



KIDS' COLLEGE 2009

EDUCATION • EXPOSURE • EXPERIENCE



Summer Enrichment Programs

Week 2 – Harrisburg
June 22-25

KIDS' COLLEGE– Harrisburg **2009 SUMMER ENRICHMENT PROGRAM** **COURSE DESCRIPTIONS**

Most parents dream of the day when they can send their children off to college. Well, your future dream can become a reality this summer. Going to college can be an exciting experience no matter your age. This summer enrichment program will introduce participants to the college-level learning environment. Participants will have the opportunity to choose courses based on their interests. The subject matters for the courses include: Art, General Interests, Math and Science.
Cost per the week long session is \$85.00

Arts	General Interests	Math	Science
Graphic Design	No-Cook Chef	Money Matters	Chemistry Concoctions
Cartoons to Comic Strips	My Computer	Creative Construction	Energy Force and Motion
Wearable Art	Sign It	EM is for Edible Math	Optical Illusions

ARTS

GENERAL

<p><u>Graphic Design</u> Do you like making funny shaped letters and objects using your pencil or computer? Do you know what a logo is? Have you ever wondered how these symbols were created? We will explore the world of graphic design and how it is used in advertising. Join us to learn about all of these things, the history of graphic design, and the importance of visual communication.</p>	<p><u>No Cook Chef</u> Who said you need a stove or an oven, to prepare tasty foods. This session will give you the opportunity to learn how to read recipes, measure ingredients, mix ingredients, and prepare foods using little or no equipment. You will also learn about etiquette, nutrition, kitchen math, safety, and sample new foods.</p>
<p><u>Cartoons to Comic Strips</u> Who is your favorite cartoon character? Are they online or in a comic book? Join us for a time of creating characters, developing riddles using creative writing techniques, and making your own comic book to share with your friends.</p>	<p><u>My Computer</u> Using a computer is the wave of today. In addition to playing games and using the Internet, you can also use the computer to do really cool stuff like create an EXCEL spreadsheet for your math homework, use WORD to write a story, and plug in to POWERPOINT to create a presentation.</p>
<p><u>Wearable Art</u> Put some flair into what you wear. Here you'll make accessories and decorate clothing using a variety of new techniques. With these projects, you can show your creativity in little ways every day. (Materials Fee \$5.00)</p>	<p><u>Sign It</u> Do you like talking to your friends? Have you ever wondered what it would be like if you talk to your friends using your hands? Join us to learn the basic sign language alphabet, how to sign a song, along with having a brief conversation, all with your hands.</p>

MATH

SCIENCE

<p><u>Money Matters</u> We have all heard the saying, "Money does not grow on trees." Nevertheless, money does grow when you work hard for it. Learn the terms that are related to money as well as the skills of budgeting, balancing a checkbook, saving for college, spending wisely, and investing for your future.</p>	<p><u>Chemistry Concoctions</u> Interested in edible paint? Kooky Clingers? How about candy clay or an edible ocean? We'll use the series of books on Kid Concoctions to stir up some summer-fun ideas. Everyone will need a "paint shirt" (things may get messy and gooey!) and an adventurous spirit. (</p>
<p><u>Creative Construction</u> Have you played with common objects such as playing cards, dice, clay, marshmallows or toothpicks? Do you like to construct objects, figures, or shapes? All of these concepts are related to the mathematical world of Geometry. In this class, you will use a variety of materials to plot points, make geometric shapes as you solve problems, and gain an understanding the world of Geometry.</p>	<p><u>Energy Force & Motion</u> Have you ever wondered what energy it takes for a car to run? What force is required for a rocket to soar? How much motion is used for a train to move? All of those questions can be answered through the study of Physics. We will challenge our minds as we gain an understanding for this type of science by designing and testing all types of objects for their rate of speed and required force for motion.</p>
<p><u>EM for Edible Math</u> For those that do not like taking Math, eating math may be a bit more enjoyable. Come find out how delicious it can be! You can sharpen your math skills, while you have fun.</p>	<p><u>Optical Illusions</u> Do you see what I see? Do you think you see it? Optical illusions are visual effects that can defy the laws of nature. Come and learn how the eyes can be deceived, by completing a series of mind boggling experiments.</p>



**HACC KIDS' COLLEGE 2009
Summer Enrichment Program
Course Selection Worksheet**

**Week 2 – Harrisburg
June 22-25**

Enrollment for the courses is on a first-come basis. The class size is limited to 12 students per each instructor and the class length is 1 hour and 15 minutes. The session times are as follows:

This worksheet should be completed with the Enrollment Form.

KIDS' COLLEGE TIME SCHEDULE

- Session 1 – 8:00 to 9:15 am
- Session 2 – 9:25 to 10:35 am
- Session 3 – 10:40 to 11:55 am

The descriptions for the courses are on pages 8 and 9 of the Kids' College 2009 brochure. Review the class offerings and select 3 courses as your first choice and 3 additional courses as your second choice. *We will do our best to honor your course selection. However, depending upon the number of enrolled participants, we may have to make adjustments to your schedule based on your second choice.* Please Note: A final schedule of the courses selected will be given on the first day of the program.

Indicate with an (**X**) your first or second choice. Choose a total of 6 courses.

Arts	First Choice	Second Choice
Cartoons to Comic Strips		
Graphic Design		
Wearable Art		
General Interests		
No-Cook Chef		
My Computer		
Sign It		
Math		
Creative Construction		
EM is for Edible Math		
Money Matters		
Science		
Chemistry Concoctions		
Energy Force and Motion		
Optical Illusion		

Campus location _____

Full Name of Participant _____ Grade _____

KIDS' COLLEGE 2009 6th – 8th grade

Harrisburg Campus

CAREER KALEIDOSCOPE SUMMER ENRICHMENT PROGRAM COURSE DESCRIPTIONS

Week 2 – Harrisburg
June 22-25

Answering the career life question, “*What do I want to become or do, when I grow up?*” can be very hard to answer especially if you don’t know what you like to do or what opportunities may be available. As with making any career choice, it is important that you get all the facts, including descriptions of occupations, educational requirements, job opportunities, and salary levels. The Kids College Career Kaleidoscope is a program designed to offer a broad scope of career possibilities that may match your potential. Due to our limited time frame, this particular summer program will focus on the following science career fields- GIS, Criminal Justice, Environmental Science, along with Allied Health.

The Science profession is a very broad area of study that can connect us to where we live, who we judge, what we do, and how we care for ourselves. The career field of the Sciences offers a extensive scope of career possibilities that can include Environmental scientists, Hydrologists, Judge, Lawyer, Nurse, Radiologist, GIS Developer, or Image Analyst. This session will give its participants an overview of an exciting, challenging and satisfying career in one of the largest, most important industries in the new global economy. **Cost per the week long session is \$85.00**

Day 1: GIS (Geographic Information System)

In recent years more and more people have used online mapping websites such as “Mapquest”[™] or used the navigational feature of an automobile to get directions. Have you ever wondered how that is done? That technology is related to what is known as the GIS (Geographic Information System). The Geographic Information System Technology explores the earth’s space while using methods of advanced technology to pinpoint places and locations. This industry uses the concepts of geography to analyze, plan, map, as well as distribute information for such purposes as protecting the environment, developing communities, and increasing research efforts. Careers in all business sectors may include, but not limited too, CAD designer, Cartographers, Geographic Information Systems Analysts, Landscape Architects, **Photogrammetrists**, Surveyors, Surveying Technicians, etc.

Day 2: Criminal Justice

The quest for truth and justice is the subject matter of some of the most watched TV shows in history. Solving a mystery can be exciting and capturing the bad guy can be rewarding. Beyond the scope of TV into real life, this career concept is known as the field of Criminal Justice. The field of Criminal Justice examines the nature of crime, law enforcement organizations, the structure of security, and the corrections system. Careers are available in all government and private industry sectors may include (*but not limited to*) Court Reporter, Detective, Forensic Scientist, Investigator, Judge, Lawyer, Police Office, etc.

Day 3: Environmental Science–

The buzz words- Global Warming, Global Dimming, Greenology, Carbon Footprint, Geothermal, Biodegradable, Biofuels, and Genetically Modified Organisms (GMOs) are just a few words that can make you say, word “um”. Have you ever heard of or wondered what the mentioned words, really mean to the future of the environment? Well, there is an urgency to carefully look into the future to determine what impact we have on our living environment. When we have an understanding of the impact on our future environment we can improve how we live. The careers related to the field of Environmental Science may include the areas of Conservation, Renewable Energy, Research & Development.

Day 4 - Allied Health

At some point in life, every human being will require the assistance from someone in the medical field. From the trip to the doctors’ office for a physical, or to the dentist to get your teeth cleaned, you may have wondered what does it take to wear scrubs or a white lab coat. The field of Allied Health uses research to promote the prevention and treatment of sickness and disease. Careers in this field cover many job titles ranging from, Audiologists to Respiratory therapists.

PLEASE COMPLETE AND RETURN THIS ENTIRE FORM, ALONG WITH THE COURSE SELECTION FORM WHEN ENROLLING!

HACC Official Enrollment Form – KIDS' COLLEGE 2009 Spring Enrichment Programs

LAST 4 DIGITS OF Student's Social Security Number _____ Date of Birth: _____

STUDENT Last Name _____ STUDENT First Name _____ M.I. _____

Home Address _____ City _____ State/Zip _____

Daytime Phone: _____ Evening Phone: _____

PARENT/GUARDIAN SIGNATURE Required for Enrollment: _____ Date: _____

PLEASE CHECK WHICH SUMMER ENRICHMENT PROGRAM YOU ARE ENROLLING YOUR CHILD IN:

Section #	Start Date	Program Title	Cost
Total			

Method of payment: _____ Credit Card _____ Check or money order (payable to HACC)

X _____
Signature _____ Today's Date _____

I, _____, authorize HACC to charge \$ _____

to my __ Visa or __ MasterCard, _____
Account # _____ Expiration Date _____

Authorized Signature: _____

Release Form

The undersigned, as parent or guardian of the child named on the registration form, desires that my child participate in Kids' College. By execution of this release, I agree that all requirements, directions and standards set by the staff, use of any equipment or supplies under the supervision of the staff, shall be deemed to have been accomplished for the benefit of my child. I also grant permission that any pictures taken containing my child may be used for future promotional purposes. In consideration of HACC's efforts on my child's behalf, I do hereby voluntarily assume all risk of accident, injury, damage and/or lost to my child's property that may arise out of my child's participation in Kids' College, thereby intending to release HACC, its Board of Trustees, officers, employees and agents associated or connected with Kids' College from every claim, liability or damage of any kind caused by negligence of HACC, its Board of Trustees, officers, employees or agents involved or otherwise that may result from my child's participation in Kids' College.

The undersigned acknowledges that the child named is a minor under the age of 18. Although a minor, my child is aware of the risks involved with participating in Kids' College. I assure HACC that I have carefully counseled my child on the risk of participating. Further, I assure HACC, while there are no physical or other reasons that preclude my child from participating in Kids' College, I authorize HACC to obtain such medical care, emergency or otherwise, that it may in its sole discretion deem necessary for my child. Further, I assure HACC that I have adequate health insurance or personal funds to provide payment for all costs of medical care necessary for my child. I agree to indemnify and hold harmless HACC for any costs associated with such care.

PARENT/GUARDIAN SIGNATURE Required for Enrollment: _____ Date: _____

Emergency Contact Information

	CONTACT 1	CONTACT 2
Name/Relationship		
Work/Home Phone #		
Cell Number #		

Please list any allergy information that HACC should be aware of:



KIDS' COLLEGE 2009

EDUCATION • EXPOSURE • EXPERIENCE



Summer Enrichment Programs

2009 SUMMER ENRICHMENT PROGRAM COURSE DESCRIPTIONS for Harrisburg Programs

School of Music: Playing the Piano-

The piano is not just for Albert Einstein, President Richard Nixon, or Stevie Wonder, however it is for anyone who likes playing on the 88 keys of a piano or keyboard. The School of Music: Playing the Piano, is an introduction to the basic techniques of playing the piano by combining music education with entertainment. During this program students will explore and learn music theory, piano-keyboard familiarity, note names, musical alphabet, improvisation, creativity, hand position and body language, along with musical and rhythmical balance. *Participants need to bring an electric keyboard with at least 61 keys along with its accessories, pencils, and a notebook. No prerequisites are required for this class. Ages 8-11. Class size limited to 10 students.*

Section Number 50161 Cost: \$85.00 Harrisburg Campus June 22 – June 25, 2009 MTWR 1:00 pm – 4:00 pm

Section Number 50161 Cost: \$85.00 Harrisburg Campus June 25 – July 2, 2009 MTWR 1:00 pm – 4:00 pm

• Way Cool Wednesday: 3D Graphic Design-

PIXAR is responsible for some of our favorite movies such as “Toy Story, Cars, Rataouille, & WALL-E” and introduced into the world to 3D graphic design and animation. Join this session to learn how 2D images can come to life using computer software. This is a Wednesday evening summer enrichment program for youth ages 8-12. The program is scheduled for 4-consecutive Wednesday evenings, from 6:00 pm – 8:00 pm. Participants in the program will learn through the methods of lecture, demonstration, hands-on activities, and most importantly, a fun learning experience. The program is limited to 12 participants. *Participants are to bring pencils, a notebook and a 1 G or more flash drive. Basic computer skills strongly suggested. No prerequisites are required for this class. Ages 12-17.*

Section Number 50202 Cost: \$85.00 Harrisburg Campus July 8 – July 29, 2009 MTWR 6:00 pm – 8:00 pm

Solar Life -Did you know that Solar Energy is better for the environment than traditional forms of energy? Did you know that Solar Energy can be used to heat swimming pools, power cars, calculators and other small appliances? Did you know that you can cook with Solar energy? Did you know that the worldwide demand for Solar Energy is currently greater than supply? Join this session to learn how Solar Energy is made and experiment with its many uses. Ages 8-11

Section Number 50199 Cost: \$85.00 Harrisburg Campus July 13 – July 16, 2009 MTWR 1:00 pm – 4:00 pm





KIDS' COLLEGE 2009

EDUCATION • EXPOSURE • EXPERIENCE



Summer Enrichment Programs

2009 SUMMER ENRICHMENT PROGRAM COURSE DESCRIPTIONS for Harrisburg Programs *continued*

- **School of Film: Lights, Camera, Action.-**

Working as team to create a film can be an exciting and rewarding experience. Just visualize working with the Actors, Directors, Writers, and Camera Crew to create a mini motion picture. During this program you will learn all the elements of filmmaking which includes brainstorming, storyboarding, auditioning, casting, screening scripting, directing, shooting film, editing film and marketing the finish product. *Participant, need to bring pencils, and a notebook. Basic computer skills strongly suggested. No prerequisites are required for this class. Ages 12-17. Class size limited to 12 students.*

Section Number 50201 Cost: \$85.00 Harrisburg Campus July 13 –July 16, 2009 MTWR 1:00 pm – 4:00 pm

- **ASTRONOMY -**

Twinkle, twinkle little star, have you ever wondered how far stars really are? Have you ever wanted to take a trip in space? If so, join us for an educational journey as we explore many aspects of space, the equipment used to observe planets, what astronauts do, and so much more. We will have fun as we explore the galaxies, without leaving the earth. **Ages 8-11**

Section Number 50273 Cost: \$85.00 Harrisburg Campus July 27 –July 30, 2009 MTWR 1:00 pm – 4:00 pm

- **School of Video Game Design -**

Playing games on an Xbox, PS3, game boy, or the computer are a lot of fun. However, have you ever wondered how the games were made? There are many different ways a computer game is developed. Using a computer program you will explore the process of a game designer from picking the colors to setting the rules. *Participants are to bring pencils, a notebook and a 1 G or more flash drive. Basic computer skills strongly suggested. No prerequisites are required for this class. Ages 12-17.*

Section Number 50203 Cost: \$85.00 Harrisburg Campus July 27 –July 30, 2009 MTWR 1:00 pm – 4:00 pm

**PLEASE COMPLETE AND RETURN THIS ENTIRE FORM, ALONG WITH THE
COURSE SELECTION FORM WHEN ENROLLING!**

HACC Official Enrollment Form – KIDS' COLLEGE 2009 Spring Enrichment Programs

LAST 4 DIGITS OF Student's Social Security Number _____ Date of Birth: _____

STUDENT Last Name _____ STUDENT First Name _____ M.I. _____

Home Address _____ City _____ State/Zip _____

Daytime Phone: _____ Evening Phone: _____

PARENT/GUARDIAN SIGNATURE Required for Enrollment: _____ Date: _____

PLEASE CHECK WHICH SUMMER ENRICHMENT PROGRAM YOU ARE ENROLLING YOUR CHILD IN:

Section #	Start Date	Program Title	Cost
Total			

Method of payment: _____ Credit Card _____ Check or money order (payable to HACC)

X _____
Signature _____ Today's Date _____

I, _____, authorize HACC to charge \$ _____

to my __ Visa or __ MasterCard, _____
Account # _____ Expiration Date _____

Authorized Signature: _____

Release Form

The undersigned, as parent or guardian of the child named on the registration form, desires that my child participate in Kids' College. By execution of this release, I agree that all requirements, directions and standards set by the staff, use of any equipment or supplies under the supervision of the staff, shall be deemed to have been accomplished for the benefit of my child. I also grant permission that any pictures taken containing my child may be used for future promotional purposes. In consideration of HACC's efforts on my child's behalf, I do hereby voluntarily assume all risk of accident, injury, damage and/or lost to my child's property that may arise out of my child's participation in Kids' College, thereby intending to release HACC, its Board of Trustees, officers, employees and agents associated or connected with Kids' College from every claim, liability or damage of any kind caused by negligence of HACC, its Board of Trustees, officers, employees or agents involved or otherwise that may result from my child's participation in Kids' College.

The undersigned acknowledges that the child named is a minor under the age of 18. Although a minor, my child is aware of the risks involved with participating in Kids' College. I assure HACC that I have carefully counseled my child on the risk of participating. Further, I assure HACC, while there are no physical or other reasons that preclude my child from participating in Kids' College, I authorize HACC to obtain such medical care, emergency or otherwise, that it may in its sole discretion deem necessary for my child. Further, I assure HACC that I have adequate health insurance or personal funds to provide payment for all costs of medical care necessary for my child. I agree to indemnify and hold harmless HACC for any costs associated with such care.

PARENT/GUARDIAN SIGNATURE Required for Enrollment: _____ Date: _____

Emergency Contact Information

	CONTACT 1	CONTACT 2
Name/Relationship		
Work/Home Phone #		
Cell Number #		

Please list any allergy information that HACC should be aware of:
