

# 2024 SUMMER YOUTH ARTS TECHNOLOGY PROGRAM

Center for the Digital Arts • 27 North Division Street Peekskill, NY 10566  
www.sunywcc.edu/peekskill • 914-606-7300 • peekskill@sunywcc.edu

The Youth Arts Technology program is a STEAM program focused on engaging youth in arts technology integration that will better prepare them for advanced study and work in the 21st century. STEAM (Science, Technology, Engineering, Art, and Mathematics) focuses on the hybridization of art and science and develops critical creative thinking. These courses are designed to encourage self-expression, collaboration, and innovation. Students will combine manual and digital skills to realize a take-away portfolio project.

## NEW! Robotics for Kids

Enable your student to make robots that move, make sounds, display lights, etc. Using the latest technology students will create their own mechanized robot of their own design. Students will learn the latest in electronics, coding, and 3D printing technology.

CE-DGART 2074PE, \$190.

**IN-PERSON** July 8-18, 12:00 noon-2:00 pm. #3769

**IN-PERSON** July 22-Aug. 1, 2:30-4:30 pm. #3770

## NEW! Handmade Printmaking for Kids

The handmade printmaking course offers a comprehensive exploration of various printmaking techniques, both traditional and contemporary. Through hands-on experience in the studio, students will develop skills in utilizing a printmaker's tools to create diverse prints. The instructor will guide the participants through the following techniques: Linoleum cutting (linocut prints), screen prints, history of the printing press, collagraph printing, and monotype printing. Throughout the course, emphasis will be placed on creativity, experimentation, and individual expression. Students will have the opportunity to apply

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the techniques learned to their projects, fostering a deeper understanding of the art of printmaking with the aid of a printing press.

CE-ART 2365PE, \$190.

**IN-PERSON** July 22-Aug. 1, 9:30-11:30 am. #3899

## Painting & Drawing

Get your ideas out of your sketchbook! Students will enjoy painting and drawing in the studio class that is both interactive and social. In this class, students will learn from discussion, group critique, examples of art while honing art skills of observation, gesture, composition, value, color mixing, and brushstroke, etc. The teaching artist demonstrates painting and drawing techniques for portraiture, representing the human form, landscape, and abstraction.

CE-ART 2016PE, \$190.

**IN-PERSON** July 8-18, 2:30-4:30 pm. #3745

**IN-PERSON** July 22-Aug. 1, 12:00 noon-2:00 pm. #3746

## Coding for Kids

Give your child the edge and have them engage in coding sequences of instructions that empower them to control robots and gaming interfaces. Students need to be able to write commands in the right sequence in order to communicate their instructions to others. Computer coding is what makes this possible and is a key 21st century competency for children today. Students will code stories, animations, and games and share them with others.

CE-COMP 2127PE, \$190.

**IN-PERSON** July 8-18, 9:30-11:30 am. #3751

## Digital Painting and Drawing

Learn how to utilize a stylus and tablet to create intricate texture maps for 3D objects, self-portraits, and compositing digital photography to create new cosmic vistas. Students will engage in a deep understanding of the technical challenges of painting

JULY 8 – 18  
JULY 22 – AUGUST 1  
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## CLASSES FOR CHILDREN AGES 7–10

and drawing utilizing Adobe Photoshop with the help of a master digital painter.

CE-DGART 2064PE, \$190.

**IN-PERSON** July 8-18, 12:00 noon-2:00 pm. #3752

**IN-PERSON** July 22-Aug. 1, 2:30-4:30 pm. #3753

## 2D Animation

Students will imagine, develop, and design animated film shorts while practicing digital 2D animation. They will develop their own drawing to build characters and sets to support stories of their own creation. This class integrates traditional and digital media and skills. These stories will turn into digital illustrations and stop animations that will be translated into moving images in time-based software.

CE-DGART 2066PE, \$190.

**IN-PERSON** July 8-18, 9:30-11:30 am. #3756

**IN-PERSON** July 22-Aug. 1, 12:00 noon-2:00 pm. #3757



## TinkerCAD for Kids

TinkerCAD is a free, web-based software that allows students to create 3D forms. These forms may be extruded, replicated, and combined to create elaborate shapes and works of art. Students will build in TinkerCAD and then output their artworks in our Makerspace as 3D prints.

CE-DGART 2112PE, \$190 (+ \$50 materials fee).

**IN-PERSON** July 22-Aug. 1, 9:30-11:30 am. #3760

IN-PERSON &  
REMOTE OPTIONS  
AVAILABLE!

SUMMER  
2024  
YOUTH  
Arts Technology  
Program  
for ages 7-17

Registration Opens on Monday, March 18

## Registration Information

SESSIONS RUN MONDAY THROUGH THURSDAY  
CLASSES DO NOT MEET ON FRIDAYS

Offering in-person & remote courses.

Students may register for one or more classes for their age group. A half-hour break is offered at 11:30 am\* and 2:00 pm for students continuing to the afternoon sessions.

All non-credit classes at extension sites, including youth programs, will be charged a one-time, non-refundable registration fee of \$5.00.

Remote classes will be held live on Zoom. A remote orientation can be set up with one of the tech assistants to ensure students have the proper equipment to handle applications used during the program prior to registration.

Access to a Gmail account is required.

For more information on technology requirements, email [Myron.MockYen@sunywcc.edu](mailto:Myron.MockYen@sunywcc.edu)

For more information on registration, email [peekskill@sunywcc.edu](mailto:peekskill@sunywcc.edu)

SUNY WESTCHESTER  
PEEKSKILL  
1994-2024 30 YEARS OF EXCELLENCE

**STATE OF THE ART EQUIPMENT • NURTURING INSTRUCTION • OPPORTUNITY FOR FUN & CREATIVITY**  
**Affordable Digital and Studio Arts Classes for Teens and Children**

### NEW! Handmade Printmaking for Teens

The handmade printmaking course is designed to engage students in a hands-on exploration of various printmaking techniques. The curriculum fosters creativity, instructs technical skills, and an appreciation for the rich history of printmaking. The course will include an introduction to printmaking tools, linocut prints, screenprinting for personalized designs, the history of the printing press, collagraph and monotype printing, and a multiple-edition portfolio project. The course aims to provide a supportive and creative space for teens to explore their artistic potential. The hands-on nature of our program, coupled with the use of a printing press, adds an exciting and interactive element to the learning experience. By the end, participants will have acquired technical skills and developed a collection of unique prints to showcase in their portfolio.

**CE-ART 2366PE, \$190.**

**IN-PERSON** July 8-18, 9:30-11:30 am. #3900

### Painting & Drawing

Get your ideas out of your sketchbook! Students will enjoy painting and drawing in the studio class that is both interactive and social. In this class, students will learn from discussion, group critique, examples of art while honing art skills of observation, gesture, composition, value, color mixing, and brushstroke, etc. The teaching artist demonstrates painting and drawing techniques for portraiture, representing the human form, landscape, and abstraction.

**CE-ART 2016PE, \$190.**

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### Game Design\*

You play games on Playstation, Nintendo Switch, and your mobile devices but did you ever wonder how to build an interactive game? The gaming industry is an exciting, burgeoning field that requires both technical ability and creativity. Students will work with a game



designer to construct board games, design characters, build terrains, and interactive user experiences.

**CE-DGART 2016PE, \$244.**

**IN-PERSON** July 8-18, 9:30 am-2:00 pm. #3761

**IN-PERSON** July 22-Aug. 1, 9:30 am-2:00 pm. #3762

### 3D Animation\*

Students will learn the mechanics of Maya, an industry-grade 3D software environment, and produce a moving character of their own investigation. This studio offers 3D printing technologies. Students will be able to take home a QuickTime movie of their animation and a 3D print of their form.

**CE-DGART 2033PE, \$244.**

**REMOTE** July 8-18, 9:30 am-2:00 pm. #3763

**REMOTE** July 22-Aug. 1, 9:30 am-2:00 pm. #3764

### Digital Painting and Drawing

Learn how to utilize a stylus and tablet to create intricate texture maps for 3D objects, self-portraits, and compositing digital photography to create new cosmic vistas. Students will engage in a deep understanding of the technical challenges of painting and drawing utilizing Adobe Photoshop with the help of a master digital painter.

**CE-DGART 2064PE, \$190.**

**IN-PERSON** July 8-18, 9:30-11:30 am. #3754

**IN-PERSON** July 22-Aug. 1, 12:00 noon-2:00 pm. #3755

**JULY 8-18**

**JULY 22-AUGUST 1**

[www.sunywcc.edu/peekskillyouth](http://www.sunywcc.edu/peekskillyouth)

## CLASSES FOR TEENS AGES 11-17

### Filmmaking

Young filmmakers will create short composites of sampled images, stop-animations, sound, voice overs, and chroma-key footage that reflect today and envision tomorrow. Students composite layers of images, text, and sound in ways that make meaning to them. This will provide students with an opportunity to be a digital visual DJ and express themselves through multimedia. Students will utilize tools such as: Final Cut Pro, Garage Band, and chroma keying.

**CE-DGART 2065PE, \$190.**

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**CE-DGART 2074PE, \$190.**

**IN-PERSON** July 8-18, 2:30-4:30 pm. #3771

**IN-PERSON** July 22-Aug. 1, 12:00 noon-2:00 pm. #3772

### CAD for Teens

CAD, Computer Aided Design, is a professional software tool that enables architects, engineers, industrial designers, etc. to analyze, prototype, and optimize their designs. This is a great opportunity to give your student access to training on an industrial tool that enables them to make details engineering drawings and create 3D prints from them.

**CE-DGART 2113PE, \$190.**

**IN-PERSON** July 8-18, 2:30-4:30 pm. #3767

**IN-PERSON** July 22-Aug. 1, 2:30-4:30 pm. #3768