

**ELUMINATUS**  
**COURSE**  
**DESCRIPTION**  
**2011-2012**

## FOREIGN LANGUAGES

### **LATIN 1 or 2**

**Instructor: Mrs. Ruth Isham**

**Course Description:**

Students will be introduced to Latin grammar, culture, syntax and their parallels in English language. Admission to higher levels of Latin is dependent on passing a written exam of material covered in previous levels.

**Materials:** Jenney's First Year Latin (available on loan to first 8 students), Jenney's First Year Latin Workbook (ISBN 013-319369-1, approx. \$26 from Amazon Used), pen or pencil.

**Class fee:** \$315 annual **If paying monthly:** \$35.70 Bartering is available.

### **LATIN 1 For the Challenged Reader**

**Instructor: Mrs. Terry Elliott**

**Course description:** An introduction to reading, writing, speaking and hearing Latin for students who are reading/spelling challenged, have dyslexia or ESL. I will be helping with visualization, vocabulary and Latin Grammar with lots of repetition and small easy to understand lessons. Objective is to help with reading for PSAT tests through aid to better understanding meanings of English words.

**Textbook:** Getting Started in Latin Classical Roots

**Materials:** notebook, paper, dividers. Texts will be provided. Students will need an electronic Dictionary.

**Class fee:** \$369.00 annual **If paying monthly:** \$41.82

### **SPANISH 1**

**Instructor: Mrs. Maria Antrim**

**Course Description:**

An introduction to writing, speaking, listening and understanding the Spanish language. Students will be exposed to basic grammar and vocabulary. The student will learn to build sentences in present tense, make and answering questions, and proper use of adjectives, articles, verbs, pronouns, and be able to practice and improve their reading and comprehension skills. Spanish speaking countries will be studied. Upon successful completion of Spanish I, one full credit will be earned.

**Materials Needed:** A beka Por Todo El Mundo 1A and Vocabulary Book

**Class fee:** \$360 annual **If paying monthly:** \$40.80 **Copy fee:** \$5.00(pay the instructor)

**Sibling:** Class fee: \$315 annual **If paying monthly:**\$35.70 **Copy fee:** \$5.00(pay the instructor)

## **SPANISH 2**

**Instructor: Mrs. Maria Antrim**

### **Course Description:**

This course includes reviewing lists of Spanish I vocabulary, and other grammatical forms. We will extend the knowledge learned in Spanish I by introducing new grammar tenses, verbs, vocabulary and a enriched use of adjectives, pronouns and others. We will continue to practice our reading comprehension, writing, listening and conversational skills, as well as expanding student knowledge of other Spanish speaking countries and their culture. Upon successful completion of Spanish II, one full credit will be earned.

**Prerequisite:** Completion of Spanish I taken at Eluminatus or if you have had another class the previous year contact the instructor for information.

**Materials Needed:** A beka Por Todo El Mundo 1B, Vocabulary Book

**Class fee:** \$360 annual If paying monthly: \$40.80 **Copy fee:** \$5.00(pay the instructor)

**Sibling:** Class fee: \$315 annual **If paying monthly:**\$35.70 **Copy fee:** \$5.00(pay the instructor)

## **SPANISH 3**

**Instructor: Mrs. Maria Antrim**

### **Course Description:**

This is a year-long course designed to help the student continue acquiring proficiency and knowledge of the Spanish Language. In this faster pace class we will continue working with the A Beka curriculum and it will be a requirement that the student has taken and completed Spanish 1 and 2. The student will be introduced to advance grammar, new vocabulary and the Spanish culture.

**Materials Needed: Textbook: A beka, Mas que vencedores 2A, and Vocabulary Book**

**Class fee:** \$360 annual **If paying monthly:** \$40.80 **Copy fee:** \$5.00(pay the instructor)

**Sibling:** Class fee: \$315 annual **If paying monthly:** \$35.70 **Copy fee:** \$5.00(pay the instructor)

## **HISTORY / SOCIAL STUDIES**

### **UNITED STATES HISTORY**

**Instructor:** Daryl Rowe, Certified History Instructor

**Course Description:**

This course covers the time periods of Pre-Revolutionary to Post WWII. I try to get as far as I can in modern history as I know this is important and relevant to the students. I use BJU Press United States History, Third Edition as the text. The students are also required to do mini reports on subjects of their choice throughout the year. We do a major research paper in the spring. They are required to do weekly reading and questions and some timeline work. I incorporate map work in the course. I absolutely love U.S. History and try to ignite that passion in my students! Hopefully, when they are finished, they will have a firm understanding of the cost of our freedom and their responsibilities as a future American.

**Materials fee:** \$40.00 one-time fee (please pay me!) This covers all copies of maps and other materials I need for the course.

**Book:** United States History Third Edition BJU Press, Notebook and colored pencils.

**Class fee:** \$441 annual **If paying monthly:** \$49.98

### **AMERICAN HISTORY for High School for the Reading Challenged**

**Instructor:** Mrs. Terry Elliott

**Course description:** This course is specially designed for those students needing American History credit but are faced with reading/writing/comprehension challenges, Dyslexia or ESL. Wilson Reading methods will be used to help with reading, spelling of vocabulary words. Testing for reading level/comprehension level before student can take this class. No extra private tutoring lessons needed.

**Textbooks** – Steck-Vaughn American History. Title TBA and other books will be added with reading selections but they will be easy reading.

**Materials:** notebook, paper, dividers. Texts will be provided. Students will need an electronic Dictionary.

**Class fee:** \$369.00 annual **If paying monthly:** \$41.82

## LANGUAGE ARTS

### **COLLEGE PREPATORY WRITING Advanced English for Juniors and Seniors**

**Instructor: Mrs. Katherine Kicklighter**

#### **Course Description:**

Are your students ready to write papers for college professors? Are you aware that most grades in college are based on writing ability and most students are woefully underprepared? This course will offer intensive instruction in the art of writing. We will explore common, grammatical errors and how to avoid them. We will analyze sentence structure and learn to enhance vocabulary. We will produce all types of essays including a major research paper using MLA style. Students will learn the structural elements of writing and will be encouraged to explore their creativity in the process. Writing can be fun once you master its form.

**Materials fee:** \$35 (pay the instructor)

**Class fee:** \$432 annual **If paying monthly:** \$48.96

### **FRESHMAN ENGLISH**

**Instructor: Mrs. Ruth Isham**

#### **Course Description:**

A comprehensive introduction to American Standard English grammar, composition, and 7 selections of classic literature. Students will read short stories, plays, novels, and poetry, learn the basic mechanics of communication, and will critique literature. Materials: Writing & Grammar 9 (BJUPress) (ISBN 978-159166-457-4, approx. \$3 from Amazon Used), Shakespeare

**Materials:** Made Easy: The Merchant of Venice (ISBN 08120-35704, approx. \$.01 from Amazon used), weekly access to the Internet, notebook, pen or pencil.

**Class fee:** \$315 annual **If paying monthly:** \$35.70 **Bartering is available.**

### **SOPHOMORE ENGLISH (American Literature)**

**Instructor: Mrs. Ruth Isham**

#### **Course Description:**

Students will learn literature terms, a brief timeline of the development of literature in the United States, and will study 8 American classics with an emphasis on Christian worldview. Assignments will include memorizing 2 short works and essays employing the student's knowledge of content and author intent. Materials: American Literature (ISBN 08054-5900-6, approx. \$14 from Amazon Used), weekly access to the Internet, notebook, pen or pencil. Note: All American classics are available online for free.

**Class fee:** \$315 annual **If paying monthly:** \$35.70 **Bartering is available.**

## **JUNIOR ENGLISH (British Literature)**

**Instructor: Mrs. Ruth Isham**

### **Course Description:**

Progression of literature in Great Britain as a reflection of Judeo-Christian values in a changing culture will be examined. Short works will be memorized as students begin to learn the art of logical speech and writing.

Materials: Text will be The British Tradition (ISBN 013-054793-X, approx. \$5 from Amazon Used), Shakespeare Made Easy: Macbeth (ISBN 0812035712, approx. \$.01 from Amazon Used), weekly access to the Internet, notebook, pen or pencil.

**Class fee:** \$315 annual    **If paying monthly:** \$35.70    **Bartering is available.**

## **WILSON 1 READING A program for struggling readers**

**Instructor: Mrs. Terry Elliott**

**Course Descriptions of Wilson Reading class for Thursdays with required additional private tutorials offered on a 2nd day during the week at the student's home. Fee paid directly to instructor. Testing by the instructor is provided (free) to determine which level the students fit.**

This course is specially designed for those students with the reading/spelling challenges of dyslexia or ESL. No particular age or grade level; students will be grouped together by reading/writing level and difficulty level as well as age. I will be helping with reading comprehension, visualization, as well as sequencing in all different types of reading material (magazines, classics, math word problems) No textbooks required. This is an introduction into syllable/sound recognition that forms the basis of reading. It is also an intro into visualization and writing for the student with dyslexia or ESL challenges. May count as 1 LA credit for remedial reading.

**Materials:** notebook, paper, dividers. Texts will be provided. Students will need an electronic Dictionary.

**Class fee:** \$369.00 annual    **If paying monthly:** \$41.82

## **WILSON II READING A program for struggling readers**

**Instructor: Mrs. Terry Elliott**

### **Course Description:**

For those students who have mastered both the sound/syllables and skill of Wilson Reading I. It is a more in depth study of sound/syllables, reading comprehension, visualization and strong writing skills through creative writing and grammar. No textbooks needed, but reading books will be announced later. A 2nd tutorial session is required for this level. May count as 1 LA credit for remedial reading.

**Materials:** notebook, paper, dividers. Texts will be provided. Students will need an electronic Dictionary.

**Class fee:** \$369.00 annual    **If paying monthly:** \$41.82

## **WILSON III READING**

**Instructor:** Mrs. Terry Elliott

**Course Description:**

For those students who have successfully mastered Wilson II. There will be final instruction for writing skills, while still working on reading comprehension. A 2nd tutorial session is required for this level. May count as 1 LA credit for remedial reading for 9th or 10th grade depending on book selections.

**Materials:** notebook, paper, dividers. Texts will be provided. Students will need an electronic Dictionary.

**Class fee:** \$369.00 annual                      **If paying monthly:** \$41.82

## **WILSON READING FOR COMPREHENSION**

**Instructor:** Mrs. Terry Elliott

For those students who have dyslexia/ESL and have mastered Wilson Reading I and II or students who have comprehension problems or who are slow readers/writers. Students with dyslexia/ESL will still need an extra day of tutorial. Textbook and reading books to be announced. This class would be counted as 1 Language Arts credit at High School level.

**Materials:** notebook, paper, dividers. Texts will be provided. Students will need an electronic Dictionary.

**Class fee:** \$369.00 annual                      **If paying monthly:** \$41.82

## **MATHEMATICS**

### **ADVANCED MATHEMATICS**

**Instructor:** Mrs. Gayle Swafford

**Course Description:**

Advanced Mathematics will cover upper-level algebraic concepts, as well as, trigonometry, and logarithms. The concepts and skills taught in this course will prepare the student for Calculus. In order for this course to be completed in one year, it is necessary to omit the geometry topics. Geometry will need to be covered in a separate course. One full credit will be earned upon successful completion. Class size is limited to 10 students.

**Materials needed:** Saxon Advanced Mathematics textbook Second edition, scientific calculator, graph paper, and a spiral notebook for math. **\*Parents will need:** Saxon Advanced Mathematics Solution Manual or answer key

**Additional information:**

\*Note to Parents: Parents are required to grade each lesson at home throughout the year. The grade earned will be made up of homework, quizzes and test taken throughout the year.

**Class fee:** \$ 441 annual                      **If paying monthly:** \$49.98                      **Copy fee:** \$5.00(pay the instructor)

## **ALGEBRA 1**

**Instructor: Mrs. Jan Tardie**

**Course Description: 1 ½ hr. class**

Saxon Algebra I concentrates on problem solving. Students will work with Algebraic expressions and equations to solve for the unknown variable. Graphs of linear equations, factoring binomials and trinomials, motion problems, ratio problems, and percent problems will be covered in this course. Geometry problems are woven into the Saxon Algebra I text. Upon successful completion of Algebra I, one full credit will be earned.

**Materials needed:** Saxon Algebra I (3rd Edition) Student Text, Saxon Algebra I (3rd Edition) Solutions Manual (not the answer key), Saxon Algebra I (3rd Edition) Test Forms, Scientific calculator, graph paper, and notebook

**Additional information:**

\*Parents are required to grade each week's lessons before the next class.

**Class fee:** \$405 annual      **If paying monthly:** \$45.90

## **ALGEBRA 2**

**Instructor: Mrs. Gayle Swafford**

**Course Description:**

Saxon Algebra II begins with a review of Algebra I and uses those concepts in advanced algebra problems. Students will learn to complete the square, work with the quadratic formula, work with rational equations, radical equations, complex numbers. Geometry is interwoven into the course along with an introduction of trigonometry. Upon successful completion of Algebra II, one full credit will be earned. Class size is limited to 10 students.

**Materials Needed:** Saxon Algebra II Second Edition or Third Edition, Scientific calculator, graph paper, and a spiral notebook for math **\*Parents will need: Algebra II Solutions Manual or Answer Key**

**Additional Information:** \*Note to Parents: Parents are required to grade each lesson at home throughout the year. The grade earned will be made up of homework, quizzes and test taken throughout the year.

**Class fee:** \$441 annual      **If paying monthly:** \$49.98      **Copy fee:** \$5.00 (pay the instructor)

## CALCULUS

**Instructor:** Mrs. Gayle Swafford

### **Course Description:**

Calculus is designed for prospective mathematics majors and students interested in engineering, computer science, physics, business or the life sciences. The program covers all topics in the Advanced Placement Calculus AB and Calculus BC syllabi, including but not limited to Limits and Derivatives. Instruction takes full advantage of graphing calculators, using them for visual demonstrations of concepts and confirming calculations.

Class size is limited to 10 students.

**Materials needed:** Saxon Calculus with Trigonometry and Analytic Geometry textbook Second edition, graphing calculator, and a spiral notebook for math. **\*Parents will need:** Saxon Calculus with Trigonometry and Analytic Geometry Solution Manual or answer key

### **Additional information:**

**\*Note to Parents:** Parents are required to grade each lesson at home throughout the year. The grade earned will be made up of homework, quizzes and test taken throughout the year

**Class fee:** \$441 annual      **If paying monthly:** \$49.98      **Copy fee:** \$5.00(pay the instructor)

## GEOMETRY

**Instructor:** Jan Tardie

### **Course Description:**

Students will use a discovery method to identify specific geometric properties. These properties will become postulates and theorems in a constructive way. Proofs will be broken down into paragraph form, flow charts, and two-column proofs. Both inductive and deductive reasoning will be used. Students will also study trigonometry.

**Materials Needed:** Saxon Geometry Home School Kit – 1st Edition, (The kit includes: the Student Text, the Solutions Manual, and the Homeschool Packet which is the test forms), scientific calculator, protractor, compass, straight edge, graph paper, loose leaf notebook, pocket folder clipped into notebook, and pencils.

\*Parents are required to grade each week's lessons before the next class.

**Class fee:** \$441 annual      **If paying monthly:** \$49.98

# SCIENCE

## **ANATOMY AND PHYSIOLOGY**

**Instructor:** Mrs. Pamela Pendleton

### **Course Description:**

This will be a high school level anatomy and physiology course using the Apologia text, “The Human Body” and supplemented with additional instructor owed materials and video clips. The course will directly follow the Apologia text in progressive order to ease some planning. A complete reading and study schedule will be available prior to the start of class. There will be intensive home study for class preparations in order to maintain the pace required to complete this class. Most Labs will be performed in class with some preparations required from home. Dissections will be performed in class with home follow up to include the lab report.

**Prerequisites:** This is a high school level course with Biology and Chemistry required prior to the course. Please ask if you need special consideration.

**Materials needed:** Apologia text: “The Human Body”. Either the hardback version or the complete course on CD are allowed. “The Anatomy Coloring Book” exact edition/publication to be determined but cost is approximately \$25. colored Pencils and plain Paper, 3 Ring Binder with paper dissection kit and specimens which correlate with Apologia anatomy class. **Helpful but not required:** microscope (one will be provided during labs as well as a complete set of prepared slides)

**note:** I am very particular about microscope care and will be careful with anyone who wishes to bring their personal microscope for use during labs as well. Having a microscope at home will be beneficial to learning but not required.

**note:** I will be dissecting demonstration specimens during labs after, if you wish for your student to dissect they must have their own specimens, you may also initiate lab partners and share the cost; but that is between families on their own to work out.

**Class fee:** \$342 annual   **If paying monthly:** \$38.76

**Sibling: Class fee:** \$297 annual   **If paying monthly:** \$33.66 sibling fee or if taking multiple courses from me.

## BIOLOGY

**Instructor: Mrs. Pam Pendleton**

### **Course Description:**

This will be a high school level biology course using the Apologia text, "Exploring Creation with Biology, 2nd edition". This course is taught from the Creationist point of view. Evolution is addressed as an unconfirmed hypothesis covered in only one chapter to allow your student to be aware of the foundation she/he will find as a reference point from other students, and teachers, in many universities and colleges as their education progresses. The course will directly follow the Apologia text in progressive order to ease home planning. A complete reading and study schedule will be available prior to the start of class. There will be intensive home study for class preparations in order to maintain the pace required to complete this class. Most Labs will be performed in class with some preparations required from home. Dissections will be performed in class.

**Prerequisites:** This is a high school level course. Eighth graders accepted on an individual basis.

### ***Biology continued***

**Materials needed:** Apologia text: "Exploring Creation with Biology, 2nd Edition". Either the hardback version or the complete course on CD are allowed, Colored Pencils and Plain Paper, 3 Ring Binder with paper, Dissection kit and specimens which correlate with Apologia Biology (not required before Jan 1)

**Helpful but not required:** Microscope (one will be provided during labs as well as a complete set of prepared slides)

**note:** I am very particular about microscope care and will be careful with anyone who wishes to bring their personal microscope for use during labs as well

**note:** I will be dissecting demonstration specimens during labs after Jan. 1st, if you wish for your student to dissect they must have their own specimens, you may also initiate lab partners and share the cost; but that is between families on their own to work out.

**Class fee:** \$315 annual      **If paying monthly:** \$35.70

**Sibling: Class fee:** \$270 annual      **If paying monthly:** \$30.60 sibling fee or if taking multiple courses from me.

## CHEMISTRY

**Instructor: Mrs. Betsy Hall**

### **Course Description:**

This is a basic chemistry course covering measurement and units, atoms and molecules, classifying matter and its changes, chemical equations, stoichiometry, atomic and molecular structure, polyatomic atoms, molecular geometry, acids and bases, solutions gas phase and reduction-oxidation reactions. This curriculum will help prepare your student for a basic college chemistry course. We will perform up to 28 labs in class and write up the lab reports in a notebook. This course does contain a lot of math and therefore requires a student to have already completed Algebra I.

**Class materials: scientific calculator, Apologia Exploring Creation with Chemistry 2nd edition text and solutions manual, lab notebook (composition book)**

**Prerequisite:** Algebra I

**Class Fees:** \$369 annual      **If paying monthly:** \$41.82      **Lab/copy fees -** \$50 one-time fee

# PRINCIPLES of PHYSICS

**Instructor: Mr. Joe Swaney**

**Course Description: 2 hour class.**

Principles of Physics - Kinetics Books Digital Textbook (not a printed textbook) This textbook is appropriate for college students who are not science majors, and for high school students who want to take the Physics AP/B exam. It is a more rigorous textbook than Conceptual Physics (Hewitt.) but does not require calculus. To cite a distinction between the two textbooks: Principles of Physics includes topics such as the adiabatic process in an engine cycle, presenting equations relevant to the process, while Conceptual Physics does not. This textbook is similar in scope to Physics (Cutnell & Johnson) and College Physics (Serway & Faughn).

**Prerequisite:** Algebra (1); Algebra 2 and Trigonometry a benefit. Grade levels 11-12.

**Materials needed:** A computer (a laptop is ideal). PC-compatible system with Intel Pentium<sub>4</sub> class or higher processor, or equivalent. 128 MB RAM, 520 MB available hard drive space (textbook and labs) CD\_ROM drive Windows<sub>1</sub> XP, Vista. IE ver.. 6 + or Firefox ver. 1.0 + Connection to internet for installation verification. (specifications based on 2009 / 2010 program)

**Textbook:** \$65 (estimate) Virtual Labs: \$35 (estimate). Textbook and labs may have to be purchased in a class lot to obtain instructor materials. **Additional material on Kinetics Books, Inc. :**

## Principles of Physics Table of Contents:

Mechanics 1

Measurement and Mathematics 2 Motion in One Dimension 3 Vectors 4 Motion in Two and Three Dimensions 5 Force and Newton's Laws 6 Applications of Newton's Laws 7 Work, Energy, and Power. 8 Momentum 9 Uniform Circular Motion 10 Rotational Kinematics 11 Rotational Dynamics 12 Static Equilibrium and Elasticity 13 Gravity and Orbits 14 Fluid Mechanics Mechanical Waves 15 Oscillations and Harmonic Motion 16 Wave Motion 17 Sound 18 Wave Superposition and Interference Thermodynamics 19 Temperature and Heat 20 Kinetic Theory of Gases 21 First Law of Thermodynamics, Gases, and Engines 22 Second Law of Thermodynamics, Efficiency, and Entropy  
Electricity and Magnetism 23 Electric Charge and Coulomb's Law 24 Electric Fields 25 Electric Potential 26 Electric Flux and Gauss' Law 27 Electric Current and Resistance 28 Capacitors 29 Direct Current Circuits 30 Magnetic Fields 31 Electric Currents and Magnetic Fields 32 Electromagnetic Induction 33 Alternating Current Circuits 34 Electromagnetic Radiation Light and Optics 35 Reflection 36 Refraction 37 Lenses 38 Interference 39 Diffraction Modern Physics 40 Special Relativity 41 Quantum Physics Part One 43 Nuclear Physics

About Kinetic Books: Kinetic Books Company creates digital curriculum.

Experiment with Kinetic Books' physics curriculum, or find out more about the company, at [www.kineticbooks.com](http://www.kineticbooks.com).

For those who prefer to reach the company by phone, call 877-4-KBOOKS (452-6657) or at 206-448-114

**Class fee:** \$450 annual      **If paying monthly:** \$51.00 Maximum students: 12

## **ELECTIVES -alphabetically**

### **ADVANCED ROBOTICS**

**Instructor:** Mr. Joe Swaney

**Course Description:** 2 hour class.

This is a continuation of the Introduction to Robotics computer programming and robotics course. The LEGO MindStorms robotic kit with National Instruments LabView and other custom operating systems, such as Java or C, as the software environment.

**The student will learn:** Safety with electricity. Review of the Introduction to Robotics course material. Advanced LabView programming. Sensors and output device design. Constructing robots or devices with custom designed microprocessors and sensors. Intellectual property fundamentals, patents. Presentation skills.

Each student will use the microprocessor programming development kit and the materials purchased for the Microprocessor and Computer Programming course.

**Prerequisite:** Introduction to Robotics Grade levels 10-12.

**Student involvement:** Attend class. There will be no homework. Work outside of class will be on a “non-interfering” basis.

**Materials needed:** A computer ( a laptop is ideal). PC-compatible system with Intel Pentium<sub>1</sub> class or higher processor, or equivalent. 16 MB RAM, 40 MB available hard drive space, CD\_ROM drive, Available USB port  
Windows<sub>1</sub> XP, Vista,

**Class fee:** \$414 annual

**If paying monthly:** \$46.92

Maximum students: 12

### **ART 1**

**Instructor:** Mrs. Daryl Rowe, Certified Georgia Art Instructor

**Course Description:**

In this course a broad overview of Art History is explored, the Art Principles and Elements of design are studied and applied, and various media are explored including: painting, drawing, pastels, pen and ink, clay, mixed media and others. I have aligned this course with the Georgia Standards so the student will be competitive in their course work if they decide to go on into further art. Weekly sketches are required; projects and monthly Art History reports are part of the course load. It is an incredible course but we have LOTS of fun and learn much. You DO NOT have to have talent to take this course!!!! I will help you learn how to draw and do art! We also take a trip to the High Museum of Art as part of the fun.

List of Supplies for you to purchase will be sent to you in a few weeks.

**Materials fee:** \$35(pay the instructor)

**Class fee:** \$414 annual

**If paying monthly:** \$46.92

## **BEGINNING GUITAR**

**Instructor:** Mr. Ryan Roberts

### **Course Description:**

Guitar for Beginners - Current praise and worship songs will be used to give students practice in learning guitar. This class is for students who have little or no knowledge of playing guitar or music in general. Class will include learning basic music theory needed to begin playing acoustic guitar. Each week, we will practice in class and learn new material including chords, theory, songs, and scales. Students will need to commit to practicing each day in order to re-enforce the material learned in class.

**Materials needed:** Guitar that is tune-able. Guitar picks. New pack of strings at beginning of class. 3-ring notebook for handouts.

**Class Fee:** \$405 annual **If paying monthly:** \$45.90

## **BIBLE STUDY 2**

**Instructor:** Mrs. Ruth Isham

### **Course Description:**

Young women will complete a personal study of the Book of Matthew in order to present a ministry plan for personal use.

**Prerequisite:** Must have completed Bible Study 1, or prior approval of Mrs. Isham.

**Materials:** Bible, pen or pencil.

**Class Fee:** free.

## **DRAMA**

**Instructor:** Katherine Kicklighter

### **Course Description:**

I am Katherine Cody Kicklighter. I have a B.A. in drama from Harding University. God has blessed with the opportunity to be a director in a church drama ministry for 15 years and to be drama director for Master's Academy of Fine Arts for the past 7 years. God has given me a love for working with teens which has blessed me so much. This year I really felt God leading me to offer a drama class at Eluminatus. If this fits your needs, I would love to work with your teens.

The main premise for this class is that, as artists, we need to use our God given talents to glorify God, not glorify ourselves. With that foundational thought as a basis the teens will experience: Acting techniques Character development, Theater games

Theater production, Set design. There will be an end of the year full-length production.

This is open to 7th-12th grade.

**Directly to the instructor: Production fee TBA**

**Class fee:** \$369 annual **If paying monthly:** \$41.82 per month

## INTRODUCTION TO ROBOTICS

**Instructor:** Mr. Joe Swaney

**Course Description:** 1.5 hour class. 12 students maximum

An introduction to computer programming and robotics using the LEGO MindStorms robotic kit with National Instruments LabView as the software environment. Fundamentals of electric circuits and electronics, computer mathematics, electrical engineering, computer programming, and maintaining a safe environment will be introduced as required during the course.

Each student will receive a personal microprocessor programming development kit containing all hardware and software required to create a working prototype of their design. The development kit is not a "toy"; it contains professional software and hardware in use by engineers to create new products that use microprocessors.

**The student will learn:** Safety with electricity. What makes a computer work. What are microprocessors and microcontrollers. Introduction to Robotics. The LEGO MindStorms system. Machine design basics. Building a machine. Labview Graphical programming. Team competition (within the class). The mathematics of computers. The languages of computers. Presentation skills.

**Prerequisite:** Basic math and computer skills. The course covers college level material in electrical engineering. Each topic will review/introduce the required skills/theory. **Grade levels 7 – 12.**

**Student involvement:** Attend class. There will be limited homework. Students will work in groups for much of the class.

**Materials needed:** A computer (a laptop is ideal). (computer specifications based on LEGO software requirements) PC-compatible system with Intel Pentium<sub>1</sub> class or higher processor, or equivalent. 128 MB RAM, 250 MB available hard drive space CD\_ROM drive Available USB port Windows<sub>1</sub> XP, Vista.

**Class fee:** \$414 annual **If paying monthly:** \$46.92

## GRAPHING CALCULATORS AND SPREADSHEET PROGRAMS

**Instructor:** Mr. Joe Swaney

**Course Description:** 1.5 hour class.

An introduction to graphing calculators and spreadsheet computer programs. Fundamentals of using a scientific calculator and computer spreadsheet programs. An introduction to using a computer or calculator to accomplish common student tasks. The material will focus on the TI83 and TI84 series of calculators (TI8x, TI8x+).

Calculators and computers will not be provided by Eluminatus. A calculator or computer is not mandatory, but learning the TI calculator will be difficult without in-class practice.

Copies of the Open Office software will be available for students without Microsoft Office or a similar suite of programs that include a spreadsheet function.

**Prerequisite:**

Basic math and computer skills. The material will cover graphing and basic formulas which introduces/includes algebra and graphing concepts. Grade levels 9-12.

**Student involvement:** Attend class. There will be no homework.

**Materials needed:** A TI graphing calculator (TI 83 or 84 series) and laptop or portable computer is optional. Theory and skills will be based on material in the "help" sections of the programs, or the TI instruction manuals. A textbook is not used or required.

**Class fee:** \$279 annual **If paying monthly:** \$31.62

## **INTRODUCTION TO DIGITAL PHOTOGRAPHY**

**Instructor: Mr. Andrew Marshall**

### **Course Description:**

It is the rare person who picks up a paintbrush on a whim and paints a master canvas. It takes a keen eye, concentration, dedication, and above all, practice, to create any kind of art. This is the reason that amateur photographers are so often frustrated. In this class, students will learn the skills that will set them on their way towards creating art with a still camera. It will be a whirlwind beginner's blend of formal design elements, computer skills, technical details, photographic history, and of course, taking lots and lots of pictures. Students will be assigned photographic assignments each week, with a portion of each class being dedicated to peer and instructor review and critique. Along the way, students will develop an affinity for certain types of photography, and will choose subject matter for a final photographic series. These efforts will be combined into an end of the semester "show", location still to be determined.

**Materials needed:** Digital camera

**Class fees:** \$ \$369 annual      **If paying by the month:** \$41.82

## **INTRODUCTION TO GRAPHIC ARTS**

**Instructor: Mr. Andrew Marshall**

### **Course Description:**

In this class, students will experience an intriguing combination of formal arts training and computer software and management skills. At the intersection of these two worlds is Graphic Art. Space, Line, Color, Shape, Texture, Form, Value (the seven elements of design) will all be harnessed using graphic design software. Students will begin with simple concepts and gradually be assigned more complicated projects, each building on the information and skills learned in the previous projects. Ample class time will be given to work on projects with teacher supervision and feedback. Students will also learn how to give and receive constructive criticism during project review sessions.

**Materials needed:** Laptop that can handle basic graphics

**Class fees:** \$ \$369 annual      **If paying by the month:** \$41.82

## **LIFE SKILLS**

**Instructor Mrs. Patti Reynolds**

**Course Description:** This class will be offered the second semester and will meet for one hour per week.

This class will help prepare you for those "firsts" in your life and those "oh no!" moments. We will learn how to change a tire, check tire pressure and oil, balance a checkbook and online banking, how to fill out job applications, a 1040 EZ form, and build a resume and interview techniques. Budgeting for life after the parents don't pay for everything, using coupons, a fire extinguisher, what is and where is the breaker box, water turn off valves, and basic sewing and laundry tips. 1/2 credit - elective.

**Class Fee:** \$125 / semester or \$25.50 / month

## **PUBLIC SPEAKING**

**Instructor:** Katherine Kicklighter

### **Course Description:**

The ability to speak confidently and deliver a persuasive message is an essential skill for today's high school and college students. It is also essential in the business world. This course provides the opportunity to significantly improve your public speaking skills by practicing and delivering speeches and presentations in a safe environment with personalized feedback. In addition, video recording and self-evaluation of selected presentations help you rapidly strengthen your speaking skills.

You will learn to:

- Speak publicly in a convincing, confident and concise style
- Identify and apply key skills of effective public speaking
- Keep the audience focused on you and your message
- Design interactive questions to engage your audience
- Sharpen your public speaking skills by preparing, rehearsing and integrating personalized feedback

**Class fee:** \$ 369 annual    **If paying monthly:** \$41.82    **Copy and video fee:** \$50

## CONTACT INFORMATION FOR THE INSTRUCTORS

Name: Antrim, Maria

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Class: Spanish 1, Spanish 2, Spanish 3

Name: Elliott, Terry

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Class: Wilson reading 1-3, Wilson Reading for Comprehension, Latin 1, American History-for struggling readers

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Class: Chemistry, EN Treasurer

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Class: Freshman English, American Lit., British Lit., Latin 1, 2, Bible 1, 2

Name: Kicklighter, Katherine

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Class: Advanced English, Drama

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Class: Digital photography, Graphic Arts

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Class: Biology, Anatomy and Physiology

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Class: Beginning Guitar

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Class: Art 1, Environmental Science, U.S. History

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Class: Advanced Math, Algebra 2, Calculus

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Class: Graphing calculators, Intro. to Robotics, Advanced Robotics, and Physics

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Class: Algebra 1 and Geometry

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