

## COURSE DESCRIPTIONS

Course descriptions are arranged alphabetically by section course number.

### a

#### **AERX-1110 CFK: Step Into Rocketry**

An introduction to the hobby of model rocketry and an exploration of current and future space programs around the world. Students in higher grades will build more complex models.

#### **AERX-1120 CFK: Advanced Rocketry**

Take your model rocketry skills to the next level! Students will choose from a variety of models to build, including their own designs, models using D and E engines, multistage models and rocket gliders. Students will also build their own launch pads and launch controllers to continue their hobby at home.

#### **AERX-1150 CFK: Aerospace Engineering**

Explore the basics of flight and aerodynamics. Students will learn about projects at NASA and Lockheed Martin such as Jupiter Quest, EOS, Hubble Telescope and GAVRT. Class will include hands-on activities and demonstrations to experience being an aerospace engineer.

#### **AERX-1180 CFK: Space Shuttle**

This course explores the NASA space shuttle, its fuel, engines, maneuvers and basic flight principles. Be prepared to launch your own rocket!

#### **ARCX-1000 CFK: Architecture-Design, Draw & Build**

Architecture is the art of imagining space, then building around it. Any kid can become an architect. Simple drawings and simple materials can open a new world for a child's imagination to grow in. From simple boxes to elaborate towers, like childhood, architecture is a growth process.

#### **ARTX-1000 CFK: Scrapbooking**

Use your imagination and creativity to create a new family treasure. Using acid-free, photosafe supplies, colored paper, pens, stickers, and stencils, you will put together a book that tells a family story.

#### **ARTX-1720 CFK: Draw, Paint & Sketch**

Explore various techniques of painting and drawing through the use of charcoal, watercolor and pencil.

#### **ARTX-1850 CFK: Ceramics, Beginning**

Produce handcrafted ceramics in this fun, creative hands-on class.

#### **ARTX-1980 CFK: Cartooning**

Based on the study of existing cartoons, students will develop original characters. Caricature will be studied in addition to idea development.

#### **ARTX-3720 CFK: Art Sculpture**

Create 3-D artworks by combining traditional and unusual art materials.

#### **ARTX-3940 CFK: Origami**

A fun activity that stimulates creativity and enriches imagination. Teaches good direction-following skills. Student will purchase own supplies.

#### **ARTX-5610 CFK: Make It, Take It**

Attention creative kids! If you love to make things, this class is for you. Put your creative talents to work as you make daily crafts to take home.

#### **ARTX-5710 CFK: Multicultural Art**

Every culture has its own form of expression. You will learn about the history and custom of several different cultures. Create many works of art of which you will be very proud. This camp culminates in a magnificent art show that is a celebration of cultural diversity and harmony.

#### **ARTX-7110 CFK: Crafty Creations**

Do you need another gift idea or just something to put on the shelf in your room that says "YOU"? This course is designed to help you create gifts for yourself and others using common items such as paper, glue, feathers, styrofoam, beads and other household items of your choice. Be creative, and start your own business by selling some of these items. Bring your imagination and join in the fun.

#### **ARTX-7130 CFK: Watercolor**

Creative techniques in watercolor painting will be taught in this class. Students will use watercolor paints and pens.

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**ARTX-7150 CFK: Crafts and Folktales**

Can you guess which country gave us potato chips, firecrackers, pajamas, dominoes, the Great Dane or "Sleeping Beauty"? Have you ever made a "fish kite" or "cascarones"? Do you know how kites or shoes came to be? Learn to make fun crafts from places such as Latin America, Japan, Australia and Africa. Hear amazing folktales like "The Smallest Boy in the World" and "The Face in the Mirror" as we travel around our unique and diverse world.

**AUTX-1030 CFK: Curious About Cars**

Want to know more about cars than how they are driven? Then choose this informative class that will teach you all you wanted to know about cars. This course will take you through all the various parts of the engine and transmission. It will help you understand the complicated, computerized makeup of today's automobiles. In addition, it will help you understand the theory of how an automobile works. This class will give future drivers advanced knowledge and quench their curiosity about cars.

### b

**BIOX-1280 CFK: Oceanography**

Learn the physics and chemistry of the waters of the world's oceans. Discover marine biology and resources of the sea.

**BIOX-1340 CFK: Advanced Marine Science**

Study the physiology of plankton and the importance of phytoplankton. An in-depth study of sponges, coelenterata and mollusca, and hands-on work and lab experience with arthropods and chordates.

**BIOX-1420 CFK: Plants, Animals and Things**

Study the science of biology, and learn about the hidden world of the visible and invisible organisms in this hands-on laboratory course. Be on the cutting edge as you dissect and analyze the incredible world in which we live. This course will give you some interesting insights into plants, animals and other living things.

**BUAX-1180 CFK: It's My Business**

Business ownership is a way to build an independent and exciting life, and you are never too young to do so. A business can be products, sales or service. Learn how you can start developing a foundation for a business that will only build and grow as you learn more and more about being a successful business person. Topics will include developing a business plan, financing, and marketing and promotion. It's your business, so let's make it work.

**BUAX-1840 CFK: At Your Service—Kid Money-makers**

Want to make money, but you're too young for the job? Come get your own business started! Learn how to make money by providing a service and selling it to potential customers. Develop a business plan, prepare promotional fliers, and design your business cards.

**BUAX-1850 CFK: Get a Job...Job Skills for Teens**

This dynamic class is designed to empower, equip and prepare youth to be successful in their job search process. Students will gain confidence and greatly increase their chances of securing a job. Topics include how to apply for a job, resume writing, interviewing, appearance and self-confidence. Learn about the kinds of jobs available for pre-teen and teenaged youth.

**BUAX-5970 CFK: Managing Money**

Learn about cash, checkbook, money, the Federal Reserve, and how the monetary system works. Explore various financial institutions such as banks, credit unions, and investment companies. You will learn how to develop your own financial plan.

**BUAX-7870 CFK: Stock Market**

Want to be a millionaire? Learn how the stock market works, research stocks to determine best buys, invest play money, track your stocks, and make wise decisions on when to sell. Write and receive checks for your purchases and sales, and balance your bank account. Bring your calculator and be ready for some fun competition, assisted with a computer-simulated market.

**BUAX-9130 CFK: Advertising Agency Competition**

All businesses are faced with a multitude of choices when it comes to advertising, but which is the right one? Participants will be able to effectively design, place and evaluate advertising in a competitive environment.

### c

**CHMX-1010 CFK: Chemistry**

Study the general elements of chemistry and their interactions with each other to form compounds. Various chemical reaction experiments will be conducted in class.

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**CHMX-1030 CFK: Weird Science**

This is your chance to investigate some of the stranger aspects of science. Become a science detective as you identify mystery powders, make invisible ink, and learn why helium balloons explode in cars. All of this and more await you in Weird Science!

**CIVX-3290 CFK: Civil Engineering**

Explore the main elements of engineering concepts, design and construction for a civil engineer. Students will build structures and bridges from cardboard, sticks, straws, paper and/or LEGOS. Class will include activities and information on stability, strength and force.

**CSCX-1020 CFK: Visual Basic**

In this introduction to programming, students will develop applications and games.

**CSCX-1110 CFK: AutoCAD, Beginning**

This is an introductory course to the basic two-dimensional operations of computer-aided design and drawing using the AutoCAD software. This course is designed for children.

**CSCX-1200 CFK: Solid Modeling**

Learn to create design concepts using 3D modeling computer software, SolidWorks. Create and view models from any position to verify and understand design features. Use your problem-solving skills, enhance your visualization skills, and apply your algebra skills as you explore the concepts of isometric projection and break complex parts into simple steps to obtain a design solution.

**CSCX-1250 CFK: Keyboarding**

Students learn basic computer keyboard skill building to become familiar with the microcomputer keyboard, develop keyboarding and introductory composition skills, and increase accuracy and speed.

**CSCX-1670 CFK: Webmasters**

Learn to develop and maintain a personal Web page on the Internet! The basics of backgrounds, texts, graphics, links, and more will be taught to the students so they can create their own home pages. Web page editor will be used.

**CSCX-5120 CFK: Computer Animation**

Is a job with Sega or Disney in your future? Start learning to create animated games and cartoons using Microsoft's graphic software PowerPoint.

**CSCX-5130 CFK: Digital Photography**

Come learn how fun it can be to take your pictures and see your picture images right away. This course includes use of a digital camera and digital photography software (Photoshop Elements). Learn fun and exciting techniques for manipulating pictures. Learn how to use pictures to make scrapbooks, journals and class presentations.

**CSCX-5140 CFK: Photoshop Elements**

Have you ever looked at strange images and wondered, "How did they do that"? This class is filled with the tips and techniques that you need to know to use Photoshop Elements to create your own amazing images or retouch your digital photographs.

**CSCX-5150 CFK: Game Programming & Graphics**

This course teaches you how to create your own role-playing game. Step by step, you construct each part of the game. If you think role-playing games are fun to play, wait until you start working on your very own.

**CSCX-5160 CFK: Game Programming 2**

This class is designed for students who have previously taken Game Programming and Graphics. Students will learn more advanced techniques in creating computer games.

**CSCX-5580 CFK: Computer Strategy Games**

Have fun playing exciting strategy games and puzzles on the computer! Each game or puzzle will challenge the most advanced computer game player! See how much fun you can have playing games while improving your strategy skills.

**CSCX-5590 CFK: Graphics on the Computer**

Create colorful greeting cards, flyers, letterheads, newsletters and other exciting creative projects while developing your artistic skills using the computer.

# d

**DANX-1010 CFK: Stepping**

This course is designed to introduce techniques and strategies of stepping. Stepping is a new trend in middle and high school that requires quick movement to include hand claps, foot stomping, and body movement. Come learn stepping routines that will be performed at the closing program.

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### **DANX-1030 CFK: Belly Dancing**

Come learn the ancient art form of belly dancing that will increase flexibility, stamina and strength and allows you to have a good time while doing it. The gracefulness of the art and music makes this class a unique performing dance that is good for youth of all ages, sizes and backgrounds.

### **DANX-1550 CFK: Drill/Dance Team**

In this fast-paced, lively class, you will explore drill/dance team skills, stage presence and performance techniques. Learn a high-kick routine containing jazz dance elements and a stunt. Each group will perform a choreographed routine on the last day of class.

### **DANX-1770 CFK: African Dance**

This course will teach dances from the African regions of Ghana, West Africa and South Africa. In addition to dance, this course will teach the history, songs, and legends of those regions. A dance presentation will be provided at the end of the class.

### **DANX-1850 CFK: Dance, Dance, Dance**

Discover the variety in the world of dance! From tap and jazz to ballet and clogging. This course is designed to offer an overview of dance. The basic elements of balance, foot and body placement, and coordination will be practiced with exciting music, playful steps and lots of fun.

### **DANX-3000 CFK: Hip Hop Dance**

Do you want to learn the latest phat, funky and fly dance steps? Come and get your groove on! Join the class that will have you feeling like a star on the dance floor.

### **DRMX-3230 CFK: Acting**

Explore the basic skills and techniques of acting, and display your talents in a final production.

### **DRMX-3400 CFK: Musical Theatre**

A triple-threat course combining singing, dancing and acting, culminating in a performance of which you can be proud!

### **DRMX-3440 CFK: Clowning**

Learn all about clowns. Develop your own character, makeup, costume and "act."

### **DRMX-3490 CFK: Theatre Arts**

Have you imagined being an actor, wondered what a stage manager does, or wanted to create fanciful costumes? Explore the basic skills and techniques of acting. Come join us as we stage a play from auditions to performance.

### **DRMX-3520 CFK: Magic, Clowning and More**

Amaze and astound your friends with balloon sculpting as well as coin, rope, silk scarf, card and other magic tricks! Learn the secrets of a good entertainer such as stage presence and sleight of hand. Create your own "clown face."

### **DRMX-3800 CFK: The World of Puppetry**

An exciting introduction to the history and correct usage of a variety of puppets. You will learn how to operate all types of puppets from soft to wire puppets. Scripts, basic skills and techniques of acting will be explored. Come join us as we stage a performance you can be proud of.

e

### **ECOX-1060 CFK: Luck of the Draw**

Discover the challenge of making everyday economic decisions. Through playing a real-life events board game, students learn about checking and savings accounts, budgeting, and investing for fun and profit!

### **ELEX-1310 CFK: Science of Electronics**

A study of the evolution of electronics from the basic laws of magnetism and electricity to the science of computers. Experimental applications will be made.

### **ELEX-1570 CFK: Electrical Engineering**

Explore and learn some skills of electrical engineering through hands-on projects and experiments. Students will build and learn about circuit boards, digital electronics, components and voltage. This class will give students information about the major principles of electronics.

### **ENGX-1010 CFK: Writing for the New Millennium**

Your writing is a window into your heart. With instant messaging, blogs and other written formats, good writing skills can really make you stand out. Develop your skills in poetry and prose using your imagination as your base. This course will also help you prepare for the Texas Assessment of Knowledge and Skills.

### **ENGX-1430 CFK: Creative Writing**

Use your creativity to write about your life experiences in letters, journals and articles. Emphasis on using correct voice, person and tense in writing.

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### ENGX-1890 CFK: Poetry in Motion

Would you like to explore, play and create with language? Come discover the world of poetry that extends beyond the elements of rhyme alone. Experience creative thinking, self-expression, imagery and fantasies through several poetic forms. Find enjoyment in poetry by gaining an understanding of and skill in poetic language.

### ENGX-3240 CFK: Word Power

Increase your vocabulary through the use of word games and classroom activities. A large vocabulary will enable you to say precisely what you mean and also prepare you for the SAT exam.

### ENGX-3380 CFK: Writing Right

Students will be introduced to writing techniques that will help strengthen their interest and skills in writing. Strategies taught will assist with future writing assignments and emphasize the importance of writing in their present and future lives.

### ENGX-3390 CFK: Penmanship Plus

Do your parents, teachers and friends complain about your handwriting? Then this class is for you. Learn to correctly form letters in cursive or print. Learn "focus" strategies for improving your handwriting. Learn the importance and benefits of good penmanship.

### ENRX-1160 CFK: Industrial Engineering

Explore manufacturing systems with practical application for today's industrial field. This course is designed for students wanting to learn about the seven mechanical concepts in industrial engineering. Students will build projects in class including a turntable, conveyor belt, stamping press, crane and forklift.

## f

### FASX-1020 CFK: Fashion Design

Create wearable art in this class. Use your creativity to design a T-shirt and various fashion accessories to coordinate.

### FASX-1030 CFK: So You Want to Be a Model

Learn the secrets of modeling: how to walk on a runway, make a turn, or strike a pose. Bring your own camera to take photos and develop your portfolio. Promotional projects like freeze modeling and runway choreography will be taught. Star in your own fashion video. Students provide their own video. Young men interested in modeling are encouraged to enroll.

### FRNX-1240 CFK: French

This is a course in French conversation with emphasis on listening comprehension and speaking skills. Activities will be based on vocabulary topics of general student interest and ability.

## g

### GELX-1010 CFK: Geology

Work with a wide variety of rocks, minerals and fossils. Play games like Jeopardy, Mineral Family Feud, and Geobingo. Watch crystals grow under a microscope. Improve your map skills using maps of "Six Flags."

### GELX-1050 CFK: Adventures in Paleontology

An in-depth look at prehistoric times will be the focus of this exciting, hands-on class. The course will include the study of geology, era classifications, dinosaurs and archaeology.

### GENX-1007 CFK: Advanced Origami 5-6

Tired of making the same old cups and swans? This course will take you beyond basic origami to create boxes, modulars and cards.

### GENX-3540 CFK: When I Grow Up, I Want To Be

A scientist? A teacher? An engineer? The President? Research your favorite careers to learn what kind of work you will be doing, qualifications, educational requirements and the salary you can expect.

### GENX-3570 CFK: Managing Your Time/Study Habits

This course will focus on the following topics: learning to reason, taking effective notes, getting to know and understand your teachers, mastering your writing skills, and how to get help improving test-taking skills.

### GENX-3900 CFK: Everybody Think

Do you shy away from being in front of groups? Are you concerned about what your peers think? This class will build your self-esteem while teaching you how to "put your best foot forward." Learn to speak more confidently in a group setting and communicate without fright or anxiety.

### GENX-3980 CFK: Leadership Skills

Most of us have some leadership potential. Come focus on the needed skills, sharpen those you already have, and learn some new ones in a fun-filled, yet productive class. Marvel your teachers and impress your friends next fall with your capabilities to LEAD.

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### GENX-5460 CFK: Chess

The basic moves in chess are easy; the hard part is developing a winning strategy. This takes concentration, planning, logic, a lot of practice, and a little luck. Do YOU have what it takes to be the next Bobby Fischer?

### GENX-5650 CFK: Animals and Bugs

Learn about Texas animals and bugs while exploring animals from around the world.

### GENX-7540 CFK: Admission AM

To acquaint students and their parents with the college environment, the services available, and the campus rules.

### GENX-7540 CFK: Admission PM

To acquaint students and their parents with the college environment, the services available, and the campus rules.

### GENX-7920 CFK: Chess, Advanced

Checkmate! This course is for the intermediate to advanced player. Game fundamentals are reviewed and in-depth strategies for tournament play will be taught.

### GENX-9210 CFK: Etiquette

If Miss Manners spent a day with you, would she die of embarrassment? You will have fun as you learn and practice table manners, telephone etiquette, how to make introductions, and much, much more.

### GENX-9410 CFK: Etiquette and Social Protocol

Are you lacking in manners? Then this class is for you! Come learn acceptable ways of interacting in various social arenas. Students will learn social graces, communication skills, introductions and greetings, dining skills, and image and first impressions. This class will create a new you, while building confidence in any social environment.

### GENX-9820 CFK: Study Skills

Do you find yourself daydreaming and not focusing on schoolwork? Do you have trouble taking standardized and other tests? This class will focus on study skills as a means of improving grades. Topics include focusing techniques, five effective study strategies, and test-taking techniques.

## h

### HECX-5000 CFK: Cake Decorating and More

This advanced cooking class is for those who have previously taken a College For Kids cooking course. Students will decorate cakes and be introduced to gourmet cooking.

### HECX-5010 CFK: Cool Stuff for Your Room

Learn to have your room make a statement. With a little bit of help from our expert, you can change your room into a space that reflects your personality, your interests, and your true self. Discover techniques that can turn a plain, drab room into a room with function and style.

### HECX-7540 CFK: Quick Cooking

Are your parents sometimes busy when you need a quick snack? Are you sometimes concerned about what is really in the food you eat? Come join us for this cooking class that will be safe, healthy and fun. Note: A microwave and other small kitchen appliances/items will be used.

### HECX-7960 CFK: Kids Cook

Students learn the safe use of kitchen appliances and tools, plus basic nutrition facts.

### HISX-1540 CFK: Texas Legends

The heroes, villains and daring damsels lurking throughout Texas' colorful past are the focus of this trip back in time.

### HPEX-1012 CFK: Work It!

Move and groove and work that body as you are involved in a variety of games, activities and exercises that will allow you to build muscle strength while keeping your body fit. The class will also teach nutrition and ways to establish "lifetime" eating habits. Let's WORK IT!

### HPEX-1013 CFK: Got Games?

Why sit and stare at a box when you can play, laugh, use your wit and make friends while you learn rainy day games? Play games like Bunco; Charades; and Win, Lose, or Draw. After completing this class, a rainy day will never be boring again!

### HPEX-1290 CFK: Recreational Games

Come join the fun of group games! Challenge your mental and physical abilities with creative missions.

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### **HPEX-1390 CFK: Triathlon**

Show your athleticism and improve your health by participating in an athletic contest in which the students take part in three sporting events: swimming, cycling and running.

### **HPEX-2010 CFK: Yoga for Kids**

Yoga achieves a balance of strength, flexibility and energy. This course will teach breathing activities, share circles, laughter yoga, partner yoga, basic poses, and mindful movements.

### **HPEX-2020 CFK: Kids Fit Pilates**

Making fitness fun will help create a lifelong love of physical movement. Course instruction is not just about exercising, but includes movements to build better bodies. Kids will safely and effectively improve strength and flexibility while learning ways to develop strong and limber bodies.

### **HPEX-2030 CFK: Wild and Crazy Games**

Join the fun playing cooperative games, where everyone's a winner. This course will include a variety of games such as parachutes, pillow polo scooters, Frisbees, bean bags, hoops and floor hockey. Wear tennis shoes with socks.

### **HPEX-3780 CFK: Cheerleading**

Exceptional instruction from our experienced cheerleading instructors will prepare you for the next tryout or upcoming season. This class will help you develop innovative cheers, choreography, new stunts, and sideline pep rally routines.

### **HPEX-5780 CFK: Activity Period**

Each campus provides a supervised activity period in the morning (before class) and/or in the afternoon (after class). See campus schedules for dates and times.

### **HPEX-9450 CFK: Weight Training**

Basic weight training instruction for boys and girls emphasizing fundamental techniques, safety guidelines and warm-up exercises. Students will do a circuit station workout to develop muscular strength and endurance. Students must wear appropriate clothing and tennis shoes with non-marking soles.

### **HPEX-9470 CFK: Tennis**

Tennis anyone? Learn tennis fundamentals, game rules, etiquette, grip, forehand, backhand and serving. Tennis balls, water, ice and a canopy will be provided. You must wear appropriate clothing for participation in class.

### **HPEX-9500 CFK: Soccer**

This class is designed to teach beginning players the basics of the game. Skills reviewed include passing, trapping, shooting, heading, ball control and general game strategy.

### **HPEX-9610 CFK: Golf**

Come and learn the fundamentals of golf, including proper stance, grip, stroke and playing etiquette. Golf clubs/balls will be provided for use during class.

### **HPEX-9620 CFK: Racquetball**

Learn the basic rules and practice the fundamental skills of doubles and singles play racquetball. Wear tennis shoes with socks.

### **HPEX-9650 CFK: Splish Splash**

This wacky water class has creative activities that use a variety of exercises, races, games and equipment. Activities include volleyball, water polo, underwater obstacle course, noodle workout, barbell swim, and swim meets. **STUDENTS MUST BE ABLE TO SWIM.**

### **HPEX-9740 CFK: Tae Kwon Do**

Tae Kwon Do combines foot and hand movements such as blocks, kicks and strikes into a graceful art form and demanding sport. This course includes specific continuing exercises, basic skills, forms, non-contact sparring and practical self-defense.

### **HPEX-9790 CFK: Basketball**

In this class you will learn the fundamentals of basketball. Emphasis will be on development and improvement of shooting, passing, dribbling, individual offense, defense and rebounding. Please wear tennis shoes with socks.

### **HPEX-9910 CFK: Table Tennis**

Anyone for a game of good ol' pingpong? Come improve your hand-eye coordination as you learn the basic skills for playing this fast-paced family game.

### **HPEX-9940 CFK: Swimming**

Instruction in swimming strokes (back, crawl, side, breast) according to the student's ability. Basic safety skills will be taught.

### **HPEX-9950 CFK: Volleyball Beginning**

This class is designed to assist the student in the development and improvement of basic skills, strategies and rules for the games of volleyball.

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**HPEX-9960 CFK: Sand Volleyball**

Learn the basic rules and practice the fundamental skills of sand volleyball. Emphasis will be on development and improvement of setting, spiking, volleying and blocking. Tennis shoes and socks are a must.

**HPEX-9980 CFK: Step Aerobics**

This course is designed to benefit the student in learning about the development of cardiovascular fitness, basic aerobic terminology, exercise procedures, weight control and injury prevention.

## j

**JRNX-3180 CFK: Creative Photography**

This course is designed to introduce you to the 35mm camera and its operation, lighting and the use of photographs to tell a story. Students must provide their own camera, film and film processing. (Cost of film and processing will vary, but should not exceed \$30.)

## I

**LAEX-3400 CFK: Crime Scene Detective**

Students will take a behind-the-scenes look at crime, including the reconstruction of a visual image of possible suspects, extracting fingerprints and collecting and preserving evidence. Instruction by local police officials will be provided.

**LAEX-3440 CFK: Laws, Trials and Verdicts**

Criminal laws, felonies, misdemeanors, preteen and teen rights are legal system topics that you will learn about in this class. Participate in the judicial process as you take part in the intrigue and suspense of a modern trial.

## m

**MECX-1540 CFK: Toys R You**

Explore the physics of toys through prediction, experimentation and production. You'll use magnets, motors and even rubber bands to create your own toys.

**MECX-1980 CFK: Build & Fly Kites**

Let's go fly a kite! Learn the history of kites, the aerodynamic principles behind kite flying, and how to construct different types of kites. On the last day of class, students will fly their constructed kites and observe kite flying demonstrations.

**MEDX-5460 CFK: ER**

How do health professionals save lives in hospital emergency rooms? Learn the wonders of the human body and experience setting a broken bone. This experience will expand your awareness of different medical careers.

**MTHX-1001 CFK: Wild and Crazy Math Games**

This course is designed to help build confidence in math as well as make math a fun learning experience. New concepts will be taught, and each concept is accompanied by a game to remember the concept. In Jenga Math we see who can build the highest tower with the most correct math problems (this is also team building to help students learn to work together). Other games include Memory Math, Wheel of Fortune Math, I Spy the Answer, Beat the Clock, and Beat the Teacher.

**MTHX-1070 CFK: MSI: Math Scene Investigation**

Do you like to investigate things? Learn to think like a forensics expert in solving problems with math. You can learn how to find the missing number in an equation, find the missing words in a story problem, see how your growth compares to your friends, and how much we have grown from birth. You can also learn how to use math to solve everyday mysteries, both real and imagined. Join us as you become an MSI for CFK.

**MTHX-1090 CFK: Math, Money and Life**

This class is an experience in math, money and life. Through games, activities and guest speakers, students will use math skills to learn about the many financial responsibilities they will be faced with as they grow into adulthood. The class will review earning money, managing a household, budgeting, banking and investing, paying taxes, and preparing for careers.

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### **MTHX-1100 CFK: Divisibility Math**

This higher-level math class will teach students to learn divisibility rules of math that will allow them to master quickly reducing fractions, divide large numbers, and identify prime and composite numbers. Games will be incorporated to help students gain interest, including card games and speed math card games. There will be team and individual competitions between classmates and other divisibility math classes.

### **MTHX-3050 CFK: Algebra**

This course uses a conceptual approach. The algebraic method is viewed as a problem-solving tool. Through the use of math teasers, students can apply acquired skills to real-world situations. Equations, ratios, variables and expressions, simplifying and combining inequalities will be studied.

### **MTHX-5050 CFK: Pre-Algebra**

This course will build a foundation of algebraic concepts through the use of manipulatives and cooperative learning. Concepts include algebraic expressions, linear equations, polynomials, factoring, inequalities, geometry, statistics and graphing. Problem solving, reasoning, estimation and connections between math and everyday applications will be emphasized throughout Pre-Algebra.

### **MTHX-5420 CFK: Brain Busters**

Gain knowledge of problem-solving skills through analogies, logic problems, plexers, and other puzzles and games.

### **MTHX-5540 CFK: Geometric Connection**

Students work hands-on in the classroom with various geometric objects. They will construct various geometric objects and compare volumes and sizes with one another. We will create our own architectural structures in classroom and compare and contrast with real-life buildings. Does a pentagon surround more square footage than a square building? Let's build together and find out.

### **MTHX-5580 CFK: Math Quest**

Come review math skills in a fun way. Explore games, puzzles and activities that make problem-solving fun.

### **MTHX-5810 CFK: Fractions and Decimals**

Come review math skills that will allow you to problem solve with fractions, whole numbers and decimals. Fun word problems will assist in understanding these basic math principles.

### **MTHX-5900 CFK: Math - Brushing Up the Basics**

This class will review basic math concepts per grade levels and per student needs. This is the perfect class for the advanced student needing additional instruction in math.

### **MUSX-2050 CFK: Drum Beat**

Learn to play all types of drums. You will be able to play solo and as part of an ensemble. This course will build a basic foundation in rhythm principles. All teaching will be hands-on in a continuous rotation for all the percussion instruments in the class. By the end of the session, the students will be performing as an ensemble.

### **MUSX-3230 CFK: Vocal Music**

Students in this course will rehearse and sing music in the character of a Broadway show.

### **MUSX-3630 CFK: Piano**

If you want to learn to improve your piano playing, you can't afford to miss this valuable class! These are not complicated theories that take countless numbers of hours to learn, they are simple easy-to-understand principles that every musician should know and utilize.

### **MUSX-5960 CFK: Piano, Intermediate**

This intermediate piano class requires prior knowledge of notes, scales and chords. Students will purchase their own supplies.

## p

### **PSCX-1120 CFK: Physics**

You don't have to be a rocket scientist to understand physics! This course offers a fun, effective and totally painless way to learn the fundamentals and general concepts of physics.

### **PSCX-1130 CFK: Blast Off**

Join us as we play our way through an introductory understanding of physics by creating, building and racing our own boats and cars. Students will also build and launch model rockets and explore the far reaches of space.

## COURSE DESCRIPTIONS

# Course Descriptions

### R

**RDGX-1000 CFK: Reading Explorations**

Explore the various origins of words and languages through investigative reading, exploratory writing, and fascinating experiments. This class will follow a particular series and include studies from symbols to sciences.

**RDGX-1480 CFK: Speed Reading**

Learn how to finish your homework reading assignments more quickly and breeze through your favorite novels! Techniques for reading faster and gaining a better understanding of what you read will be explored.

**RDGX-3320 CFK: Read It Right**

Is reading hard work for you instead of fun? This class teaches you how to remember what you've read, improve your reading speed, and make reading more exciting. **Required text available at the College Bookstore.**

**RDGX-3730 CFK: The Story Hour**

Children will be educated, entertained and mesmerized as our professional storyteller shares stories and tales from around the world.

**RDGX-3740 CFK: Joy of Reading**

Review books, identify writing styles, and enhance reading comprehension in this creative book review class. Classic books, poems and articles will be selected for appropriate age levels.

**RDGX-3850 CFK: The 3-Rs**

Beginning skills of reading, writing and arithmetic will be taught.

### S

**SCIX-1000 CFK: Water, Water, Everywhere**

Is water the oil of tomorrow? Are we running out? Is rainwater collection soon going to be a necessity for every household? What do the sciences of botany, ecology, microbiology, meteorology and engineering have to do with rainwater? Discover the science of water collection and use from ancient civilizations to today through hands-on experiments and demonstrations.

**SCIX-1010 CFK: Eco-Kids...Going Green**

We can all make a difference in our environment, while saving the Earth and its resources for centuries to come. This class will use games, experiments and research to learn about ecology. Topics include determining if the air in your community is clean, items that nature recycles naturally, composting, conservation and recycling, and much more. Expert ecologists from the community will serve as guest speakers. Come have fun and learn about ecology.

**SCIX-1060 CFK: Astronomy**

Discover the wonders of the universe! Become familiar with the stars, the constellations and their myths, and other galactic wonders.

**SCIX-1290 CFK: Texas Critters and Creepy Crawlers**

Discover and explore the wildlife and environment of Texas by studying its critters and creepy crawlers. Study, collect and observe native Texas insects. Learn about Texas wildlife: armadillos, alligators, scorpions, snakes and other interesting creatures that share our Texas landscape.

**SCIX-1300 CFK: LEGOS**

Investigate the properties of simple machines (gears, levers, wheels, axles). Use special sets from LEGOS DACTA to build and operate simple machine models. Show off your project on "Gear-Up Day."

**SCIX-1330 CFK: Science Adventure**

Come learn about the wonderful world of science as you explore a variety of science adventures related to chemistry, biology and the environment.

**SCIX-1660 CFK: Mixed Bag of Science**

Real scientists will enjoy this class. Biology, chemistry, botany, physiology and ecology are just a few of the science topics covered. Each day a new topic will quench your thirst for the new, the unusual, and the joy of science.

**SCIX-2000 CFK: LEGOS Robotics**

Enter the world of robotics by using the LEGOS DACTA Prolab system! Apply basic robotic fundamentals in a hands-on, problem-solving lab. Using motors, lights, sensors and resource bricks, you will make your own innovations in robotics.

## COURSE DESCRIPTIONS

### **SCIX-2020 CFK: Mad Scientist**

Study the fascinating world of science as you conduct experiments and learn the basic concepts of biology, chemistry, physics, botany, meteorology and many other sciences.

### **SPEX-1520 CFK: Sign Language, Beginning**

Introduction to learning communication through sign language. **Required textbook available at the College Bookstore.**

### **SPEX-1610 CFK: Debate**

Learn to develop and effectively present rational, fact-based arguments on both sides of a selected issue.

### **SPEX-1630 CFK: Broadcast Announcing**

Improve your speaking voice and learn about radio announcing, commercial voice-overs, sports announcing, and broadcast anchor work.

### **SPNX-1320 CFK: Spanish, Beginning**

This is a course in Spanish conversation with emphasis on listening comprehension and speaking skills. Activities will be based on vocabulary topics of general student interest and ability.

### **SPNX-1680 CFK: Spanish, Intermediate**

Conversational Spanish is for students with some prior knowledge of Spanish. Class will include intermediate to advanced skills in listening, comprehension and speaking.



**You can get recycling information on the Internet. There are lots of interesting Web sites that are available.**

**Course Descriptions**



# Save The Planet