1.0	9-12	
LOTE Electives							2323.R000.Y			Spanish II	1.0	9-12	Spanish I
2110.R000.Y			Japanese Culture	1.0	10-12		2333.R000.Y			Regular Spanish III	1.0	9-12	Spanish II
							2333.H000.Y			Pre-AP Spanish III	1.0	9-12	Spanish II
							2343.P000.Y			AP Spanish IV	1.0	9-12	Spanish III
							2353.P000.Y			AP Spanish Literature V	1.0	9-12	AP Span IV
*Student may receive honors weighted credit for the course once they have completed the required extra work.							2363.H000.Y			Spanish VI	1.0	9-12	AP Span V
H,M, and P courses receive weighted credit							Courses listed above will ONLY be offered if enough students register						
R courses receive regular credit													

Fall Semester Term 1	Spring Semester Term 2	Offered Either Semester	Course Title	Credit	Grade	Prq	Fall Semester Term 1	Spring Semester Term 2	Offered Either Semester	Course Title	Credit	Grade	Prq
Instrumental Music													
5331.R000.X			Marching Band I	0.5	9-12	Tch Aprvl	6th pd Beginner Orchestra						
5332.R000.X			Marching Band II	0.5	10-12	Tch Aprvl	5421.R000.Y			Symphonic Orchestra I	1.0	9-12	Tch Aprvl
5333.R000.X			Marching Band III	0.5	11-12	Tch Aprvl	5422.R000.Y			Symphonic Orchestra II	1.0	10-12	Tch Aprvl
5334.R000.X			Marching Band IV	0.5	12	Tch Aprvl	5423.R000.Y		*	Symphonic Orchestra III	1.0	11-12	Tch Aprvl
**Each fall semester of Marching Band will satisfy 0.5 credit of PE graduation requirements							5424.R000.Y		*	Symphonic Orchestra IV	1.0	12	Tch Aprvl
6th pd Beginner Band							7th pd Intermediate Orchestra						
5331.R000.Y			Concert Band I	1.0	9-12	Tch Aprvl	5421.R100.Y			Philharmonic Orchestra I	1.0	9-12	Tch Aprvl
5332.R000.Y			Concert Band II	1.0	10-12	Tch Aprvl	5422.R100.Y			Philharmonic Orchestra II	1.0	10-12	Tch Aprvl
5333.R000.Y		*	Concert Band III	1.0	11-12	Tch Aprvl	5423.R100.Y		*	Philharmonic Orchestra III	1.0	11-12	Tch Aprvl
5334.R000.Y		*	Concert Band IV	1.0	12	Tch Aprvl	5424.R100.Y		*	Philharmonic Orchestra IV	1.0	12	Tch Aprvl
7th pd Intermediate Band							8th pd Advanced Orchestra						
5331.R100.Y			Symphonic Band I	1.0	9-12	Tch Aprvl	5421.R200.Y			Camerata Orchestra I	1.0	9-12	Tch Aprvl
5332.R100.Y			Symphonic Band II	1.0	10-12	Tch Aprvl	5422.R200.Y			Camerata Orchestra II	1.0	10-12	Tch Aprvl
5333.R100.Y		*	Symphonic Band III	1.0	11-12	Tch Aprvl	5423.R200.Y		*	Camerata Orchestra III	1.0	11-12	Tch Aprvl
5334.R100.Y		*	Symphonic Band IV	1.0	12	Tch Aprvl	5424.R200.Y		*	Camerata Orchestra IV	1.0	12	Tch Aprvl
8th pd Advanced Band							*Student may receive honors weighted credit for the course once they have completed the required extra work.						
5331.R200.Y			Wind Ensemble I	1.0	9-12	Tch Aprvl							
5332.R200.Y			Wind Ensemble II	1.0	10-12	Tch Aprvl							
5333.R200.Y		*	Wind Ensemble III	1.0	11-12	Tch Aprvl							
5334.R200.Y		*	Wind Ensemble IV	1.0	12	Tch Aprvl							
**You will need to indicate 'S2' next to your spring band class if you are marching in the fall.													
1st pd													
5341.R000.Y			Jazz Ensemble I	1.0	9-12	Tch Aprvl							
5342.R000.Y			Jazz Ensemble II	1.0	10-12	Tch Aprvl							
5343.R000.Y			Jazz Ensemble III	1.0	11-12	Tch Aprvl							
5344.R000.Y			Jazz Ensemble IV	1.0	12	Tch Aprvl							
3rd pd													
5521.R000.Y			Stage Band I	1.0	9-12	Tch Aprvl							
5522.R000.Y			Stage Band II	1.0	10-12	Tch Aprvl							
5523.R000.Y			Stage Band III	1.0	11-12	Tch Aprvl							
5524.R000.Y			Stage Band IV	1.0	12	Tch Aprvl							
											H,M, and P courses receive weighted credit		
											R courses receive regular credit		