



# STANDLEY LAKE HIGH SCHOOL

## Freshman Registration Guide

### NCAA ELIGIBILITY

The NCAA has approved courses at Standley Lake High School for use in establishing initial eligibility certification for potential college student athletes. These core courses are identified in this booklet with an asterisk (\*) beside the course title along with the description in the Department section. Be aware that the revised NCAA requirement is 14 core credits. Beginning with the Class of 2008 the requirement is 16 core credits. Types of core courses vary between Division I and Division II schools. Application for initial eligibility can be obtained in the Counseling Office or online at [ncaaclearinghouse.net](http://ncaaclearinghouse.net) and our school code is 060151. Division III can be through NCAA or NAIA, depending on the school.

### HIGH SCHOOL GRADUATION REQUIREMENTS

#### Classes 2013 and Beyond

English	4.0 credits
Social Studies	3.5 credits ( <i>Govt, Geog., Am Hist, US/World Hist, Econ</i> )
Mathematics	3.0 credits ( <i>At the level of Algebra I or above.</i> )
Science	3.0 credits
Physical Education	.5 credit
Elective Courses	8.5 credits
Fine/Practical Arts	<u>.5 credit</u>
TOTAL CREDITS	23.0

**\*Beginning with the Class of 2013, you must have earned all graduation requirements in order to walk at graduation.**

### SUMMARY OF THE PRE-COLLEGIATE CURRICULUM (HEAR)

In October, 2003, the Colorado Commission on Higher Education approved revisions to its Admissions Standards Policy that include the addition of a pre-collegiate curriculum requirement. The curriculum revision applies to students who graduate from high school in spring 2008 and later and seek to qualify for admission to Colorado's four-year public institutions. This means that the current minimum requirements for a high school diploma will not qualify your student for admission into one of these institutions.

Academic Area	Number of Credits
English	4
Mathematics (Algebra I level and higher)	4

Natural Sciences (two credits must be lab-based)	3
Social Studies (at least one credit of U.S. or World History)	3
World Language (varies by college)	1
Academic Electives	<u>2</u>
TOTAL	17

## ART

All fees cover consumable materials used in classroom.

### **CERAMICS/POTTERY**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$35 includes tools, clay, glazes, sketch book.

Ceramics/Pottery is an introduction to clay consisting of both hand and wheel thrown methods of construction. The course will include an examination of clay, glaze, decoration methods, and firing process. The emphasis of this course focuses on understanding and applying the aesthetics, processes, form, and function of the ceramics art form. Competencies will include technique, craftsmanship and the expressive potential of clay, related to the ceramic processes and aesthetics of the finished object. Students will develop a vocabulary specific to the medium and be aware of the safety issues involved in working with ceramic materials and techniques.

### **CERAMICS/POTTERY INTERMEDIATE**

Length: Semester

Grades: 9-12

Prerequisite: Ceramics

Fee: \$35 includes tools, clay, glazes, sketch book.

Ceramics/Pottery Intermediate is a continued exploration of basic handbuilding and wheel throwing techniques. Emphasis on developing proficiency in clay use, surface applications, and kiln firings. Emphasis is on continuing development of personal expression, aesthetic, technical competency and craft in the functional and sculptural ceramic artform. Safety issues continue to be addressed.

### **CREATIVE ART-DRAWING**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$25 includes pencils, erasers, blending stick, sketch book, drawing paper, graphite and chalk pastels.

Creative Art-Drawing is an introduction to the fundamentals of drawing. Students will focus on work with a pencil, but will also explore other mediums such as graphite, pastel, and charcoal. Realism skills will be developed through perspective, figure drawing, and portrait drawing, and abstract skills will be developed through a series of projects as well. Contemporary and historical art trends will be incorporated in the course work.

### **CREATIVE ART-DRAWING INTERMEDIATE**

Length: Semester

Grades: 9-12

Prerequisite: Drawing

Fee: \$25 includes pencils, erasers, blending stick, sketch book, drawing paper, graphite, pens, and inks

Creative Art-Drawing Intermediate will allow students who completed Beginning drawing to expand their skills. Students will explore new mediums and techniques while focusing on observation and compositional elements. Contemporary trends in art will be integrated within this course to enrich student knowledge and awareness.

### **JEWELRY**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$55 includes supplies, copper, brass, silver, stone, sketch book.

Beginning Jewelry places an emphasis on The Elements and Principles of Design. Students explore the basics of metalwork processes: sawing, riveting, soldering, and finishing as they relate to the creation of jewelry.

### **JEWELRY INTER MEDIATE**

Length: Semester

Grades: 9-12

Prerequisite: Jewelry

Fee: \$55 includes supplies, copper, brass, silver, stone, sketch book.

Intermediate Jewelry students expand their skills in metalwork. Students explore new techniques while focusing on observation and compositional elements. Students will learn about Lamp work (glass beading) and more sculptural works of art. Contemporary trends in jewelry will be integrated within this course to enrich student knowledge and awareness.

### **CREATIVE ART-PAINTING**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$35 includes acrylic and watercolor paint, sketch book, paintbrushes, paper, canvas, varnish.

Students can expect to gain a strong foundation in painting in this beginning level class. Composition, the visual elements, the principles of design, and the basic techniques and concepts of painting will be covered. The end goals are to increase artistic self confidence, increase one's understanding of the basics of painting and to produce successful works. Media used could be various like watercolor, tempera, and acrylic. Students explore art theories, aesthetics, and art history.

### **CREATIVE ART-PAINTING INTER MEDIATE**

Length: Semester

Grades: 9-12

Prerequisite: Painting

Fee: \$35 includes acrylic and watercolor paint, sketch book, paintbrushes, paper, canvas, varnish.

This second level course builds upon the experiences of Painting 1. Students who choose to take this course should be confident with their skills and ready to produce more complex finished paintings. An emphasis will be on the development of a more personal style, sophisticated approaches to the development of ideas, development of a greater awareness to art beyond school, and the introduction of new techniques. Artists and contemporary trends will be integrated within this course to enrich student knowledge and awareness.

### **INTERACTIVE MEDIA – ADOBE PHOTOSHOP (Concurrent Enrollment Course)**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$15 includes paper, photo paper, printer ink, matboard, Exacto blade.

This course concentrates on the high-end capabilities of a raster photo-editing and image manipulation software as an illustration, design and photo retouching tool. Students explore a wide range of selection and manipulation techniques that can be applied to photos and graphics. Students use creative thinking to solve communication and design problems. Emphasis will be placed on quality design work, art appreciation, and the application of computer graphics within the field of art. Fee includes all students' supplies such as paper, ink for printing, computer discs, and other supplies for producing final artwork. Students will receive college credit through Front Range Community College.

### **INTERACTIVE MEDIA – ILLUSTRATOR**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$15 includes paper, photo paper, printer ink, matboard, Exacto blade

This course concentrates on the processes of a vector drawing program. Students learn how to use the tools to create digital artwork that can be used in web design, print media and digital screen design. Students apply creative thinking skills to solve visual communication and design problems. Emphasis will be placed on quality design work, art appreciation, and the application of computer graphics within the field of art. Fee includes all students' supplies such as paper, ink for printing, computer discs, and other supplies for producing final artwork.

### **INTERACTIVE MEDIA MULTIMEDIA**

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$15 includes paper, photo paper, printer ink, matboard, Exacto blade

In Interactive Media, students will explore and use graphic programs to learn special digital effects then move onto video production. Scanning, sound capture enhancement and story boarding skills will be used in the process of digital movie production, frame by frame animation, and web layout.

### **PHOTOGRAPHY**

Length: Semester

Prerequisite: Students furnish their own 35 mm camera

Grades: 9-12

Fee: \$40 include 5 rolls of film, 2 matboards, photo paper, chemicals.

In Photography, students will receive a fundamental course covering selection, care, maintenance, handling of cameras, film types, light metering, and compositional techniques. Emphasis will be on 35mm SLR camera techniques. Basic darkroom procedures such as film processing, contact printing, and enlarging will be covered.

### **PHOTOGRAPHY INTERMEDIATE**

Length: Semester

Prerequisite: Photography (1 semester)  
Students must furnish their own 35mm camera

Grades: 9-12

Fee: \$40 includes sketch book, 5 rolls of film, photo paper, chemicals.

Intermediate Photography emphasizes photography as an art form. Students will be encouraged to use photography as a creative and expressive tool through experimental darkroom techniques, multiple image exposure, hand coloring, and other expressive processes which are used to produce strong visual images. Additionally, students will learn how to use the zone system for managing film and print exposure.

## **CAREER TECHNICAL EDUCATION**

### **Family and Consumer Studies, And Technical Education**

### **TEEN CHOICES**

Length: Semester

Prerequisite: None

Grades: 9, 10

Fee: \$25 includes guest speaker fees, nutritional snack lab, Classroom supplies, poster board and a student activity book.

Teen Choices includes large and small group activities designed to help the students understand themselves and their relationships with others. Students will develop techniques for handling friends, high school, dating and other teen related issues. Topics to be covered include responsible decision making and problem solving, human development, sexuality issues, abstinence, effective communication, teens and the law, destructive behaviors and addictions. Methods of handling social pressures and a teen's personal power will be emphasized.

### **FASHION (Semester One)**

Length: Semester

Prerequisite: None

Grades: 9-12

Fee: \$35 includes poster board, sewing project pattern, jewelry making supplies, knitting supplies, scrapbooking supplies.

Fashion students will experience the traits, characteristics and influences that determine clothing choices and image as well as researching and identifying various fads, fashions, and careers throughout the industry. Students will identify

the principles of line, design and color in addition to an understanding of pattern and fabric selection. They also will acquire basic sewing skills/techniques necessary for clothing construction.

### **INTERIOR DESIGN**

Length: Semester

Prerequisite: None

Grades: 9-12

Fee: \$35 includes copies, color printing, poster board, hot glue sticks, field trip costs, classroom supplies.

Interior Design courses provide students with knowledge and skills regarding interior design. While exploring design elements and principles, personal needs/style, and decision-making, students may have an opportunity to explore such topics as color, texture, furniture styles and arrangement, lighting, window treatments, floor and wall coverings, and home improvement/modification. These courses emphasize residential and possibly commercial design.

### **INTRODUCTORY FOODS & NUTRITION**

Length: Semester

Prerequisite: None

Grades: 9-12

Fee: \$55 includes food supplies.

Optional fee: \$15 for SLHS Gator Gourmet Cookbook.

This is an introductory course in food preparation and nutrition. Throughout foods lab experiences, students will be learning the principles of cooking and preparing foods, egg cookery, quick and yeast breads, poultry and beef dishes, and fruits and vegetables. Students will learn the importance of healthy eating habits. In addition, students will acquire the knowledge about safety and sanitation, equivalents and equipment needed to be successful in the kitchen.

### **TECHNICAL EDUCATION**

Auto Mechanic fees are used for the following:

Hand towels

Waterless hand cleaner

Gasoline for shop engines

Engine oil for shop engines

Replace missing hand tools

Engine parts lost or accidentally broken

Welding supplies

### **SMALL ENGINE MECHANICS**

Length: Semester

Prerequisite: None

Grades: 9-12

Fee: \$10 (materials for Co-2 car)

Small Engine Mechanics utilizes the technology of a small engine, and how small engines are used in today's transportation, lawn equipment and recreation vehicles. Students will demonstrate skills used in dismantling, measuring engine parts, as well as, assembling a small engine and tuning it to specifications.

### **AUTO MECH COMPREHENSIVE (Beginning)**

Length: Semester

Prerequisite: None

Grades: 9-12

Fee: \$25

This course focuses on lecture and laboratory experiences in the removal and installation procedures of the automotive engine from and into front wheel and rear wheel drive vehicles. The students will have lecture and laboratory experiences in the disassembly, diagnosis and reassembly of the automotive engine. Topics include the diagnostic and repair procedures for the engine block and head assemblies. Practical and safe methods of removal and installation of engines, transmissions, transfer cases, clutch assemblies, bolt, and thread repair are included in the course.



# COMPUTER PROGRAMMING

All fees for Computer Programming provide students with two computer disks, printing privileges, equipment, and circuit components

## COMPUTER PROGRAMMING

Length: Semester

Grades: 9-12

Prerequisite: Completion of Algebra with B or better Fees: \$10 includes study guides, reference manuals, and storage drives.

In Computer Programming, students learn how to write computer programs using a variety of programming languages. Possible computer programming languages include: C++, C#, Java, Flash ActionScript 3, Python and JavaScript. Students also learn how to use industry-standard Interactive Development Environment (IDE) software such as Microsoft Visual Studio, Eclipse and Flash or Flex. Learning objectives include: types, variables and standard I/O, truth and branching, for loops, strings and arrays, standard template library, functions (methods in Java), references, pointers, classes, advanced classes and dynamic memory, inheritance and polymorphism.

## BUSINESS COMPUTER APPS

Length: Semester

Grades: 9-12

Prerequisite: None

Fee: \$10 includes Software Licensing and Program Subscriptions

Business Computer Apps introduces computer concepts and components as well as application suite software and the Internet. Included are hands-on experiences with word processors, spreadsheets, databases, presentation software, operating environments, and other common applications packages.

## WEB PAGE DESIGN BEGINNING

Length: Semester

Grades: 9-12

Prerequisites: Completion of Algebra I with C or better

Fee: \$10 includes Adobe licenses.

Students will learn the history of the Internet, email principles, HTML coding, and FTP. Hand coding of HTML programming will be required to build a strong knowledge of how this language works before moving to WYSIWYG (what you see is what you get) program use. Students will learn to create solid navigation architecture, address a target audience as well as information planning and usability analysis. Beginning graphic design for the Web will address site look, feel and voice and creation of GIF and JPEG images. Multimedia MIDI sound files will also be introduced.

# ENGLISH

*Summer Reading: Every student must read the specific works selected by the English Department for his/her particular class before the first day of class.*

## ENGLISH/LANG ARTS 9\*

Length: Year

Grade: 9

Prerequisite: None

English/Language Arts 9 incorporates the five aspects of Language Arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and nonfiction.

**ENGLISH/LANG ARTS 9 HONORS\***

Length: Year

Grade: 9

Prerequisite: Application Required

English/Language Arts 9 Honors incorporate the five aspects of Language Arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and nonfiction. The Honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex test/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the Honors course.

The following are elective courses offered by the English Department. Students will receive elective credit for these courses.

**DRAMA-ACTING/PERF BEGINNING**

Length: Semester

Grades: 9-12

Prerequisite: None

Drama-Acting/Performance is intended to promote students' experience and skill development in one or more aspects of theatrical production, but they concentrate on acting and performance skills. This course is introductory in nature.

**DRAMA-ACTING/PERF INTERMEDIATE**

Length: Semester

Grades: 9-12

Prerequisite: Drama-Acting/Performance

Drama-Acting Performance Intermediate is intended to promote students' experience and skill development in one or more aspects of theatrical production, but they concentrate on acting and performance skills. This course is for those who have had the initial acting course. The focus is on improving technique, expanding students' exposure to different types of theatrical techniques and traditions, and increasing their chances of participating in public productions.

**FORENSICS SPEECH DEBATE**

Length: Year

Grades: 9-12

Prerequisite: None

Fee: \$25 includes National Forensics dues, entry fees, literature, debate evidence, resources.

Forensic Speech-Debate courses offer students the opportunity to learn how to use oral skills in formal and informal situations. In this course, students are able to develop such skills as logic and reasoning, research and analysis, organization of thought and supporting materials, argumentative style and skill, and effective presentation of one's voice and body. Often linked to an extracurricular program these courses introduce students to the methods, aims, and styles used in various kinds of debates. Students must compete on selected Saturdays and practice after school.



## **FORENSICS SPEECH INCLUSIVE**

Length: Year

Prerequisite: None

Grades: 9-12

Fee: \$25 includes National Forensics dues, entry fees, literature, debate evidence, resources.

Forensic Speech-Inclusive courses offer students the opportunity to learn how to use oral skills effectively in formal and informal situations. Students learn such skills as logic and reasoning, the organization of thought and supporting materials, and effective presentation of one's voice and body. Often linked to an extracurricular program, these courses introduce students to numerous public speaking situations, and they learn the methods, aims, and styles of a variety of events (e.g., formal debate, Lincoln-Douglas debate, expository speaking, radio broadcast, oral interpretation, and dramatic interpretation). Students must compete on selected Saturdays and practice after school.

## **JOURNALISM\***

Length: Fall Semester

Prerequisite: None

Grades: 9-12

Fee: \$15 includes The Denver Post

Journalism courses (typically associated with the production of a school newspaper, yearbook, or literary magazine) emphasize writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

# MATH

The Math Department requires a packet of Engineering paper, Composition book, and extra worksheets for a fee of \$10.

A graphing calculator is required for ALL the math courses offered. The Math Dept. has provided two options for the students to acquire a graphing calculator: (1) a new graphing calculator can be purchased from a retail store for approximately **\$100** and (2) a used graphing calculator can be rented for on free/reduced lunch as supplies are available.

## **ALGEBRA I\***

Length: Year

Prerequisites: Pre-Algebra or Middle School Math

Grade: 9, 10

Supply Fee: \$10

This course meets 9th grade Colorado standards by following district approved Algebra curriculum and counts as first year of graduation requirements. Algebra I includes the study of properties and operations of the real number system including irrational numbers, applications of proportional reasoning, and solving and graphing first degree equations, inequalities and systems of linear equations. Students generate equivalent expressions, use formulas to solve problems, simplify and factor polynomials and solve simple quadratic equations. An emphasis is placed on analyzing situations verbally, numerically, graphically, and symbolically. To meet 21st century learning, students use technology and models to investigate and explore mathematical ideas and relationships and develop multiple strategies for analyzing complex situations.

### **ALGEBRA I ANALYTICAL**

Length: Year

Grade: 9

Prerequisite: Middle School Math and  
Teacher Approval

Supply Fee: \$10

This course meets Colorado 9th grade standards, covers the same content as the district approved Algebra grade curriculum, and counts as first year of graduation requirements. Analytical Algebra infuses business concepts and skills into Algebra I. It includes the study of properties and operations of the real number system, applications of proportional reasoning, solving and graphing first degree equations, inequalities and systems of linear equations. Students generate equivalent expressions, use formulas to solve problems, simplify and factor polynomials and solve simple quadratic equations. Classroom-ready lesson plans are built around 9th grade Colorado standards with business applications like department store floor plans, payroll calculations, and customer satisfaction surveys create an authentic learning experience for students and a direct connection to real world problem solving. The curriculum demonstrates pre-collegiate preparation, and meets community college admissions standards. (This is a Career and Technical Education course.)

### **GEOMETRY\***

Length: Year

Grades: 9-11

Prerequisites: Algebra I

Supply Fee: \$10

This course meets 10th grade Colorado standards by following the district approved Geometry curriculum and counts as second year of graduation requirements. This course develops the structure of Euclidean geometry and applies the resulting theorems and formulas to address meaningful problems. It includes properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems and proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; rules of angle measurement in triangles and concepts of coordinate geometry and trigonometry. Dynamic geometry software, compass and straightedge, and other tools are used to investigate and explore mathematical ideas and relationships and to develop multiple strategies for analyzing complex situations.

### **GEOMETRY HONORS\***

Length: Year

Grade: 9

Prerequisite: Algebra I with a grade of B or  
Higher and teacher recommendation

Supply Fee: \$10

This course meets 10th grade Colorado standards by following the district approved Geometry curriculum and counts as second year of graduation requirements. This course develops the structure of Euclidean geometry and applies the resulting theorems and formulas to address meaningful problems. It includes properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems and proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; rules of angle measurement in triangles and concepts of coordinate geometry and trigonometry. Dynamic geometry software, compass and straightedge, and other tools are used to investigate and explore mathematical ideas and relationships and to develop multiple strategies for analyzing complex situations. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex

text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

### **ALGEBRA II\***

Length: Year

Grades: 9-12

Prerequisite: Geometry

Supply Fee: \$10

This course follows the Algebra II district approved curriculum and counts as a third year of graduation requirements. Algebra II topics include operations with rational and irrational expressions, in-depth study of linear equations and inequalities, analyzing and solving quadratic functions including complex numbers, solving systems of linear and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents. Students investigate and solve linear piece wise, absolute value, cubic, radical, exponential, logarithmic, and rational functions algebraically, numerically, and graphically, with and without a graphing calculator. Students analyze data and develop mathematical models to address real world problem situations.

### **ALGEBRA II HONORS\***

Length: Year

Grades: 9, 10

Prerequisite: Geometry with grade of B or Higher and teacher recommendation

Supply Fee: \$10

This course follows the Algebra II district approved curriculum and counts as a third year of graduation requirements. Algebra II topics include operations with rational and irrational expressions, in-depth study of linear equations and inequalities, analyzing and solving quadratic functions including complex numbers, solving systems of linear and quadratic equations, properties of higher degree equations, and operations with rational and irrational exponents. Students investigate and solve linear piece wise, absolute value, cubic, radical, exponential, logarithmic, and rational functions algebraically, numerically, and graphically, with and without a graphing calculator. Students analyze data and develop mathematical models to address real world problem situations. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

## **MUSIC**

All Choir students have an accompaniment fee of \$20 per semester (\$40 per year). Students enrolled in more than one choir pay only one fee.

Instrumental Music students have an Instrumental rental fee of \$100 annually (if applicable).

### **VOCAL ENSEMB-CONCERT CHOIR**

Length: Year

Grades: 9-12

Prerequisite: None

Fee: \$10 includes robe cleaning & accompanist fee

This mixed non-auditioned ensemble is open to all singers who have performed for a year in another high school ensemble. Students will be expected to build upon their musicianship skills and to grow as performers and musicians through the study of music theory, sight-singing, and self-evaluation. Students will sing a wide range of music ranging from standard choral literature to pop and Broadway tunes as well as solo literature. Students will have the opportunity to audition for Honor/All-State choirs. This class may be repeated.

### **CONCERT BAND**

Length: Year

Grades: 9-12

Prerequisite: Instrument

Concert Band is a non-auditioned group which is open to 9<sup>th</sup> through 12<sup>th</sup> grade. Concert Band will promote student's technique for playing brass, woodwind, and percussion instruments as well as address reading music, performance technique, and music theory knowledge. A variety of musical styles will be covered for concert performances.

### **CONTEMPORARY/JAZZ BAND (JAZZ ONE)**

Length: Year

Grades: 9-12

Prerequisite: Instrument

Jazz One is a non-auditioned group which is open to 9<sup>th</sup> through 12<sup>th</sup> grade. Jazz One helps students develop technique for playing brass, woodwind, and rhythm section instruments as well as address reading music, performance technique, music theory knowledge, and jazz improvisation. Contemporary styles such as jazz, blues, Latin, and rock will be covered for concert performances.

### **CONTEMPORARY BAND/JAZZ BAND INTERMEDIATE (SIGNATURE JAZZ)**

Length: Year

Grades: 9-12

Prerequisite: Audition

Signature Jazz is open to students by audition only. Signature Jazz helps advanced students develop technique for playing saxophone, trombone, trumpet, and rhythm section instruments as well as address reading music, performance technique, music theory knowledge, and jazz improvisation. Contemporary styles such as jazz, blues, Latin, and rock will be covered for concert performances.

### **ORCHESTRA**

Length: Year

Grades: 9-12

Prerequisite: Instrument

Orchestra is a non-auditioned group which is open to 9<sup>th</sup> through 12<sup>th</sup> grade. Orchestra will promote student's technique for playing string instruments as well as address reading music, performance techniques, and music theory knowledge. A variety of musical styles will be covered for concert performances.

## **PHYSICAL EDUCATION**

All students will provide their own combination lock for PE classes and must pay a fee of \$17 for PE uniform.

### **LIFETIME FITNESS**

Length: Semester

Grade: 9

Prerequisite: None

Fee: \$22 PE Uniform and PE Fee

Lifetime Fitness is a mandatory class for all 9<sup>th</sup> grade students. The class emphasizes acquiring knowledge and skills regarding lifetime physical fitness; content may include related topics such as nutrition, stress management, and consumer issues. Students

may develop and implement a personal fitness plan. This class will incorporate physical activities such as team sports (such as badminton, basketball, volleyball and so on) and basic weight lifting safety and skills.

## SCIENCE

### **EARTH SCIENCE\***

Length: Year  
Prerequisite: None

Grade: 9  
Fee: None

Earth Science offers insight into the environment on Earth and the Earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the Earth, this course explores oceanography, geology, astronomy, meteorology, and geography.

### **EARTH SCIENCE HONORS\***

Length: Year  
Prerequisite: Portfolio Review

Grade: 9  
Fee: \$10

Honors Earth Science studies the processes and interactions of Earth's systems and the structure and dynamics of Earth and other objects in space. This is a lab and activity driven course that explores the nature of our planet through the topics of oceanography, geology, astronomy, meteorology, and geography. This course prepares students for advanced coursework in 10<sup>th</sup> -12<sup>th</sup> grade honors and AP courses. Rigor is demonstrated through thought-provoking learning activities, challenging assessments, and more advanced text/materials. Higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the course

## SOCIAL STUDIES

### **U.S. GOV COMPREHENSIVE\***

Length: Semester  
Prerequisite: None

Grade: 9

U.S. Government—Comprehensive provides an overview of the structure and functions of the U.S. Government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course may examine the structure and function of state and local governments and may cover certain economic and legal topics.

### **U.S. GOV COMPREHENSIVE HON\***

Length: Semester  
Prerequisite: Portfolio Review

Grade: 9

U.S. Government—Comprehensive provides an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and

responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course may examine the structure and function of state and local governments and may cover certain economic and legal topics. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

### **WORLD GEOGRAPHY\***

Length: Semester

Grade: 9

Prerequisite: None

World Geography provides students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the environment; economic development, the interdependence of regions; and the movement of people, goods, and ideas.

### **WORLD GEOGRAPHY HONORS\***

Length: Semester

Grade 9

Prerequisite: Portfolio Review

World Geography provides students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the environment; economic development, the interdependence of regions; and the movement of people, goods, and ideas. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

## **WORLD LANGUAGES**

Communication in languages other than English has become increasingly important in a diverse nation and ever-shrinking world. Through long, uninterrupted sequences of study of world languages, learners acquire the skills and cultural understandings that permit them to function in a non-English speaking environment. Technological advances have provided new opportunities for learners to use their world language skills in interactions with other speakers and to learn about other cultures whether or not they travel beyond their classrooms.

The changing nature of our society will place greater demands on students in the future. In order to succeed, they must acquire new characteristics and skills. Our students will need to become:

- effective communicators
- keen observers of global cultures
- insightful about themselves and their learning
- informed and knowledgeable across the disciplines
- participants in the community and global marketplace

### **FRENCH I\***

Length: Year

Grades: 9-12

Prerequisite: None

Fee: \$18 includes French I workbook.

Designed to introduce students to French language and culture, French I emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people...

### **GERMAN I\***

Length: Year

Grades: 9-12

Prerequisite: None

Fee: \$20 includes workbook.

Designed to introduce students to German language and culture, German I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. German culture is introduced through the art, literature, customs, and history of the German-speaking people.

### **SPANISH I\***

Length: Year

Grades: 9-12

Prerequisite: None

Fee: \$20 includes practice workbook.

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

### **SPANISH II\***

Length: Year

Grades: 9-12

Prerequisite: Spanish I or equivalent

Fee: \$20 includes new Spanish 2 workbook.

Workbook from Spanish I is also used

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

### **SPANISH II HONORS\***

Length: Year

Grades: 9-12

Prerequisite: Teacher approval based on Standardized test scores and recommendations from Spanish 1

Fee: \$20 includes new Spanish 2 workbook.

Workbook from Spanish I is also used

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s). The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are

cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

## INTERNATIONAL BACCALAUREATE

The **INTERNATIONAL BACCALAUREATE** Diploma program is a rigorous pre-university course of study, leading to examinations, that meets the needs of the highly motivated students. Designed as a comprehensive curriculum that allows its graduates to fulfill requirements of the various national systems of education, the IB is based on the pattern of no single country. It provides students of different linguistic, cultural, and educational backgrounds with the intellectual, social and critical perspectives necessary for the adult world. The comprehensive IB program provides students with a balanced education in all the main disciplines: languages, social sciences, experimental sciences, mathematics, and elective subjects. The intent is that students should learn how to learn, how to analyze, how to reach considered conclusions about people, their languages and literature, their ways in society, and the scientific forces of the environment. Standley Lake High School offers a four-year curriculum: two years in IB Prep and two years in a college level curriculum which challenges Jefferson County's best scholars and promotes international understanding. Successful completion earns the student an IB Diploma.

### The IB Examination

The IB Diploma is awarded for satisfactory performance in six subjects, one chosen from each of the following six groups:

1. Language A: English.
2. Language B: Spanish, French or German
3. Study of Individuals in Society: World History
4. Experimental Sciences: Biology or Chemistry
5. Mathematics: Math Studies or Math SL
6. An IB elective course: Art, Music, Psychology or a Second Science

Three of these six subjects must be taken for examination at higher level and three at the standard level.

All Diploma Candidates must also:

- Follow an interdisciplinary course in the Theory of Knowledge; submit an Extended Essay in an IB subject; and undertake creative, action and service activities (CAS) totaling 200 hours.
- Fulfill the Jefferson County Graduation Requirements.

For information, contact the IB office at 303.982.3269

(Adapted from LHS student Guide)

## IB PREPARATORY GRADE 9

### **IB PREPARATORY ENGLISH 9 HONORS\***

Length: Year

Prerequisite Acceptance into the IB program

English/Language Arts 9 incorporates the five aspects of language arts: reading, writing, speaking, listening, and viewing. Study of genres leads to written compositions that build upon students' prior knowledge of grammar, vocabulary, word usage, and mechanics. Students apply comprehension and critical reading skills to both literature and nonfiction. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning



activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

### **WORLD GEOGRAPHY 9 HONORS\***

Length: Semester

Prerequisite Acceptance into the IB program

World Geography provides students with an overview of world geography, but may vary widely in the topics they cover. Topics typically include the physical environment; the political landscape; the relationship between people and the environment; economic development, the interdependence of regions; and the movement of people, goods, and ideas. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

### **U.S. GOVERNMENT COMPREHENSIVE 9 HONORS \***

Length: Semester

Prerequisite Acceptance into the IB program

U.S. Government—Comprehensive provides an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course may examine the structure and function of state and local governments and may cover certain economic and legal topics. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

### **IB PREPARATORY EARTH SCIENCE 9 HONORS\***

Length: Semester

Prerequisite Acceptance into the IB program

Earth Science offers insight in to the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

### **IB PREPARATORY BIOLOGY 9 HONORS\***

Length: Semester

Prerequisite Acceptance into the IB program

Biology is designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. The honors course prepares students for advanced course work and engages students in enrichment opportunities. Rigor is demonstrated through sophistication and acceleration in terms of thought-provoking learning activities, challenging assessments, and more complex text/materials. Diverse interests, cultures, perspectives, learning styles, and intelligences are cultivated and higher level critical and creative thinking skills such as interpretation, problem-solving, investigation, and logic are emphasized throughout the honors course.

## PREPARING FOR COLLEGE

### Freshman Year

- Learn how to manage your time and work hard to earn the best grades you can. Semester grades count towards your GPA, and each class you pass earns you .5 credit towards graduation.
- Take advantage of Gator time every Wed. 7:15-7:45am to work with teachers. Go to the Studio or the Peer Counseling office during your free period to get extra help.
- Join a club, play a sport, attend games and activities – get involved!
- Counselors will introduce you to Naviance, where you will begin to explore your career interests and plan your high school courses. You can even begin looking for scholarships.
- In April you will participate in “Day on the Job” in your English class to further explore your career interests.
- Over the summer, look for volunteer opportunities in the community.
- Keep track of your volunteer hours using the resume builder on Naviance.

