



# 2012-2013 SCHOOL YEAR

## PRE-REGISTRATION COURSE DESCRIPTIONS

### CORE CLASSES

## Math

### **Algebra I**

*1 Credit - Full Year Course*

*Strongly Recommend: C- or better in Pre-Algebra*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

### **Geometry**

*1 Credit - Full Year Course*

*Strongly Recommend: 1100 - Algebra I*

*"a C- or better in Alg 1, or based on individual learning/readiness level as determined by math instruction staff"*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

### **Algebra II**

*1 Credit - Full Year Course*

*Strongly Recommend: C- or better in 1100 -*

*Algebra, C- or better in 1102 - Geometry*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

### **Pre-Calculus**

*1 Credit - Full Year Course*

*Strongly Recommend: C- or better in 1103 -*

*Algebra II*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

### **Calculus**

*1 Credit - Full Year Course*

*Strongly Recommend: C- or better in 1104 - Pre-Calculus*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

## Science

### **Physical Science**

*1 Credit - Full Year Course (2 blocks on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> and 10<sup>th</sup> Grade Students*

Physical Science is a year-long class that will explore the following topics such as: Science Skills, Motion, Forces, Energy, Energy Issues, and Matter. Students will investigate these topics using a variety of methods from online interactive simulations to guided lecture to hands on engineering/scientific inquiry projects.

### **Environmental Science**

*1 Credit - Full Year Course (2 blocks on Pre-registration form)*

*Prerequisite: None*

*Level: 11<sup>th</sup> and 12<sup>th</sup> Grade Students*

This course offers an overview of topics and disciplines needed to understand the environmental issues and challenges of today's world. The course will integrate aspects of biology, earth science, and policy. Specific topics will include ecology, the impact of humans on the environment, natural resource use, and sustainable management.

### **Conceptual Physics**

*1 Credit - Full Year Course (2 blocks on Pre-registration form)*

*Prerequisite: None*

*Level: 11<sup>th</sup> and 12<sup>th</sup> Grade Students*

The primary purpose of this course is to provide students an opportunity to learn and gain knowledge about science in their world specially related to physics. Students will explore concepts of matter, sound, electricity, light, electromagnetic waves, and heat.

# Social Studies

## **World Geography**

*1 Credit - Full Year Course (2 lines on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> and 10<sup>th</sup> Grade Students*

Students will explore, understand, apply, analyze, evaluate, and create opinions about our world's human and physical geography that has shaped our current culture, economics, population, religions, and customs. We will achieve an understanding in World Geography together by learning through hands-on projects, both student and teacher centered learning activities, tests, quizzes, discussion, individual literacy based reading, and collaborative partner or group work in conjunction with real life situations both inside and outside school settings.

## **American Government** (Required for 11<sup>th</sup> and 12<sup>th</sup> Graders)

*.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 11<sup>th</sup> and 12<sup>th</sup> Grade Students*

Students will explore the United States system of government from its beginning creation, through the foundation of today's government. Through theory, research-based active instruction, and

multiple intelligence teaching strategies, students will learn about the decisions and actions that formed American policies that continue to influence the present world in which they live today. Decisions made in the past effect the world of today, which is why it is important for you as a student to gain a better understanding of the world and how it relates to you.

## **Economics** (Required for 11<sup>th</sup> and 12<sup>th</sup> Graders)

*.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 11<sup>th</sup> and 12<sup>th</sup> Grade Students*

This one semester course explores the choices and decisions that people make about how to use the world's limited resources. The goal of this course is to equip the student with knowledge that is strongly rooted in economic principles so that he or she will be able to differentiate between economic models, understand issues pertaining to global and national economics, gain insight into choices that businesses must make, and learn the importance of managing personal finances and planning for future financial security.

# Language Arts

## **Language Arts 9/10**

*1 Credit - Full Year Course*

*Prerequisite: Language Arts 7/8*

*Level: 9<sup>th</sup> and 10<sup>th</sup> Grade Students*

This course serves as an introduction to the reading, writing, and speaking demands of high school. Students will read, discuss, and analyze a variety of types of literature. Students will write in a variety of styles for specific audiences and purposes.

## **Language Arts 11**

*1 Credit - Full Year Course*

*Prerequisite: 1001 - Language Arts 9/10*

*Level: 11<sup>th</sup> Grade Students*

## **Language Arts 12**

*1 Credit - Full Year Course*

*Prerequisite: 1001 - Language Arts 11*

*Level: 12<sup>th</sup> Grade Students*

This course focuses on, but is not limited to, British literature. It serves as a preparation for the reading, writing, and speaking demands of college or other post-secondary options. Students will read, discuss, and analyze a spectrum of literature. Students will write in a variety of styles for specific audiences and purposes.

# **ELECTIVES**

## Health

### **High School Health 2**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

Topics to be covered will be Wellness with emphasis on risks factors, nutrition, alcohol, tobacco and other drugs, and condensed human growth and development (more details need to be determined on this topic). Students will also practice life skills that are expressed in the National Health Education Standards.

### **High School Health 3**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: 1701 - High School Health 1 & 2*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

The purpose of this course is for students to become more self-aware, learn about personal safety and establish skills to promote safety in various settings. Students will also explore various types of relationships, qualities of healthy relationships and the role of relationships in their lives. Students will build on sexuality topics covered in previous health courses such as development, gender issues, and homosexuality.

### **Mindfulness**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

The main purpose of this course is for students to explore and develop themselves as a whole through mindfulness. Mindfulness can be defined as being in touch with one's mind and body during the present moment. In order to become more mindful, students will discover the importance of breath and posture through yoga and movement. Students will be encouraged to use these skills in situations where they may experience high stress or anxiety. As a cumulative project, students will take their acquired knowledge and awareness to create a Mini Yoga session that they will teach to the class.

### **Lifetime Fitness/Planning**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

In this course we will focus on gaining the knowledge and skills it takes to create personalized fitness and nutrition plans. Throughout this process, we will understand how exercise impacts the body systems, how to fuel the body, and how to choose an appropriate program. Students will leave with the tools they need to change/modify their personal fitness and nutrition plans as their interest and needs change.

### **First Aid and CPR**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

The purpose of this course is to train and educate students to prepare for, recognize, and respond to a variety of emergency situations such as cardiac, breathing and first aid. Students will gain knowledge and skills necessary to care for themselves and others in emergency situations. The course will primarily follow the American Red Cross curriculum for First Aid, CPR and AED Training.

*\*High School Health 1 will be offered in '13-'14*

# Art

## **Introduction to High School Art**

*1 credit- Full Year Course (2 block on pre-registration form)*

*Prerequisite: MS Art or equivalent*

*Level: 9-12 grade students*

This high school class is a bridge from middle school art into all other high school art courses. In this class, students will sample projects and basic skills from all other high school classes. Students will work on strengthening skills learned in middle school art, and learning new skills needed to move on to other art classes. This is a full year class that will touch on a wide variety of techniques, materials, and art forms.

## **2D Art 1**

*.5 credit- Half-year Course (1 block on pre-registration form)*

*Prerequisite: MS Art or equivalent*

*Level: 9-12 grade students*

This high school class is for students who want to focus on developing their 2-Dimensional artistic skills. A variety of mediums will be explored, such as pencil, ink, paint, printmaking and more. This class will focus more in-depth on the Elements and Principles that deal with 2D arts, and students will build a "tool book" textbook of these skills to use in future projects. The "tool book" will consist of class discussions about existing artwork and shorter art activities to learn more about each element and principle.

## **2D Art 2**

*.5 credit- Half-year Course (1 block on pre-registration form)*

*Prerequisite: 2D Art 1*

*Level: 9-12 grade students*

This class is a continuation of 2D Art 1. Students will take the "tool book" they created in 2D Art 1 and use this as their textbook for this class. This class will have longer projects, and students will have more freedom and choice in materials and themes. This class will also focus on giving students a taste of traditional college level skills needed to continue studying the arts.

## **3-D Sculpture 1**

*0.5 Credit- Half Year Course (1 block on pre-registration form)*

*Prerequisite: MS Art or equivalent*

*Level: 9-12 grade students*

This high school class is for students who want to focus on developing their 3-Dimensional artistic skills. A variety of tactile mediums will be explored. While some drawing will be a part of the process, focus is placed on building, sculpting and playing with space. The principles and elements of 3-D art will be studied, while exploring the expressive quality of art. Students will also engage in conversations about their own work, that of their peers and established artists.

## **3D Sculpture 2**

*0.5 Credit-Half Year Course (1 block on pre-registration form)*

*Prerequisite: 1502 – 3-D Art 1*

*Level: 9-12 grade students*

This class will be a continuation of *3-D Art 1*. Projects build on the skills developed in *3-D Art 1* and students will advance in application of skills and independence.

## **Computer Art**

*1 Credit- Full Year Course (2 blocks on pre-registration form)*

*Prerequisite: 1 credit of High School level art class (2D or 3D Art)*

*Level: 10-12 grade students*

This high school class is for students who want to explore digital art. Students will experiment with Adobe programs like Photoshop, Illustrator, and InDesign while focusing on technical skill, composition, and aesthetics. Students will also work with film effects in Sony Vegas movie editing program. By the end of the school year, students have the skills, knowledge, and freedom to develop their own computer artwork.

## **Stop-Motion Animation**

*.5 Credit- Half Year Course (1 block on pre-registration form)*

*Prerequisite: 1 credit of High School level art class (2D or 3D Art) and MS Tech or equivalent.*

*Level: 10-12 grade students*

Interested in making your art move? Well then this is your class! We will explore a variety of stop-motion animation styles using drawings, white boards, found materials, and clay. Computer editing software will bring it all together. Because of the nature of this art form, this class will largely be a group effort. Come ready to invent, explore, and make things happen on screen!

## **Graphic Novels and Visual Journals**

*.5 Credit- Half Year Course (1 block on pre-registration form)*

*Prerequisite: 1 credit of high school level art class (2D or 3D Art)*

*Level: 10-12 grade students*

Are you already dreaming up characters for your future hit comic book? Are you constantly doodling and drawing in notebooks and on worksheets? This class is just what you need! We will learn about the art of graphic novels through the history of American and Japanese styles, our own character development, storyboarding, and bookmaking techniques. This will be a drawing based class, and we will not be using computer programs to make our graphic novels.

# Phy Ed

## **Physical Education**

*0.5 Credit - Half Year Course (1 block on Pre-registration form) Prerequisite: None*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

The Lionsgate Physical Education department strives to provide a program that allows our students to mature socially, learn new recreational activities to enrich their leisure time and to master skills that will encourage them to live healthy lifestyles.

There will be two parts to this course. Part one will be based on the instruction of a variety of physical activities, both group/team and individual. These activities may include: low organized games such as tag games and lead-up games that prepare students for more complex games, traditional team sports like volleyball, basketball, football, softball and soccer, non-

traditional team sports such as funnelball, battleball and ultimate and individual activities like step aerobics, badminton, rope jumping, bocce and hi-li. For all of these activities, students will receive appropriately differentiated instruction in the rules and skills necessary for success. Activities will vary by season, weather conditions and class make-up.

Part two will be the fitness-based section of the class where students will have the opportunity to utilize the Olivet Fitness Center. Throughout the semester, the students will learn about the major muscle groups of the body and will practice a variety of exercises targeting those muscles. The F.I.T.T. principle will be taught and employed to ensure that students are engaging in appropriate levels of personal fitness based exercise.

# Spanish

## **Spanish 1**

*0.5 Credit - Half Year Course (1 block on Pre-registration form) Prerequisite: None*

*Level: 9<sup>th</sup> - 10<sup>th</sup> Grade Students*

This course is for students with little or no experience with Spanish. Students will focus on comprehending and speaking Spanish as well as reading and writing in the language. Students will also be introduced to cultures of Spanish-speaking countries.

## **Spanish 2**

*0.5 Credit - Half Year Course (1 block on Pre-registration form) Prerequisite: 1800 - Spanish 1*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

Students will progress in their fluency in speaking and understanding Spanish through the addition of new vocabulary, structures and practice, and will gain new insights into Spanish-speaking cultures.

# Theater

## **High School Acting**

*0.5 Credit - Half Year Course (1 block on Pre-registration form), this course may be taken up to 4 times- each semester will cover different content.*

*Prerequisite: None*

*Level: 9<sup>th</sup> -12<sup>th</sup> Grade Students*

High School Acting is a theater course designed to help students develop acting skills by participating in theatre games, improvisation, and scenes. We will also learn about the origins of drama, study significant plays and playwrights, write original scenes, and study voice, movement, and characterization. In addition to being a fun class, drama is considered a great help to anyone looking to improve their social and communication skills and self-confidence, on and off the stage. Note: Some memorization of text may be required.

## **Acting and Directing:**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: Acting (for 4 semesters) or Teacher's Consent*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

This advanced theater course allows students to experiment with directing and acting in short scenes, monologues and plays. All students will actively participate in class "workshops," giving one another oral feedback on the writing. The creative skills learned in this course will help students become better writers, artists, thinkers, communicators, and project managers. Note: memorization of text will be required.

## **Theater Stagecraft**

*0.5 Credit - Offered 2nd Semester only-Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 10<sup>th</sup>-12<sup>th</sup> Grade Students*

This hands-on course introduces students to the action that goes on "behind the scenes" in a theatrical production. This course will include instruction in set, costume, lighting, sound and properties design and construction as well as an introduction to stage make-up.

## **Improvisation**

*0.5 Credit- Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 10<sup>th</sup>-12<sup>th</sup> Grade Students*

This class focuses on the basics of improvisation, on and off the stage. Students learn how to initiate scenes, build upon their scene partners' offers, and create scenes with a solid foundation. Topics covered include: agreement ("yes and"); active listening; using the environment; basic narrative skills; understanding stage status; and making your fellow improviser look good. This class will also work our students flexible thinking muscles, focus on improving verbal processing speeds, and work with others in creative collaboration.

## **Global Film Studies**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup>- 12<sup>th</sup> Grade Students*

This class will address film and culture from a global perspective. Students will view groups of movies from various countries. Cultural learning will happen through film viewing, discussion, reading articles, and writing essays. The goal of this class is the study of global cultures through the medium of film. Students will study films from Australia, Japan, Africa, New Zealand, Germany, France, Scandinavia and other countries.

# Technology

## **Computer Technology 1**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup> and 10<sup>th</sup> Grade Students*

What is your current WPM? Typing fluency will not only help homework assignments to be completed faster but also allows you to surf the web faster and more efficiently. During the course of this class, students will work to increase typing fluency, WPM and proficiency in advanced Microsoft and Google Applications. Students will explore Web 2.0 tools and other emerging technologies.

## **Computer Technology 2**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: Computer Technology 1*

*Level: 9<sup>th</sup> - 12<sup>th</sup> Grade Students*

Do you have the computers skills necessary for college and/or the workforce? This course will enable you to have the computer competence colleges expect and employers' desire. You will continue to work towards typing fluency by increasing speed and accuracy through touch typing skills and drill. In computer Technology #2, you will be exposed to a wider variety of computer programs and emerging technologies. Students will create and develop their own personal Efolios to showcase their computer experience at LGA. Projects created in this class will be used to complete your Efolio.

## **Meet the Press - Electronic News**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup>-12<sup>th</sup> Grade Students*

Have you ever felt like you need to find the inside scoop? Or do you think you may have a career in print journalism? *Meet the Press* is an elective for students who are interested in journalism and enjoy working as a part of a team. As a part of this course, the entire class works together to create a school electronic newspaper that will be posted on the LGA website. Researching and writing skills will be used while reporting the LGA scoop. We will be using an electronic format to organize the class's stories, pictures and report the news to the Lionsgate Community.

## **PRIDE News Show**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup>-12<sup>th</sup> Grade Students*

Lights, Camera, Action! Are you good in front of the camera or have experience behind the scenes? The PRIDE News Show is offered for upper class men students who enjoy bringing the news of the day and special interest stories to the Lionsgate Community. The PRIDE News Show will be streamed every Friday during afternoon PRIDE to the student body. Students will have to research, interview and write scripts/storyboards, film and produce short video segments, as well as film and produce a weekly news show. Dedicated students need only apply.

## **Video Production**

*0.5 Credit - Half Year Course (1 block on Pre-registration form)*

*Prerequisite: None*

*Level: 9<sup>th</sup>-12<sup>th</sup> Grade Students*

Bring out your inner Steven Spielberg! In Video Production, students will learn how to operate a video camera, select camera angles and choose where to shoot for the best light and sound quality. A requirement for this course is that all students registering must feel comfortable in front of the camera. Students will create a variety of short films, developing a storyboard, writing scripts and editing footage using Pinnacle Editing software. During the semester-long course, instructional, informational and persuasive videos will be assigned and students will work individually as well as in groups. A film festival will celebrate the end of the semester.