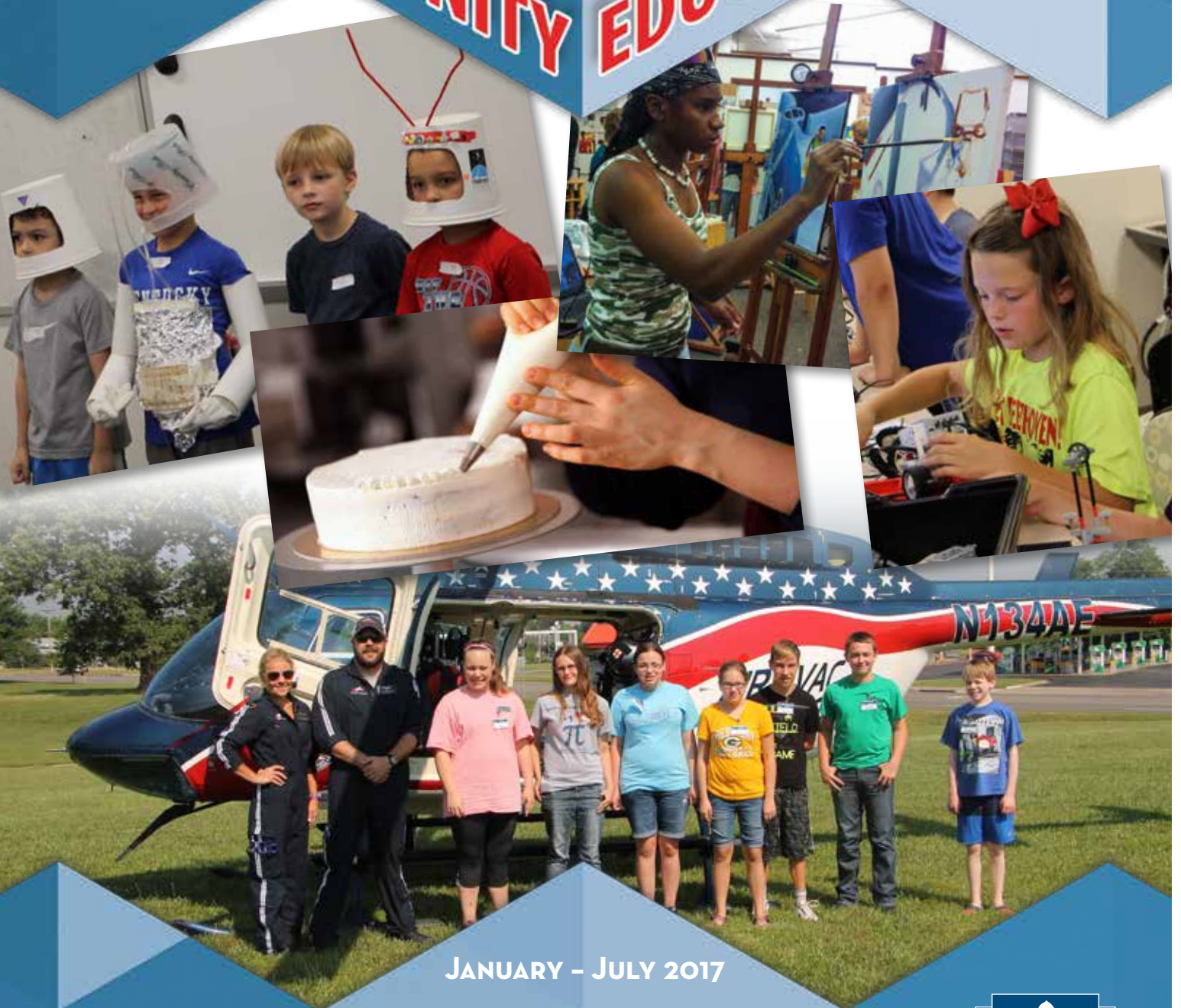


COMMUNITY EDUCATION



JANUARY – JULY 2017



A Message from the Director

Thanks for taking the time to look through the spring 2017 Community Education catalog of offerings available at West Kentucky Community and Technical College. This is always a popular edition since it includes all the summer camp offerings at WKCTC. Printed copies of the entire catalog are available upon request. It is my desire that the catalog is something you will peruse often as you look for personal enrichment offerings. I feel confident you will find a class to your liking. There are a variety of subjects, many you will recognize and several new, to choose from for all ages. At WKCTC, we are always looking for opportunities to better serve you. If you have ideas for classes, please contact me at 270-534-3206 or kevin.oneill@kctcs.edu.

Enjoy the catalog and see you soon,



Kevin O'Neill
Director of Community Education

**A Message from the President**

I would personally like to invite you to take a moment and review the exciting array of spring 2017 Community Education courses offered through our Community Education Program. These courses are designed for your personal enrichment and interests. Community education is central to the Kentucky Community and Technical College System and the West Kentucky Community and Technical College mission of life-long learning and serving our community needs.

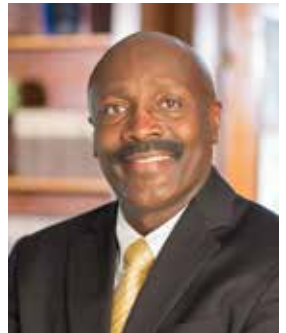
If there is a course or topic of interest that is not listed, please contact Director Kevin O'Neill at 270-534-3206. So, please go ahead and select the course of your choice at your convenience.

I look forward to seeing you soon at WKCTC.

Sincerely,



Dr. Anton Reece
President
West Kentucky Community and Technical College



PRE-REGISTRATION

Pre-registration is required for all classes. Classes fill quickly so register early!

The registration deadline is seven business days prior to each class starting date. Register early so your class is not canceled due to lack of enrollment. Call to check the status of your class and where your class will meet. If you do not have a registration form, please send in your name, address, name of the classes you are registering in, daytime and cell phone numbers, and e-mail address. Make your check or Money Order payable to WKCTC and mail to:

**Workforce Solutions
Emerging Technology Center
P.O. Box 7380
Paducah, KY 42002-7380**

Community Education reserves the right to limit the enrollments or cancel any class due to insufficient enrollments. For this reason, please register early to reserve your place in the class of your choice. Every effort will be made to notify registrants that a class has been canceled. Registrants may choose alternate courses or receive full refunds. Space in a class is reserved on a first-come, first-served basis when a paid registration is received. Absolutely no saved spaces will be accepted.

In order to reduce paper waste, no registration confirmations or class reminders will be mailed.

REGISTRATION

Online: (excludes Challenger Learning Center)

<http://ws.kctcs.edu/westkentucky>
Then select by category.

By phone: (excludes Challenger Learning Center)

Call (270) 534-3335

In Person: (excludes Challenger Learning Center)

Emerging Technology Center • Room 133
5100 Alben Barkley Drive
Paducah, KY 42002

CHALLENGER LEARNING CENTER REGISTRATION

Registration Forms: www.clcpaducah.org

Payment is required with registration.

Questions: Call (270) 534-3101

CANCELLATION/REFUND POLICY

Cancellations can be made up to five business days in advance of the class starting date.

If your cancellation jeopardizes the minimum number needed to hold the class, no refund will be issued.

Refunds generally take about four weeks to process. Failure to attend class does not constitute cancellation. The College reserves the right to cancel any class.

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Course 1, Building Buttercream Skills **\$69**

(4 Dates from which to choose)

- **January 3 - 24, 2017** **6:00-8:00 p.m.**
(4 Consecutive Tuesdays)
- **February 2 - 23, 2017** **6:00-8:00 p.m.**
(4 Consecutive Thursdays)
- **February 28 - March 21, 2017** **6:00-8:00 p.m.**
(4 Consecutive Tuesdays)
- **March 30 - April 10, 2017** **6:00-8:00 p.m.**
(4 Consecutive Thursdays)

Emerging Technology Center - Cyber Cafe**Age: 10 years to adult** **Instructor: Linda Mayes**

Learn how to decorate cakes and sweet treats with basic buttercream techniques and six simple-to-pipe flowers that transform ordinary cakes into extraordinary results. Your Certified Wilton Method Instructor will help you pipe classic buttercream decorating techniques to create modern and traditional cake designs. Fee includes student kit and guide. A list of optional supplies (approx. \$40) will be provided the first night of class.

Course 2, Flowers and Cake Design **\$69****April 4 - 25, 2017** **6:00 - 8:00 p.m.**

(4 Consecutive Tuesdays)

Emerging Technology Center - Cyber Cafe**Age: 10 years to adult** **Instructor: Linda Mayes**

Learn how to create professional-looking flowers and designs made from royal icing. Your Certified Wilton Method Instructor teaches you how to make lifelike rosebuds, pansies and violets, plus detailed pat-terns, like lace and basket weave designs. A list of supplies needed for each session will be mailed/emailed to each participant before the course begins. NOTE: Course 1, Building Buttercream Skills, is a pre-requisite before taking Course 2 unless the instructor has given approval. Call (270) 534-3335 to ask about how to receive prior approval.

Cupcake Basics **\$28.50****January 9, 2017** **6:00 - 8:00 p.m.****Emerging Technology Center - Cyber Cafe****Age: 10 years to adult** **Instructor: Linda Mayes**

Learn easy buttercream decorating techniques, like swirls, stars, rosettes and more! Then combine them on top of your cupcakes for fun and unique designs. Great introduction to Wilton Method Classes—no experience necessary! Recommended for all skill levels. (Supplies for class will cost approx. \$17).

Required Supplies:

- Wilton 12pc Cupcake Decorating Set, item *(2104-1364) (includes decorating tips 1M, 2A, 2D, and 4B; 12 in. disposable decorating bags)
- 2 ea. Wilton White Ready-To-Use Icing—1 lb. can *(710-118)
- 6 un-iced cupcakes

(Cupcake Basics Continued)**Recommended Supplies:**

- 9 in. angled spatula *(409-7712)
- Wilton Icing Colors (recommended): Black *(610-981), Ivory *(610-208), Teal *(610-207), Royal Blue *(2201-1488), Delphinium Blue *(610-228), Violet *(610-604); or any number of desired colors

Additional Supplies Needed from Home:

- Apron
- Waxed or parchment paper
- Silicone spatulas
- Gallon size plastic bags for cleanup

One Night Intro to Cake Decorating **\$28.50****January 30, 2017** **6:00 - 8:00 p.m.****Emerging Technology Center - Cyber Cafe****Age: 10 years to adult** **Instructor: Linda Mayes**

Learn how to make a great cake starting with the basics. We will level, torte and ice cakes and also learn basic decorations such as the star, shell, rosette, dot and more in only one class! Recommended for all skill levels. (Supplies for class will cost approx. \$23)

Required Supplies:

- Icing Color (Optional)-one color recommended
- 9 in. angled spatula (409-7712)
- 12" disposable decorating bags (2104-358)
- 10" cake board (2104-102) or bring cake in round cake carrier
- Decorating Tips 5, 12, 18, 32 (418-5, 418-12, 418-18, 418-32)
- Apron
- Gallon Size plastic bags for clean up
- Container to transport cake
- 2 recipes of buttercream icing (see recipe below) or 2 Wilton Ready to use Decorator Icing (710-118).
- 1 - 8 in. cake un-iced
- Large serrated knife

Classic Buttercream Icing Recipe

- 1 pinch salt (optional)
- 1 tsp flavoring (butter, vanilla, almond)
- 1 cup vegetable shortening
- 7 tsp water or milk
- 1 lb. powder sugar

Mix all the liquid ingredients and the salt together. Gradually add the powder sugar until well mixed.

Piped Borders and Embellishments **\$28.50**

April 10, 2017 **6:00 – 8:00 p.m.**

Emerging Technology Center - Cyber Cafe

Age: 10 years to adult **Instructor: Linda Mayes**

Advance your decorating skills to create professional looking cakes. Using the Wilton Deluxe Practice Board and instruction from a Certified Wilton Method Instructor, learn over a dozen new border and accent techniques. Each technique is broken down into simple steps, ensuring success. **NOTE: Course 1, Building Buttercream Skills, is a pre-requisite before taking this class unless the instructor has given approval.** Call (270) 534-3335 to ask about how to receive prior approval.

(Supplies for class will cost approx. \$30)

Supplies:

- Decorating tips 2, 3, 5, 12, 16, 21, 59, 101, 104
- 12 in. disposable decorating bags
- Deluxe Practice Board
- 9 in. angled spatula
- 2 Couplers
- Wax Paper
- Plastic Ruler
- Tape
- Zip close gallon size bag for clean-up
- 1 recipe of buttercream icing (see recipe below) or Wilton Ready to Use Icing, 1 lb. can (710-118).

Classic Buttercream Icing Recipe:

- 1 pinch salt (optional)
 - 1 tsp flavoring (butter, vanilla, almond)
 - 1 cup vegetable shortening
 - 7 tsp water or milk
 - 1 lb. powder sugar
- Mix all the liquid ingredients and the salt together. Gradually add the powder sugar until well mixed.

Stringwork **\$28.50**

May 15, 2017

Emerging Technology Center - Cyber Cafe

Age: 10 years to adult **Instructor: Linda Mayes**

Master the fundamentals of stringwork. Discover how to create elegant designs using drop strings and string work borders. **NOTE: Course 1, Building Buttercream Skills, is a pre-requisite before taking this class unless the instructor has given approval.** Call (270) 534-3335 to ask about how to receive prior approval.

(Supplies for class will cost approx. \$34)

Wilton brand supplies can be purchased at Michaels, Hobby Lobby, Walmart or online.

(Stringwork Continued)

Supplies:

- Tips 3 and 16
- 2 Couplers
- 12 in. disposable decorating bags
- Deluxe Practice Board
- 9: angled spatula
- Wax or parchment paper
- Plastic ruler
- Zip close gallon size bag for clean-up
- 2 layer cake iced and ready to decorate
- Container to transport cake
- 1 recipe of buttercream icing (see recipe below) or Wilton Ready to Use Icing 1 lb. can (710-118).

Classic Buttercream Icing Recipe:

- 1 pinch salt (optional)
 - 1 tsp flavoring (butter, vanilla, almond)
 - 1 cup vegetable shortening
 - 7 tsp water or milk
 - 1 lb. powder sugar
- Mix all the liquid ingredients and the salt together. Gradually add the powder sugar until well mixed.

Course 3, Gum Paste and Fondant **\$69**

May 2 - 23, 2017

6:00 – 8:00 p.m.

(4 Consecutive Tuesdays)

Emerging Technology Center - Cyber Cafe

Age: 10 years to adult **Instructor: Linda Mayes**

Learn how to work with fondant and gum paste. From covering your cakes to cutting shapes and painting on fondant, you'll learn all the essentials, and get to create flowers, like calla lilies, roses and carnations! (Supplies for class will be approximately \$60)

Supplies:

- Small knife
- Plastic Wrap
- 2 foam cups
- 2 TBSP vegetable shortening
- 1 TBSP each of powder sugar and cornstarch mixed
- 3ea. quart size Ziploc bags
- 1ea. gallon size bag for clean up
- Container to transport flowers and bows
- Roll-N-Cut Mat (409-412)
- Large rolling pin or 20" Wilton Fondant Roller (1907-1210)
- 1-24 oz pkg White Fondant (710-2301)
- 1-16 oz pkg Ready to Use Gum Paste (707-130)
- 2-8" cake circles (2104-80)
- 9" tapered spatula (409-7714)

(Approx. cost of additional supplies \$60.54)

CHALLENGER LEARNING CENTER

CHALLENGER SUMMER CAMPS

Astrotots: Cosmic Constellations **\$18**

June 2, 2017 9:00 - 11:00 a.m. or
Challenger Learning Center 12:30 - 2:30 p.m.

Age: Rising kindergarten - 1st grade

What are those pictures in the sky? Astrotots will learn about constellations while gazing at the stars in our star dome. They will get to make and name their very own constellation. Sessions are two hours in length.

Astrotots: Mighty Magnets **\$18**

June 16, 2017 9:00 - 11:00 a.m. or
Challenger Learning Center 12:30 - 2:30 p.m.

Age: Rising kindergarten - 1st grade

What do magnets stick to? Using different kinds of magnets and objects, Astrotots will learn how magnets work. They will also make two space magnets to take home! Sessions are two hours in length.

Astrotots: Rockin' Rockets **\$18**

June 30, 2017 9:00 - 11:00 a.m. or
Challenger Learning Center 12:30 - 2:30 p.m.

Age: Rising kindergarten - 1st grade

Become a rocketeer! Astrotots will learn all about rockets and see a "live" launch in our mission control. They will build and launch a straw rocket and launch stomp rockets. Sessions are two hours in length.

Astrotots: Living in Space **\$18**

July 14, 2017 9:00 - 11:00 a.m. or
Challenger Learning Center 12:30 - 2:30 p.m.

Age: Rising kindergarten - 1st grade

Living and working in space is very different than on earth! Tots will experience how an astronaut adapts to the unique environment of space. Activities include working in gloveboxes and eating space food.

Explore: Space **\$30 (\$35 with lunch)**

June 8, 22 2017 9:00 a.m. - 3:00 p.m.
June 22, 2017 9:00 a.m. - 3:00 p.m.
July 10, 2017 9:00 a.m. - 3:00 p.m.

Challenger Learning Center
Age: Rising 2nd - 3rd grade

This one-day camp, formerly Space Discovery I, includes many hands-on space and science activities centered around the planets and includes a visit to space in our simulator.

Explore: Stars **\$30 (\$35 with lunch)**

June 9, 2017 9:00 a.m. - 3:00 p.m.
June 23, 2017 9:00 a.m. - 3:00 p.m.
July 11, 2017 9:00 a.m. - 3:00 p.m.

Challenger Learning Center
Age: Rising 2nd - 3rd grade

This one-day camp, formerly Space Discovery II, includes many hands-on space and science activities centered around stars and constellations and includes a visit to our Starlab.

Expedition: Eclipse **\$30 (\$35 with lunch)**

July 21, 2017 8:30 a.m. - 3:30 p.m.

Challenger Learning Center

Age: Rising 3rd - 5th grade

Once in a lifetime camp! A unique event will happen in our area on August 21, 2017 - a total solar eclipse! This camp will give you everything you need to know about the science behind the eclipse and how to view it. This is a one-day camp.

Expedition: Comet **\$40 (\$45 with lunch)**

June 22, 2017 8:30 a.m. - 3:30 p.m.

Challenger Learning Center

Age: Rising 4th - 7th grade

Be a space explorer in search of a comet! Campers will Rendezvous with a Comet™ as they fly a mission in our hands-on simulator. They will work onboard the Space Station to find out just what it takes to study one of the most beautiful objects in space. This is a one-day camp.

Expedition: Moon **\$40 (\$45 with lunch)**

July 20, 2017 8:30 a.m. - 3:30 p.m.

Challenger Learning Center

Age: Rising 4th - 7th grade

Be among the next generation of space travelers to arrive on the Moon! Campers will Return to the Moon™ as they fly a mission in our hands-on simulator. They will explore just what it takes for astronauts to survive in the Moon's desolate environment. This is a one-day camp.

Spy Camp **\$90 (\$100 with lunch)**

June 6 - 7, 2017 8:30 a.m. - 3:30 p.m.

Challenger Learning Center

Age: Rising 3rd - 5th grade

At secret agent training, you will develop a disguise for cover, make and break codes, discover escape and evasion techniques, create and use spy gadgets and uncover the science behind spying. This is a two-day camp.

CSI Camp **\$90 (\$100 with lunch)**

June 13 - 14, 2017 8:30 a.m. - 3:30 p.m.

Challenger Learning Center

Age: Rising 5th - 8th grade

Become a Challenger Special Investigator. Read the ransom note and follow the fingerprints, fibers and other clues. You will use your powers of observation and conduct scientific tests to help solve the mystery of the missing Mars rocks. This is a two-day camp.

Mission to Mars **\$130 (\$145 with lunch)**

June 26 - 28, 2017 8:30 a.m. - 3:30 p.m.

Challenger Learning Center

Age: Rising 4th - 7th grade

Be the first human on Mars! Campers will travel to the Red Planet during a Voyage to Mars™ mission in our hands-on simulator. After arriving on Mars, they will build a life-size colony where they will live, work and train like real planetary astronauts. This is a three-day camp.

Rocket Camp **\$90** (\$100 with lunch)
July 12 - 13, 2017 **8:30 a.m. - 3:30 p.m.**
Challenger Learning Center
Age: Rising 5th - 8th grade
 After learning about the basics of rocketry, participants will build and launch several different types of rockets including eggstronaut rockets and model rockets. This is a two-day camp.

Underwater Astronaut Camp **\$170** (\$185 with lunch)
June 19 - 21, 2017 **8:30 a.m. - 3:30 p.m.**
Challenger Learning Center
Age: 11 - 14 years old
 Learn all about how astronauts train underwater to simulate working in space! Participants will receive basic scuba instruction (in a swimming pool) from Mermet Springs, and then participate in an underwater astronaut training program. Participants must be able to swim and medically fit to dive. Scuba gear is provided. This is a three-day camp. Mandatory meeting held on May 1, 2017.

Aviation Camp **\$195** (\$210 with lunch)
July 17 - 19, 2017 **8:30 a.m. - 3:30 p.m.**
Challenger Learning Center
Age: 13 - 16 years old
 What makes an airplane fly? Learn the basics of flight and apply them in different hands-on activities and simulations. After you have shown The Right Stuff, take a flight in a real airplane departing from Midwest Aviation. While in the air you will become an actual pilot when you take the yoke and fly the plane. This is a three-day camp.



CHALLENGER SEMESTER OFFERINGS

Club Challenger A **\$45**
February 21, 2017 **4:15 - 5:45 p.m.**
March 14, 2017 **4:15 - 5:45 p.m.**
April 11, 2017 **4:15 - 5:45 p.m.**
May 9, 2017 **4:15 - 5:45 p.m.**

Challenger Learning Center
Age: Current 1 - 2 grade
 Explore the amazing wonders of science during our after school program, Club Challenger. Students will join us at the Challenger Learning Center once a month to participate in exciting, hands-on activities related to space and science.

Club Challenger B **\$45**
February 28, 2017 **4:15 - 5:45 p.m.**
March 21, 2017 **4:15 - 5:45 p.m.**
April 18, 2017 **4:15 - 5:45 p.m.**
May 16, 2017 **4:15 - 5:45 p.m.**

Challenger Learning Center
Age: Current 3 - 5 grade
 Explore the amazing wonders of science during our after school program, Club Challenger. Students will join us at the Challenger Learning Center once a month to participate in exciting, hands-on activities related to space and science.

Girl Scout Program **\$40**
April 29 - 30, 2017 **7:00 p.m. - 10:30 a.m.**
Space Traveler Badge • Overnight Event
Challenger Learning Center
Age: Junior Girl Scouts

Be one of the few to earn the title of Girl Scout Space Traveler! In the evening, you will train for your mission Rendezvous with a Comet.™ Then make an out of this world snack and spend the night under the stars in our star dome. In the morning, you will fly the mission in our space simulators.

Homeschool Program • Voyage to Mars **\$25**
May 3 - 5, 2017 **1:30 - 3:30 p.m.**
Challenger Learning Center
Age: 9 - 15 years old

Be among the first humans to land on Mars! Astronauts will spend two sessions learning about Mars and training for their journey. During the last session, they will fly to Mars in our space simulators.

Homeschool Program • Rockin' Rockets **\$15**
May 3, 2017 **1:30 - 3:30 p.m.**
Challenger Learning Center
Age: 6 - 8 years old

Calling all rocketeers! After we learn all about how rockets fly, we will build our very own bottle rockets and launch them!

COMPUTER & BUSINESS WRITING CLASSES

File Organization and Management **\$59**

January 10 and 12, 2017 **6:00 - 8:00 p.m.**

Emerging Technology Center

Age: Adult

Instructor: Bettie Bean

Are you having problems finding files you have created? If you would like to know how to create folders so that you can organize your files on your computer, this is the class for you. This class will allow you to create and delete folders; create and delete files; and move existing files, as well as new files, to the appropriate folders. Class meets two sessions, Tuesday and Thursday evenings one week.

Business Writing 101 **\$95**

February 2, 9, 16, 23, 2017 **6:00 - 8:00 p.m.**

Emerging Technology Center

Age: Adult

Instructor: Bettie Bean

Have you forgotten where to put the apostrophe? Confused about using commas? This class is a thorough but quick review of basic grammar skills with a focus on business communication. With a concentration on sentence construction, usage, mechanics and general grammatical problem areas, this class offers participants the chance to update and improve their communication skills with other businesses or within their own. Class meets four consecutive Thursday evenings in February.

Microsoft Excel 2013 - Intermediate **\$95**

March 2 - 30, 2017 **6:00 - 8:00 p.m.**

Emerging Technology Center

Age: Adult

Instructor: Bettie Bean

If you are comfortable with the basics of Excel, then you are ready for this intermediate level class. In this class we will cover the following: tables, pivot tables, charting/graphing, macros and some advanced formula techniques. Class will meet four Thursday evenings in March. **No class on March 23, 2017.**



ServSafe Manager Training and Certification **\$135**
Every 3rd Thursday of each month 7:30 a.m. – 4:30 p.m.
Emerging Technology Center

Age: Adults **Instructor/Proctor: Tina Carver**

This course of training is designed to develop an understanding of the basic principles of food sanitation and safety and to be able to apply them in the food service operations. Personal hygiene habits and food handling practices that protect the health of the consumer will be reinforced. A picture ID along with a valid email address is required. Basic computer skills are helpful because the exam is web based. The book required for these sessions is the ServSafe Manager 6th Edition with the 2013 Food Code, which is available at the WKCTC campus bookstore.

ServSafe Manager Retest/Recertification Only **\$67.50**
Every 3rd Thursday of each month 2:30-4:30 p.m.
Emerging Technology Center

Age: Adult **Instructor/Proctor: Tina Carver**

This offering is for those needing to re-test due to failing of exam after having had the eight hour course or for the current certificate holder whose certification is soon to expire needing re-certification. A picture ID along with a valid email address is required.

ServSafe Food Handler Certification **\$35**
Every 3rd Thursday of each month 2:30-4:30 p.m.
Emerging Technology Center

Age: Adult **Instructor/Proctor: Tina Carver**

Here is the solution to meet any food handler training needs. Whether you are an employee seeking your Food Handler Card or an operation seeking a compliant solution for your employees, the ServSafe Food Handler Certification is the product for you. Course covers five key areas: Basic Food Safety, Personal Hygiene, Cross-Contamination and Allergens, Time and Temperature, and Cleaning and Sanitation. There are many benefits to training: increased business growth, less employee turnover and increased overall customer satisfaction to name a few. Course includes book. A picture ID along with a valid email address is required.

Registered Nurse Refresher Course **\$800**
Dates: Open **Online**

Instructor/Facilitator: Paula Isenberg

This course is designed to prepare the inactive registered nurse to return to nursing practice. This course will provide a review and update of knowledge and skills necessary to care for the patient in the acute care environment. This course is a KBN approved RN Refresher Course. If you are an inactive RN whose license has lapsed, it is in compliance with guidelines to award 120 contact hours.

The course is in a format that allows you to work at your own pace. It is in a modular format and you access the lessons and tests online. There will be one day that you will need to come to the West Kentucky Community and Technical College campus to review and demonstrate competency in nursing skills and to complete a simulation lab experience. Dates for those visits are set each semester. For more information call Paula at 270-534-3489 or email at pisenberg0002@kctcs.edu.

Waste Water Treatment Certification -
Continuing Education **\$140**

February 21, 22, 2017 **7:45 a.m. – 3:30 p.m.**

Emerging Technology Center, RM-140

Age: Adult **Instructor: Gary Russ**

The training will provide information on waste water treatment operations and maintenance, SOP development, math, sample collection, preservation and class discussion. Upon completion of the training, participants will feel comfortable with their review of waste water treatment plant distribution, maintenance, waste water treatment math, sample collection and preservation, COMOM, SORP, and SOS. There are no prerequisites for this 12-hour course of training. Call 270-534-3335 to register. State license number is required when registering. **NO ONLINE REGISTRATION IS AVAILABLE FOR THIS COURSE.**



Beekeeping - Beginning the Process **\$100****March 7 - 28, 2017** **6:00 - 8:00 p.m.****Emerging Technology Center, Room 140****Age: Adults** **Instructor: Kent Williams**

Join Kent Williams, Eastern Apiculture Society Certified Master Beekeeper, as he discusses what to expect in the first year of keeping bees - potential for honey production; potential for colony loss and pitfalls to avoid and triumphs to exploit. Necessary equipment and supplies needed for keeping bees and the attending costs; different methods of obtaining bees. Course will cover equipment options - pros and cons; costs per hive for different hive types; and yield potential vs labor needs relative to different type hives. Course will include equipment assembly workshop, basic economics of keeping bees and more. Course meets four consecutive Tuesday evenings.

Course 2: Honeybee Husbandry - A continuance of Keeping Honeybees, Beginning the Process **\$100****April 11 - May 2, 2017** **6:00 - 8:00 p.m.****Emerging Technology Center, RM-140****Age: Adults** **Instructor: Kent Williams**

This course picks up where Course 1 left off. Topics in this course will include: choosing the type of honeybees for your operation; knowing the enemy Part 1; the need to feed; developing and maintaining a sustainable honeybee business and more. There will be an opportunity to visit Kent's beekeeping business and take part in a "hands-on" lesson in beekeeping. All participation is voluntary, and protective gear will be available if needed. Course meets four consecutive Tuesday evenings.

Disclaimer: These courses of study are not meant to promote any particular method of beekeeping over other methods, but is instead intended to promote beekeeping as a whole by giving a "real-world" picture of all aspects of honeybee management and educate those involved in the study as to how to deal with the principle of "cause and effect" as it applies to each method of management. It is the intention that each participant comes away from these courses with the confidence that they can successfully manage their beekeeping project regardless of what type hive is used, or what style of management is employed.

Crocheting 101 **\$75****February 7 - 28, 2017** **6:00 - 8:00 p.m.****March 7 - 28, 2017** **6:00 - 8:00 p.m.****Emerging Technology Center****Age: 9th grade through adult** **Instructor: Anita Weathers**

In this class we will cover the basics of regular Crochet, including how to start and how to end. We will cover four basic stitches for beginners. At the end of the course, the student will complete at least one square or one round coaster. Supplies needed for the class are: Red heart yarn: pastel or medium colors or variegated. One size "G" or "H" crochet hook. Student is responsible for supplies. Course meets four consecutive Tuesday evenings.

Beginning Sign Language **\$195****February 7 - 23, 2017** **6:00 - 8:00 p.m.****Emerging Technology Center, Room 140****Adult** **Instructor: Susan Barton**

A second language can be easy to learn. Sign language can be your newly acquired language. Learn basic terms, words that would allow you to communicate with a hearing impaired person, to assist with medical needs and have some fun doing so. We will be learning American Sign Language! Week 1, Day 1 - Alphabet and numbers; Week 1, Day 2 - Review and introductory sentences; Week 2, Day 3 - Emergency words/medical terms; Week 2, Day 4 - Locations (kitchen/bathroom/etc.); Week 3, Day 5 - Foods; Week 3, Day 6 - Total review and honing skills. This class meets three consecutive weeks; on Tuesday and Thursday nights.

Women's Self-Defense Training **\$79**

(10 Consecutive Tuesday evenings)

January 3 - March 7, 2017 **6:30-7:30 p.m. or****March 14 - May 16, 2017** **6:30-7:30 p.m.****Emerging Technology Center****Instructor: ACE Certified Personal Trainer, Dustin Lynn**

Women's Self-Defense provides physical and psychological awareness, verbal confrontation skills, safety strategies and physical techniques that enable someone to escape, resist and survive violent attacks. This class can increase your options and help prepare responses to de-escalate or interrupt an attack. Like any tool, the more you know about it, the more informed you are to make a decision and to use it. This program is designed to adapt to every age and ability and provides each student with the opportunity to learn.

Circuit Training Exercise Class **\$39 per month****Monthly (Thursday afternoons)** **5:30 - 6:30 p.m.****WKCTC Fitness Center/Haws Gym****Age: Adult****Instructor: ACE Certified Personal Trainer, Dustin Lynn**

Circuit Training provides effective fat-burning exercises through resistance training. These activities strive to balance the shortcomings of one method of fitness by integrating other methods with short recovery periods for efficient cardiovascular conditioning, old-school muscle for increased strength and improved flexibility. These enjoyable classes will educate the community on the benefits of exercise and help participants overcome sedentary lifestyles! Sign up a month a time. No long term commitment.

Zumba **\$20 long session / \$10 short session****January 2 - April 3, 2017 (12 sessions)** **4:45 - 5:45 p.m.****April 10 - May 15, 2017 (6 sessions)** **4:45 - 5:45 p.m.****Haws Gym** **No classes January 16 or February 20****Age: Adult** **Tonya Rittenberry**

Zumba is a dance fitness program that combines Latin and international music with dance in an effort to make exercise fun! The music has beat and tempo changes that move the workout from one toning, strengthening or cardio move to another, and targets every major muscle group in the body. Zumba uses dance styles such as Salsa, Merengue, Mambo, Hip Hop, Tango and more.

Pre-College Summer Art Program \$375

June 5 - 16, 2017

**Ceramics and Small Metals Building
919 Madison Street and
Paducah and 2D and Graphic Design Building
905 Harrison Street**

Instructors:

The Pre-College Summer Art Program is a two-week studio experience with classes in ceramics, jewelry/metals and video production. Students will divide their time between classes at 919 Madison Street (ceramics and jewelry/metals) and 905 Harrison Street (screenwriting and video production). All materials are included in the \$375 tuition fee with lunch available from Kitchens Cafe located onsite. Students will take home finished works in each discipline. Enrollment is limited to 13 students.

WEEK 1 (JUNE 5 - 9)

Scriptwriting and Video Production

9:00 a.m. - 12:00 p.m.

**2D and Graphic Design Building
905 Harrison Street**

Instructor: JP Rhea, PSAD adjunct instructor

In this two-week class students will learn the basics of scriptwriting, video capture, editing, and audio techniques to produce a finished 3-5 minute video exploring narrative, documentary or experimental genres.

Ceramics

1:00 - 4:00 p.m.

**Ceramics and Small Metals Building
919 Madison Street**

Instructor: TBA

Introduction to basic techniques used in forming and glazing clay and producing finished ceramic objects.

WEEK 2 (June 12 - 16)

Scriptwriting and Video Production

9:00 a.m. - 12:00 p.m.

**2D and Graphic Design Building
905 Harrison Street**

Instructor: JP Rhea, PSAD adjunct instructor

This second week of the video production class continues with the basics of video capture, editing and audio techniques to produce a finished 3-5 minute video exploring narrative, documentary or experimental genres.

Jewelry/Metals

1:00-4:00 p.m.

**Ceramics and Small Metals Building
919 Madison Street**

Instructor: Shannon Duffy, PSAD adjunct instructor

Introduction to basic techniques used in joining, forming and soldering to make unique wearable art.

Watercolor for Beginners and Beyond \$110

January 14, 21, 28, 2017

9:30 a.m. - 12:00 p.m.

**2D and Graphic Design Building
905 Harrison Street**

Instructor: Anita Rodriguez-Fitch, PSAD adjunct instructor

Always wanted to paint in watercolor? Here's your chance to enjoy and explore this versatile painting medium. Students will learn traditional watercolor basics, as well as more experimental techniques. Additional \$25 estimated for student supplies to be purchased locally:

- Watercolor paint - tubes, pans or cakes
- Watercolor brushes – #12 round, #8 round, 1" flat, #4 detail brush
- 9"x12" Strathmore student watercolor paper block
- Number 2 writing OR drawing pencil
- Eraser - white
- Support board if using loose sheets
- Painter's tape for masking off large areas
- Masking tape for mounting loose sheets to board
- Water containers - no glass, please! Clean plastic margarine tubs are fine
- Paper towels

Introduction to Jewelry Making and Metalsmithing \$120

January 14, 21, 28 and

February 4, 2017

9:30 a.m. - 12: 00 p.m.

**Ceramics/Small Metals Building
919 Madison Street**

Instructor: Shannon Duffy, PSAD adjunct metals instructor

This class introduces students to the basics of working with metal and other materials. Projects are designed to cover cold connections, sawing, forming, rolling and soldering techniques. Students will create unique pendants, bracelets, cuffs or other forms of wearable art. Join the fun and get hooked on making your own bling and ornamentation. Tools will be supplied. Student supply cost will depend upon choice of materials and metals with which to work. Fee includes \$10 for studio supplies.

Introduction to Wheel Throwing and

Working with Clay

\$130

January 18, 25, and

February 1, 8,15, 22, 2017

6:30 p.m. - 9:00 p.m.

**Ceramics/Small Metals Building
919 Madison Street**

Instructor: TBA

Students in this introductory class will learn the basics of throwing forms on the potter's wheel. Finished works will be Raku fired, an exciting and dramatic technique in which red hot ceramics are placed in containers of combustible materials, creating beautiful surface effects. From start to finish, this is a fun-filled course that can be habit forming. Fee includes \$10 for studio supplies. (Additional cost of \$12-\$24 for clay according to use.)

Introduction to Oil Painting **\$110**

February 18, 25, March 4, 11, 2017 9:30 a.m. - 12:00 p.m.

2D and Graphic Design Building

905 Harrison Street, Room 201

Instructor: Tanya Nietzke, PSAD adjunct painting instructor

This class provides basic instruction in oil painting for beginners. Working from the still life, students will learn how to set up the palette, color mixing, brush selection and oil painting techniques. Students should wear appropriate clothing and a shop apron.

Supply list for students:

- Student grade oil paints (Winton-Windsor & Newton): Titanium White (large tube), Lemon Yellow Hue (large tube), Medium Red or Cadmium Red Med (small tube), Cobalt Violet Hue (small tube), Ultramarine Blue (small tube), Cerulean Blue (sky blue) (small tube).
- Linseed Stand Oil or Refined Linseed Oil, Turpenoid (no turpentine)
- Brushes (Monarch or Galeria Winsor & Newton): Flat (No. 2, No. 8, No. 14 or No. 12); Filbert (No.10 No.12, or No.14); Round Filbert: (No.2, No.6.), wood palette, palette knives, assorted - for mixing paint and as painting tools, sighting stick, view finder, rags, drafting tape, two canvases 16" x 20"

Photoshop - Digital Manipulation **\$125**

February 1, 8, 15, 22, 2017 6:30 p.m. - 9:00 p.m.

2D and Graphic Design Building

905 Harrison Street, Room 112

Instructor: Drew Johnson, PSAD adjunct instructor

Participants will learn how to use Adobe Photoshop to manipulate images, create composite images and retouch photographs. Students must be computer literate. This course is a perfect introduction to the power of Photoshop for beginners or to add to basic skills with the software. Fee includes \$15 for studio supplies.

Figure Drawing **\$130**

February 11, 18, 25, 2017 9:30 a.m. - 12:00 p.m.

2D and Graphic Design Building

919 Harrison Street, Room 202

Instructor: Randy Simmons, PSAD associate professor

In this class, students will draw from the nude model with both short and long poses. Focus will be on gesture drawing and body proportions. Students may use whatever drawing media they wish but charcoal is the recommended choice. Fee includes \$20 model fee. Additional supply list for students \$10-15 estimated cost of student supplies to be purchased locally:

- Block and vine charcoal
- 18" x 24" newsprint pad
- kneaded or white eraser

3D Printing **\$110**

January 21, 28 and

February 4, 11, 2017

9:30 a.m. - 12:00 p.m.

Sculpture Building

919 Madison Street

Instructor: Shane Ward

In this course, students will be introduced to 3D printing through the use of software and strategies for 3D modeling and the use of Makerbot and Printerbot 3D printers to make small unique objects. Computer literacy required. Fee includes all materials.

Fiber Arts **\$198**

February 18, 25, March 4, 11, 2017 9:30 a.m. - 3:00 p.m.

2D and Graphic Design Building

905 Harrison Street, Room 207

Instructor: Lily Liu

Students will be introduced to fibers as an art form and will integrate sewing, weaving and felting techniques with an eye toward object making and sculptural approaches to the discipline. Materials cost extra.

Digital Painting **\$120**

April 1, 8, 22, 29 2017

9:30 a.m. - 12:00 p.m.

2D and Graphic Design Building

905 Harrison Street, Room 207

Instructor: JP Rhea, PSAD adjunct instructor

This class covers the basics of Adobe Photoshop and the Wacom Intuos 4 tables to create digital paintings and illustrations. Participants will also create custom brushes and color swatches in Photoshop and learn how to customize and become familiar with the Wacom tablet and pressure sensitive pen as an alternative to a traditional computer mouse when making digital art. Students will produce fine art prints. Costs of printing will depend on size and material printed. Cost includes \$10 fee for studio supplies.

Camera Phone 101 **\$120**

May 13, 20, 27, 2017

9:30 a.m. - 12:00 p.m.

2D and Graphic Design Building

905 Harrison Street, Room 207

Instructor: JP Rhea, PSAD adjunct instructor

Learn how to take better photographs with your mobile device or smart phone. This class covers basic photographic considerations such as framing and the rule of thirds, lighting considerations such as the Golden Hour and using bounces and/or reflectors, as well as photo editing options using mobile apps (for Android and iPhone) and output options for uploading to social media and printing hard copies of your photographs. Cost includes \$10 fee for studio supplies.

SATURDAY INTENSIVES FOR HIGH SCHOOL STUDENTS

3D Printing \$75

January 21, 28, and February 4, 11, 2017 9:30 a.m. - 12:00 p.m.

Sculpture Building
919 Madison Street
Instructor: Shane Ward

In this course, students will be introduced to 3D printing through the use of software and strategies for 3D modeling and the use of Makerbot and Printerbot 3D printers to make small unique objects. Computer literacy required. All materials included in fee.

Digital Photography \$75

February 18, 25, and March 4, 11, 2017 9:30 a.m. - 12:00 p.m.

(includes all materials)
2D and Graphic Design Building, Room 120
905 Harrison Street

Instructor: Paul Aho

Students will expand their skills to improve their photographs, enhance their portfolios, learn to: capture, import and optimize their photographs with Adobe software, and apply advanced imaging techniques and produce fine art prints from their digital images. All materials included in fee.

Fiber Arts \$75

February 18, 25, March 4, 11, 2017 9:30 a.m. - 12:00 p.m.

(includes all materials)
2D and Graphic Design Building, 905 Harrison Street, Room 207

Instructor: Lily Liu

Students will be introduced to fibers as an art form and will integrate sewing, weaving and felting techniques with an eye toward object making and sculptural approaches to the discipline.



CHILDREN'S PROGRAMS

Get Creative \$35

January 21, 2017 9:00 a.m. - 11:00 a.m.

Age: 6 - 10

January 28, 2017 9:00 a.m. - 11:00 a.m.

Age: 11 - 15

2D and Graphic Design Building
905 Harrison Street, Room 205

Instructor: John Romang

In this workshop, participants will use hot glue, ink, and recycled acrylic sheets to create small scale abstract sculptures, combining form and color to create unique works of art. Fee includes studio supplies.

Get Colorful \$35

February 4, 2017 9:00 a.m. - 11:00 a.m.

Age: 6 - 10

February 11, 2017 9:00 a.m. - 11:00 a.m.

Age: 11 - 15

2D and Graphic Design Building
905 Harrison Street, Room 201

Instructor: TBA

This program explores contemporary painting with ink and acrylic paint to create unique and collaborative abstract paintings. Fee includes studio supplies.

Get Muddy \$59

February 18, 25, 2017 9:00 a.m. - 11:00 a.m.

Age: 6 - 10

March 4, 11, 2017 9:00 a.m. - 11:00 a.m.

Age: 11 - 15

Ceramics/Small Metals Building
919 Madison Street

Instructor: Juanita Gilliam

This program explores basic techniques with clay. Participants will dig into clay with instruction and their own creative energy, completing objects and forms that will last a lifetime! Fee includes studio supplies.



Photographic Fundamentals 101**\$100**

January 17 - February 14, 2017

6:00 - 8:00 p.m.

March 7 - April 4, 2017

6:00 - 8:00 p.m.

May 2 - 30, 2017

6:00 - 8:00 p.m.

Emerging Technology Center

Age: Adult**Instructor: Jim Ethridge**

Learn the basics of making a great photograph. Class will cover topics like camera types, aperture, shutter speeds, ISO, composition, posing, lighting and how they work together to produce a great photograph. There will also be a local field trip and critique to test your skills. Class meets five consecutive Tuesday evenings. Please bring your own camera to class. (Not a point and shoot.)

Everyday Photographic Lighting -**Single Saturday Sessions****\$39**

February 25, 2017

9:00 a.m. - 12:00 p.m.

April 22, 2017

9:00 a.m. - 12:00 p.m.

June 3, 2017

9:00 a.m. - 12:00 p.m.

Emerging Technology Center

Age: Adult**Instructor: Jim Ethridge**

Without light there would be no photograph. This class will help you identify variations in light quality and which are best for different types of photographs. Learn how different lighting situations, both inside and out, can improve your photography. Time will be spent on portrait lighting, and other photographic situations using equipment you already have. Please bring your own camera to class. (Not a point and shoot.)



WeDo Robotics 2.0 **\$135**

March 13, 20, 27, April 10, 17, 24, 2017 4:00 - 5:30 p.m.
Emerging Technology Center

Age: 2 - 3 grade

Instructor: Bill Kunnecke

Has your child enjoyed one of our WeDo LEGO camps? Then they will find new challenges in our WeDo LEGO 2.0 after school program. This program uses the latest Lego educational kit. Students will get an innovative interactive experience that introduces them to more concepts in computer programming. The more your child learns, the more they enjoy their creations as they control their movements and sounds! Light snack provided. (No class on April 3, 2017 due to Spring Break.)

Code Makers **\$135**

**January 10, 17, 24, 31, and
February 14, 21, 2017**

4:00 - 5:30 p.m.

Emerging Technology Center

Age: 2 - 5 grade

Instructor: Bill Kunnecke

This after school workshop gives your child a jump on computer programming literacy which many believe to be a necessary 21st century skill. Students will develop their basic coding skills through a variety of digital tools. The tools include a virtual gaming platform using the web educational tools at Kodable.com and Tynker.com. Students will develop characters, solve puzzles and create game apps while learning the seven basic tools of computer coding. Students will post some of their creations so they are accessible on the web for family and friends using an instructor provided password. Additional topics covered in this intermediate coding camp (to help create games) include keyboard/mouse interaction, conditional loops, fluid motion, parallax scrolling, local and global variables, functions, and object cloning. No class on February 7, 2017.

Adult/Child EV3 Robotics Workshop

EV3 Robotics 1.0 **\$135/pair**

Feb 2, 9, 16, 23, March 2, 9, 2017 5:30 - 7:00 p.m.

Emerging Technology Center

Age: 10 - 100 years old

Instructor: Bill Kunnecke

Pairs are defined as a child/adult. They can be teacher/student, parent/grandparent or mentor/mentee (with parent approval). In this six session workshop, participants will learn about and develop a literacy about the latest and most powerful robotics system created by LEGO's - the EV3. Pairs will be introduced to the computer science through the Guided User Interface (GUI) programming environment. This will be crucial to creating human like behavior in the mobile robotic each pair will create. Pairs will systemically be introduced to the four sensors available for their robot and be challenged to apply their new knowledge each session.



WeDo Robotics 1.0 **\$125**
June 5 - 9, 2017 or **12:30 - 4:00 p.m.**
June 19 - 23, 2017
Emerging Technology Center
Age: 1 - 3 grade

For new campers, we offer the classic WeDo Robotics (1.0). This proven program challenges young students to build and program interactive robotic models while providing age appropriate visual instruction. LEGO lovers will pair up with a partner to build birds, soccer players, giants, planes and more! Plus, students learn how to use computer coding to help manipulate their creations. Show-and-tell on the last day of camp will allow you to celebrate your child's accomplishments for the week. This is a great opportunity to give your child a leg up on STEAM (Science, Technology, Engineering, Art and Math) experiences in a highly motivating environment.

WeDo Robotics 2.0 **\$125**
June 12 - 16, 2017 **12:30 - 4:00 p.m.**
Emerging Technology Center
Age: 1 - 2 grade

Has your child enjoyed one of our WeDo LEGO camps? Then they will find new challenges in our WeDo LEGO 2.0 camps. This camp uses the latest Lego Educational Kit, as well as, different builds from the WeDo 1.0 camp. Students will still get an innovative interactive experience that introduces them to more concepts in computer programming. The more your child learns, the more they enjoy their creations as they control their movements and sounds!

Simple Machine 1.0 **\$125**
June 5 - 9, 2017 or
June 26 - 30, 2017 **12:30 - 4:00 p.m.**
Emerging Technology Center
Age: 3 - 4 grade

Our most popular camp will provide students with experiences that will enlighten them on the basics of machines by building, manipulating and testing LEGO models. Students will pair up to share a Simple Machine LEGO kit (over 300 pieces) and put LEGO motors to work on their constructions later in the week. This camp challenges young students while providing age appropriate visual instructions. Students will learn foundational engineering principles in the motivating environment of LEGOs. LEGO lovers will create end-loaders, fork lifts, fishing poles, cars, pulley systems and more!

Simple Machine 2.0 **\$125**
June 19 - 23, 2017 **12:30 - 4:00 p.m.**
Emerging Technology Center
Age: 4- 5 grade

This camp will provide students with experiences that will enlighten them on the basics of machines by building, manipulating and testing LEGO models. Students will pair up to share a Simple Machine LEGO kit (over 300 pieces) and put LEGO motors to work on their constructions later in the week.

This camp is for the camper who experienced the LEGO Simple Machine 1.0 camp previously. Students will enjoy how this camp deepens their experience with engineering principles with more challenging builds. Camp activities include the use of pneumatics, motors and LEGOs to build robotic lifts and claws.

EV3 Robotics 1.0 **\$125**
June 12 - 16, 2017 **12:30 - 4:00 p.m.**
Emerging Technology Center
Age: 5 - 8 grade

EV3 Robotics 1.0 is our introductory robotics camp for EV3 LEGO robotics. Students will learn about and develop literacy about the latest and most powerful robotics system created by LEGO's - the EV3. Students will be introduced to the computer science through the Guided User Interface (GUI) programming environment. This will be crucial to students creating human like behavior in the mobile robotic each pair of students will create. Students will systematically be introduced to the four sensors available for their robot and be challenged to apply their new knowledge each day. At the end of the week, students will be given a choice of to build a special interactive model for show-and-tell. They will choose a color sorter, a puppy, a gyrobot or robot arm to share the last day.

EV3 Robotics 2.0 **\$125**
June 26 - 30, 2017 **12:30 - 4:00 p.m.**
Emerging Technology Center
Age: 5 - 9 grade

Has your child enjoyed EV3 LEGO camps or have they experienced EV3's in other settings? Then they will find new challenges in our EV3 LEGO 2.0 camps. This camp is for the competitive RCX or First Lego Leaguer looking to gather more experience and expertise with programming techniques, sensor applications and strategy in preparation for the 2016-17 competition season. Students will be challenged to complete mission/s with their robot and LEGO attachments they develop. Students will demonstrate missions accomplished the last day of camp.

NXT LEGO Robotics & the Mars Mission **\$125**

June 5 - 9, 2017 **8:00 - 11:30 a.m.**

Emerging Technology Center

Age: 5 - 8 grade

This camp allows students to use the classic NXT LEGO Robotics system to build a mobile robot and add four sensors that help students mimic human-like behavior. Students will apply their skills to solve "Mars Mission LEGO Adventure" problems using the robot and the software-programming environment. Students will share missions accomplished on Friday's Show-and-Tell.

EXTREME STEAM OFFERINGS (NON LEGO BASED)

CODING FOR KIDS

Code Makers 1.0 **\$125**

June 5 - 9, 2017 or June 19 - 23, 2017 **8:00 - 11:30 a.m.**

Emerging Technology Center

Age: 1 - 2 grade

This camp gives the novice child a jump on computer programming literacy, which many believe to be a necessary 21st century skill. Students will develop their basic coding skills through a variety of digital tools. The tools include a virtual gaming platform using the web educational tools at Kodable.com and Tynker.com. Students will develop characters, solve puzzles and create simple digital games while learning the seven basic tools of computer coding.

Code Makers 2.0 **\$125**

June 12 - 16, 2017 **8:00 - 11:30 a.m.**

Emerging Technology Center

Age: 2 - 5 grade

This camp gives your child a jump on computer programming literacy, which many believe to be a necessary 21st century skill. Students will develop their basic coding skills through a variety of digital tools. The tools include a virtual gaming platform using the web educational tools at Kodable.com and Tynker.com. Students will develop characters, solve puzzles and create game apps while learning the seven basic tools of computer coding. In the intermediate camp, students will post some of their creations on the web so they are accessible for family and friends using an instructor provided password. Additional topics covered in this intermediate coding camp (to help create games) include keyboard/mouse interaction, conditional loops, fluid motion, parallax scrolling, local and global variables, functions and object cloning.

Make it / Take it **\$200**

June 12 - 16, 2017 **8:00 - 11:30 a.m.**

Emerging Technology Center

Age: 5 - 8 grade

Campers will experience a Makerspace! Our "Makerspace" is a safe building environment for youth. Campers mix raw materials with technology to create something amazing! This camp will provide each camper with a variety of hands-on learning experiences that connect to the STEAM topics (Science, Technology, Engineering, Art and Math). Classic experiences like Origami paper folding will be combined with construction based problem solving (e.g. the penny boat float). Finally, these experiences will be combined with digital design experiences (like Google SketchUp). Selected constructions/technologies will be sent home at the end of the camp including a Makey-Makey Kit! (Cost includes \$75 materials / technology fee.)

APP Inventors **\$125**

June 26 - 30, 2017 **8:00 - 11:30 a.m.**

Emerging Technology Center

Age: 5 - 10 grade

Campers will take advantage of the tools developed MIT to apply program languages like JavaScript and Python to the world of App building. Campers will be walked through the building of a simple app and then encouraged to develop an app from a menu of choices such as game design, GPS applications and more. Instead of saying "There's an app for that," students will gain experience that may have them ready to say "I can make an app for that!"

TinkerCAD & 3D Printing 1.0 **\$125**

June 19 - 23, 2017 or June 26 - 30, 2017 **8:00 - 11:30 a.m.**

Emerging Technology Center

Age: 3 - 5 grade

Students will learn digital environments that will let them create in computer-aided design (CAD). Campers will be introduced to the process needed to create structures from a 3D printer. WKCTC Extreme STEAM camps will provide students access to our arsenal of 3D printers and bring home several creations from some of the digital files students generate from various 3D design platforms (including MakerBot).

TinkerCAD & 3D Printing 2.0 **\$125**

June 26 - 30, 2017 **12:30 - 4:00 p.m.**

Emerging Technology Center

Age: 5 - 10 grade

Students will learn digital environments that will let them create in computer-aided design (CAD). Campers will be introduced to the process needed to create structures from a 3D printer. Camper experiences will include a challenge where they design digital design creative structures for the purpose of addressing a problem-solving scenario. The printed results will be tested for quality as well as a solution to the problem. Students will be able to take some of their solutions with them at the end of the camp.

SUMMER CAMPS

Creative Exploration Drama Camp **\$125**

June 12 - 16, 2017

8:00 a.m. - 4:00 p.m.

Student Center/Theatre

Age: 6- 12 grade **Instructors: Ken Owen & Liz Romain**

Learn to be a star actor in this five-day camp. Explore your creative side while being taught the elements of play production and performance. Participants will help design and build the sets for two shows, explore their artistic side in art class and participate in the performances. Lunch and snacks provided. Plays will be performed Friday evening June 16.

No Boys Allowed Summer Camp **\$125**

June 19 - 23, 2017

8:00 a.m. - 4:00 p.m.

Allied Health Building

Age: 7- 12 grade

Instructors: Varetta Hurt and Tracy Davidson

This camp is designed to give middle school and high school girls an opportunity to explore exciting engineering and scientific fields through demonstrations, classroom presentations, hands-on activities, field trips, contacts with professionals and more in the STEM fields. Lunch and snacks provided.

Off-Season Wrestling Conditioning Camp **\$125**

June 5 - 9, 2017

9:00 a.m. - 12:00 p.m.

Haws Gym

Age: 5 - 12 grade

Instructor: ACE Certified Personal Trainer, Dustin Lynn

Off-Season Wrestling Conditioning is a summer camp that provides exercises to scholastic wrestlers interested in gaining and maintaining power, explosiveness, endurance, agility, and flexibility during the off-season. Principles and strategies in the form of physical games and activities are stressed in this camp, utilizing efficient and effective methods of coordination that do not rely on size and strength.

Hooked on Science Academy **\$125**

July 24 - 28, 2017

8:00 a.m. - 4:00 p.m.

Emerging Technology Center, RM-141

Age: 1-5 grades

Instructor: Jason Lindsey

From engineering a solar car to building a robot, your child will spend the week doing some amazing science with Jason Lindsey, a.k.a. "Mr. Science" with Hooked on Science. Camp meets daily. Breakfast, lunch and snack provided.

If you registering one or more children, you will receive a 10% discount. For the discount you will need to call 270-534-3335. Register your first child but call for registering any additional children.



ACADEMIC ONLINE CLASSES

Take advantage of West Kentucky Community and Technical College's academic online courses to help improve skills in your current work setting and earn credits toward certificates and degrees to increase your opportunities for higher paying positions. Classes can also be taken to transfer to a four-year institution. For more information, including class fees, contact the Online Learning Department at West Kentucky Community and Technical College at (270) 534-3448.

NON-ACADEMIC ONLINE CLASSES

Community and Continuing Education Certificates and Courses

Ed2Go
www.ed2go.com



Take computer classes from your home or office! All you need is a computer and internet access. Visit our Online Instruction Center where you will find complete course descriptions, instructor bios, and easy-to-follow instructions.

Choose from more than 300 classes in categories including the Internet, webpage design and graphics, multimedia, basic computer literacy, desktop publishing and imaging, computer troubleshooting certification prep, digital photography and video, languages, writing and publishing,

entertainment industry careers, grant writing and nonprofit management, business planning and entrepreneurial courses, sales and marketing, test prep, personal and career development and so much more. All classes are instructor-facilitated.

West Kentucky Community and Technical College does not grant any certificates or diplomas for classes or courses taken through ed2go. None of these classes or courses qualify for financial aid.

WKCTC NOW
www.wkctcnw.com

This site allows you to find the class you want to take; pay for the class if that is required; open the class and complete it; and be granted a certificate all in one time and place. West Kentucky Community and Technical College can now offer you instant access to the course work that you need to advance your career and your knowledge. West Kentucky Community and Technical College does not grant certificates or diplomas for classes or courses taken through ed2go. None of these classes or courses qualify for financial aid.

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Dr. Anton Reece
WKCTC President

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