

Week 1: June 5-9, 2017
9:00am to 3:00pm

Week 1 Morning Sessions: 9-11:45am (4)

Detective Training

Teacher: Coral Lumbley

Who stole the queen's diamond necklace? Why are there footprints leading to the bank safe but none leading away? Want to learn how to analyze clues to solve these mysteries? Taking cues from detectives like Sherlock Holmes and Nancy Drew, we will study how detective stories began and how they work. Students will put their knowledge to practical use as they study suspicious clues, use mysterious riddles to find hidden objects, and write and illustrate their own detective stories. The week will culminate with a puzzling quest for a prize-filled treasure box.

Aerospace Engineering

Teacher: Elle Wroblewski, M.S.

Challenge your creative abilities by spending the week designing and experimenting with your own wooden gliders, miniature parachutes, Alka-Seltzer rockets, and paper helicopters. Participate in design activities that teach the fundamentals of Aerospace Engineering, while also demonstrating the importance of creativity and innovation as you design. Solve orbit problems like Katherine Johnson from *Hidden Figures* with a step-by-step math workshop. Learn about how rockets were developed in China and how they are used today. Discover how jet engines work, how to collect data and run experiments as well as the history and future of air and space technology. Believe it or not, all of this in one week!

Architectural Drawing

Teacher: Lisa Evans

Learn to make dynamic architectural drawings while studying the world-class architecture on the U of I campus. This workshop will involve daily sketching trips to campus sites to enjoy the visual language of architecture plus in-classroom instruction on how to achieve realistic three-dimensional effects using perspective, value and proportion. We will explore pencil, ink and watercolor painting. Whether you want to be an architect or just learn to draw better, you'll improve your art skills while enjoying the great outdoors.

Robotics

Teachers: Martin Grosman, Chloe Pollock-Muskin, Isandro Malik

Learn the basics of Robotics and Engineering. Students will work in teams to construct a robot that completes a series of challenges. Each challenge is designed to expose our students to a new facet of robotics, ranging from basic programming, to sensor usage, to structural integrity. No prior experience is required, as the class begins with a crash course on all the parts and their respective functionalities.

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Week 1 Afternoon Sessions: 12:15-3pm (4)

Magical and Medieval Beasts

Teacher: Coral Lumbley

Due to high demand, Hogwarts professors have decided to offer an extension course on magical creatures to students not enrolled at their school, i.e. muggles. In this course, students will learn about the magical beasts found in *Fantastic Beasts & Where to Find Them* and the *Harry Potter* series by J.K. Rowling.* Students, then, will explore the historical and folkloric sources of the creatures they encounter as found in medieval literature, mythology, and bestiaries. Along the way, students will work on creating their own guide on magical creatures, as well as experiencing some of the highlights of Hogwarts!

*Recommended: Read *Fantastic Beasts & Where to Find Them* and *Harry Potter & the Sorcerer's Stone* before class begins.

Costume Accessories: Masks, Crowns, Shields and Scepters

Teacher: Lisa Evans

Bring a favorite character from history alive! Employ mixed media techniques to create fun and wearable fantasy gear. If you like making theatrical accessories or just want to get an early start on that perfect Halloween costume, you'll learn how to achieve great artistic effects through assemblage and faux painting techniques in this class.

Summer Camp Activities and Games

Teacher: Janai Rodriguez

This course aims to incorporate activities and games that one might engage in if they were away at a summer camp. From arts and crafts projects to outdoor group challenges, this course will bring back the nostalgia of those summer camp days! Bring your creativity and sunscreen as we will participate in both indoor and outdoor adventures.

Fun with Japanese

Teachers: Elizabeth Atkinson, Alyssa Rauschenberger, Macheila Anderson, Irina Cheng, and Mari Innami.

Explore the rich culture, traditions, history, and language of Japan. Have fun learning the basics of the Japanese language and writing system, and a variety of fundamental sentence structures and expressions, in addition to becoming familiar with how to write a few simple and fun *kanji*. We will explore Japanese culture and traditions through learning about traditional holidays, art, food, and games. Join us for a week of fun, learning, and activities!

Download registration forms at <https://uni.illinois.edu/camp>.