



EKU Camino Camp Course Catalog

Each camper will take one class on Monday, Tuesday, and Wednesday
June 24, 25, 26

Name	Description	Faculty	Department/College	Day	Facilitator
American Sign Language	Deaf Culture and ASL--How Cool!! This class option will provide you with an opportunity to learn about Deaf Culture and American Sign Language. Come and learn about this unique linguistic minority!! You will be given a chance to learn short phrases that you can use to talk with a Deaf person as well as play a few games common in the Deaf Community. Promises to be a fun experience and you will learn to talk with your hands!! Your teachers will be Deaf!!	Prof. Vicki Brashear vicki.brashear@eku.edu	College of Education	Monday Wallace 275	
Exercise Physiology Lab	Students will come to the exercise physiology lab and be able to have their body composition measured, performs tests on a force plate, and learn how to use other lab equipment along with information about exercise science."	Dr. Mike Lane PhD, CSCS michael.lane@eku.edu	Exercise and Sports Science <i>College of Health Sciences</i>	Tuesday Moberly 223	

<p>Lights, Sound, Action: Cyber control systems for making lights change colors, buzzers hum, and motors turn</p>	<p>Lights, Sound, Action: Cyber control of systems for making lights dance, buzzers hum, and motors turn: Participants of this hands-one workshop will be immersed in the world of computer-based control interacting with fun activities involving electronic devices. They will use input devices for bringing real-world, real-time sensor and switch data into a miniature computer control system, a micro-controller. This information will be used to adjust an output lighting grid, sound, and movement of motors using step-by-step instructions which students will provide the micro-controller. They will learn about systems that can respond dynamically to changes in the environment.</p> <p>Students may take photographs or videos of their projects for demonstrating computer based control for the sample educational cyber control systems they develop, test, and troubleshoot. The camp will allow students to understand the process of making decisions based on available sensor data as well as consideration for other factors. They will have the opportunity to plan and deploy a sequence of operations in turn, and</p>	<p>Dr. Vigyan (Vigs) J. Chandra, vigs.chandra@eku.edu</p>	<p>Applied Engineering & Technology <i>College of Business and Technology</i></p>	<p>Monday Whalin 400</p>	
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	learn about the foundations of computer controlled systems.				
Probability Games	Participants will use play money to play probability games.	Dr. Lisa Kay. lisa.kay@eku.edu ,	Dept. of Mathematics and Statistics <i>College of Science</i>	Tuesday Wallace 346	
American Sign Language	Deaf Culture and ASL--How Cool!! This class option will provide you with an opportunity to learn about Deaf Culture and American Sign Language. Come and learn about this unique linguistic minority!! You will be given a chance to learn short phrases that you can use to talk with a Deaf person as well as play a few games common in the Deaf Community. Promises to be a fun experience and you will learn to talk with your hands!! Your teachers will be Deaf!!	Prof. Vicki Brashear, MS, CSC vicki.brashear@eku.edu	College of Education <i>American Sign Language and Interpreter</i>	Wallace 275	
Computer Programming	Is programming easy or tough?" We will show the students "The basics of Visual Studio and C# language with hands-on examples."	Dr. Kuangnan Chang Kuangnan.Chang@eku.edu	Computer Science <i>College of Science</i>	Wed. Wallace 449	
Forensic Human Factors	In a civil lawsuit such as an automobile accident or fall injury, the court usually relies upon psychologists to assess claims in the case. In this class, you will learn a few basic psychological principles that could be used to	Dr. Michael Chen hung-tao.chen@eku.edu	Dept. of Psychology <i>College of Letters, Arts, and Social Sciences</i>	Tuesday Cammack 212	

	analyze injury accident claims. Students will be divided into teams to "testify" as expert witnesses at the end of the class.				
Creative Writing	Not your five-paragraph essay! Students will break out of the mold of standardized writing, getting to know one another more deeply by crafting poems or lyric essays about their families, their childhoods, and their hometowns.	Prof. Julie Hensley julie.hensley@eku.edu	Bluegrass Writers Studio Dept. of English <i>College of Letters, Arts, and Social Sciences</i>	Monday Combs 105	
Psychology of Bilingualism	The Psychology of Bilingualism investigates the human experience of communicating in more than one language. Researchers have explored a wide range of cognitive, linguistic, and socio-emotional topics when studying the bilingual mind. In this hands-on activity, students will be divided into groups and will be asked whether certain statements are myths or truths about bilingualism. Decades of empirical research have shown that many people have misconceptions about the bilingual experience. Will your group know the right answers to all the questions?	Dr. Sara Incera Sara.Incera@eku.edu	Dept. of Psychology <i>College of Letters, Arts, and Social Sciences</i>	Monday 27 Cammack	
Mind Hacking: Mnemonic Devices and the Science of Learning	Mnemonic devices are memory tricks that tap into the brain's hidden ability to store and retrieve information. In this workshop you will learn how to memorize lists of words, phrases, or concepts in just a few seconds by mimicking the way the brain encodes	Dr. Travis Martin travis.martin@eku.edu	First Year Courses Administrator	Wed. Lib 128	

	<p>memories. At the end of the workshop, you will be able remember twenty (or more) items frontwards, backwards, in any order and without the need to rehearse for up to 48 hours. You will also be provided with information about a number of scientifically-proven learning strategies that anyone can use and that will help you both inside and outside the classroom. Prepare to be amazed at what your mind can do!</p>				
<p>Messages from the Sky</p>	<p>In this activity we will investigate the methods that astronomers use to learn about celestial objects. We will use spectrometers to look at the spectrum of different light sources and determine the contents of an unknown gas.</p>	<p>Dr. Jessica C. Lair jessica.lair@eku.edu</p>	<p>Physics and Astronomy <i>College of Science</i></p>	<p>Monday NSB 3125</p>	
<p>Not All Superheroes Wear Capes</p>	<p>We plan to introduce the roles Environmental Health specialists and Medical Laboratory Scientists play during an outbreak. We plan to accomplish this via tabletop exercise that will lead the students through an epidemiological study, patient interviews, environmental sample collection, sample submission to the laboratory and laboratory testing, results and interpretation of the results.</p>	<p>Dr. Vonja Grabeel vonja.grabeel@eku.edu</p> <p>Dr. Ismail El-Amouri ismail.el-amouri@eku.edu</p> <p>Jamie Hisel, MPH Jamie.Hisel@eku.edu</p>	<p>Department of Medical Laboratory and Environmental <i>College of Health Sciences</i></p>	<p>Wed Disney 214</p>	

<p>Epidemiology Detective Game</p>	<p>Students will be given characters, potential infection sites, and infectious agents. They will need to work together to figure out the mystery as to why certain people got sick.</p>	<p>Dr. Molly McKinney molly.mckinney@eku.edu</p>	<p>Public Health <i>College of Health Sciences</i></p>	<p>Tues. Dizney 128</p>	
<p>What is Occupational Therapy?</p>	<p>Students will have the opportunity to learn about Occupational Therapy and the role that they hold in a variety of health care settings and populations. The students will get the chance to look at and practice using different adaptive devices that Occupational Therapists use to help their clients compensate for a disability. We will be simulating completing activities of daily living with a disability.</p>	<p>Dr. Casey Humphrey casey.humphrey@eku.edu</p> <p>Dr. Leah Simpkins leah.simpkins@eku.edu</p>	<p>Dept. of Occupational Science and Occupational Therapy <i>College of Health Sciences</i></p>	<p>*Tuesday Dizney 142</p>	
<p>Nursing</p>	<p>We will begin with a lively game of NURSE to get participants acquainted with opportunities in nursing, common nursing activities, and members of the healthcare team. Participants will then rotate through 3 stations in the Clinical Skills & Simulation Center for hands-on practice of some basic nursing skills and to interact with one of the high-fidelity simulators. Our session will conclude with the group engaging in an electronic quizzing game that we use in many of the nursing courses, 'Kahoot', emphasizing the importance of science and math in the nursing profession.</p>	<p>Dr. Catherine Edwards catherine.edwards@eku.edu Dr. Keri New keri.new@eku.edu Dr. Heather Norris heather.norris@eku.edu</p>	<p>Nursing <i>College of Health Sciences</i></p>	<p>Tuesday Rowlett 301</p>	

<p>Mock Trial: Creating Leaders, Not Just Lawyers</p>	<p>Come learn about the nationally-ranked EKU Mock Trial Team. Meet members of this team and learn how academic competitions can enrich your college experience. Practice some speech, examination, and acting exercises to see if mock trial is right for you.</p>	<p>Dr. Lynnette Noblitt lynnette.noblitt@eku.edu</p>	<p>Dept. of Government and Economics <i>College of Letters, Arts, and Social Sciences</i></p>	<p>Wed. Noel Studio Discovery Classroom</p>	
<p>Geology</p>	<p>What are you sitting on that moves the same speed as fingernails grow but not always in the same direction? Are the Hawai’ian Islands “moving” (and what’s up with those quote marks)? Why are parts of Washington state equally likely to be destroyed by volcanoes, big earthquakes, or huge waves, and how are Washington state and Indonesia very much alike? Did dinosaurs really swim all the way across the Atlantic Ocean? How did Kentucky end up in an ocean...on the equator, no less? Which mountain chain is found in both the U.S. and Europe? Why is Mt. Everest so freaking tall? How could there have been glaciers in central Africa where it is really hot? What’s GIS and why do all the cool kids use it and play with it?</p> <p>Find answers to all of these questions during some fun, student-centered activities that will have you exploring the whole Earth at once and how she* works for yourself with real data that I will provide to you, and create some really interesting maps along the way.</p> <p>*Mr. BlackEagle is Lakota (you may know us as “Sioux” – there’s those quote marks again),</p>	<p>Prof. Cory BlackEagle <i>cory.blackeagle@eku.edu</i></p>	<p><i>Department of Geosciences</i></p>	<p>Monday NSB 2201</p>	

	and for us, the Earth is our mother and grandmother – hence, “she”.				
Chemistry	Have you ever wondered about dyes used to make different colored candies? During this lab, we will be performing gel electrophoresis to determine which colors and dyes are found in your favorite candies.	Dr. Tanea Reed tanea.reed@eku.edu	Dept. of Chemistry <i>College of Science</i>	Monday NSB 5106 Biochemistry lab	
Art and Design	Have you ever wondered “What is graphic design?” Then this is a the right class for you! Students will be introduced to the world of graphic design and one of the top programs used by designers, Photoshop! Together we’ll discover the basics tools of Photoshop and create a fun piece that can be shared on social media and with family and friends.	Shannon McCarthy Shannon.mccarthy@eku.edu	Dept. of Art and Design <i>College of Letters, Arts, and Social Sciences</i>	*Wed. Burrier 204	

<p>Safety Lab Confined Space Role Playing Investigation</p>	<p>Explore the exciting field of occupational safety through a hands-on experience in the EKU Safety Lab. You will gain an understanding of occupational safety issues faced by many workers around the world and job opportunities that await you.</p>	<p>Dr. Scotty Dunlap, Ed.D, CSP scotty.dunlap@eku.edu</p>	<p>School of Security, Safety, and Emergency Management <i>College of Justice and Safety</i></p>	<p>*Monday Outside of the safety lab at the corner of Kit Carson and Lancaster</p>	
<p>Social Work</p>	<p>It's a whole new world: we have all been stranded in a desert island and have to develop our new society. This interactive course will explore social policy as we figure out how to start all over again to fashion a new world.</p>	<p>Prof. Stephanie Adams MSW CSW stephanie.adams@eku.edu</p>	<p>Social Work Program <i>College of Letters, Arts, and Social Sciences</i></p>	<p>*Wed. Keith 229</p>	
<p>Ready For Anything!</p>	<p>Short Description: AmeriCorps KY READY Corps members will lead camp attendees in fun and informative disaster and emergency readiness and resilience activities that campers can utilize and take home to share with friends, family and peers to help their family and community be more ready.</p>	<p>Prof. Julie Struck julie.struck@eku.edu Prof. Chad Foster chad.foster@eku.edu</p>	<p>Kentucky Ready Corps <i>College of Justice and Safety</i></p>	<p>Wed. Combs 106</p>	

Psychology	This class will explore a variety of topics, including psychology in the workplace, predicting and preventing suicide, and love.	Dr. Jerry Palmer jerry.palmer@eku.edu	Dept. of Psychology College of Letters, Arts, and Social Sciences	*Wed. Camm 205	
Food and Nutrition	This food production class will provide hands-on activities by making creative pizza from making the dough to baking pizza and/or calzone. The participating students will also learn about food safety guidelines and commercial kitchen equipment during the class.	Dr. Sangwook Kang sangwook.kang@eku.edu	Department of Family and Consumer Sciences	Tuesday 301 Burrier	
Music	Listening to Jazz Music is often considered a musical language, but various genres of music often have very distinctive characteristics. Jazz, which originally came from the blues, ragtime, church music, and other styles, was for a time the popular music of the day, and it continues to influence the music we listen to today as well as the artists who create it. In this course we will examine what makes jazz distinctive,	Dr. Larry Nelson larry.nelson@eku.edu	School of Music	Tuesday Combs 108	

	<p>who some of its most innovative artists were, and some aspects of the music that can enhance your listening experience.</p>				
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