



## 2021-2022 Lake Wales High School Freshman Elective Choices

Class	Grade	Description
Agricultural Science Foundations	9th/10th	This course is designed to develop competencies in the areas of agricultural history and the global impact of agriculture; career opportunities; scientific and research concepts; biological and physical science principles; environmental principles; agriscience safety; principles of leadership; and agribusiness, employability, and human relations skills in agriscience. Laboratory-based activities are an integral part of this course. These include the safe use and application of appropriate technology, scientific testing and observation equipment.
Introductory Horticulture 2 (pre-requisite Ag. Sci. Found.)	9th - 11th	This course is designed to develop competencies in the areas of career opportunities; global importance of agriculture; plant classification; propagation; growing media; nutritional needs; fertilization; irrigation; pest identification; pest control, pruning; plant installation; transplanting; safe hand-tool use; and employability skills. Students that complete Hort 2 will continue to Hort 3, and Hort 4.
Vet Assisting 1	9th	This course is designed to develop competencies in areas such as the history of the animal industry; applied scientific and technological concepts; safety; terminology; careers; breed identification; animal care and human relations skills. Students that complete Vet 1 can continue with Vet Asst 2, Vet Asst 3, and Vet 4 which is a practicum experience.
JROTC	9th - 12th	JROTC stands for Junior Reserve Officer's Training Corps. It is a military regulated high school program whose purpose is to educate high school students in leadership roles while making them aware of the benefits of citizenship. The mission of JROTC is to motivate young people to become better American citizens.
Visual Technology	9th - 12th	Learning the basics of film making and film theory by studying movies, discussing the techniques, and the system of Hollywood. Students who take Visual Tech receive their performing arts credit and can continue in the program with Film 1, 2, and 3 honors.
Journalism 1 (Yearbook)	9th/10th	Help plan and create the LWHS yearbook learning to use design software, journalistic writing, photography, and various design techniques.
Band 1	9th - 12th	Playing a band instrument and marching in the highlander band.
Chorus 1	9th - 12th	Focuses on vocal skills and performances
Music of the Worlds	9th - 12th	Learn about the musical styles and instruments from all around the world.
Orchestra I	9th - 12th	Learn to play or continue playing an orchestral stringed instrument, including violin, viola, cello, and bass. All ability levels are invited.
Guitar	9th - 12th	Learning to play the guitar
Dance	9th - 12th	Learning different styles and genres of dance. Experience is not required.
Drums	9th - 12th	Learning drum skills and drum line. Experience not required.



Physical Education	9th - 12th	PE classes focus on health, exercise and different sports.
Personal Fitness	9th - 12th	A physical education class focused on health and fitness. It is one semester and is taken with another PE class.
Weightlifting	9th - 12th	A PE class focusing on safety lifting weights and creating a workout plan.
Art	9th	A yearlong elective in which the first semester is focused on drawing techniques and the 2nd semester if focused on painting techniques.
Design Technology	9th - 12th	21st Century Shop: A Project-based class incorporating basic CAD/CAM, 3d printing, woodworking, and welding while centered around the Keystone Design Process. Student that complete Design I can continue with Design II, III, IB Design Technology, and field-based internship opportunities.
Applied Engineering	You must begin this program as a freshman	Ever question HOW or WHY something works the way it does? You've found the right program. This hands-on program explores the HOW and WHY of engineering concepts which can be seen in everyday life. Students design, create, and compete with original student builds, based on award winning engineering trainers. Earn up to 18 college credits within this 4 year program.
Early Childhood 1	9th & 10th, but best to start as a freshman	Students will enroll in the Department of Children and Families Child Care Training courses which include six modules. Students will also be tested by DCF three times throughout the year. This course prepares students to work in Early Childhood Education and to prepare for the national Child Development Associate Industry Certification exam.
Culinary 1	9th & 10th	Culinary 1 students will begin to learn food safety and begin to build their knowledge of the culinary arts field. Students who continue in the academy will have the opportunity to take the ServSafe Industry Certification exam as an upperclassmen.
Health Science 1	9th & 10th	Health Science 1 has a focus on Anatomy and Physiology to begin building a student's understanding of the body. Along with counting for the 1st course for the Health Science Academy, this course can also counts as a Science credit towards High School Graduation.