

Westchester Community College
Peekskill Extension Center

www.sunywcc.edu/peekskill

JULY 10 – 20
JULY 24 – AUGUST 3
sunywcc.edu/peekskillyouth

2017 YOUTH ARTS TECHNOLOGY PROGRAM FOR CHILDREN AGES 7–11

The Youth Arts Technology program is a **STEAM program** — see stemtosteam.org — 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! Medical Illustration

This studio class will introduce Medical Illustration with traditional painting and drawing materials: students will learn from examples of art in the medical field while honing art skills necessary for communicating biomedical information. Students will spend critical observational time understanding anatomy, skeletal system, cells and tissues as they draw from a live model and 3D illustrations about the body.

CE-ART 2334PE, \$170 (+ \$20 studio fee).

July 10-20, 12:00 noon-2:00 pm. #5904

July 24-Aug. 3, 2:30-4:30 pm. #5905

NEW! Stop Motion Claymation

In this Stop Motion Claymation class, students inspired by scientific wonders will create Claymation films by learning tricks and techniques for building with clay that is moved frame-by-frame in order to create stop-action animation. Our animation studio is equipped with state-of-the-art animation tools and documentation cameras to create rich otherworldly vistas that will produce animated shorts and digital photographic prints.

CE-DGART 2063PE, \$170 (+ \$50 lab fee).

July 10-20, 9:30-11:30 am. #5906

July 24-Aug. 3, 12:00 noon-2:00 pm. #5907



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, \$170 (+ \$50 lab fee).

July 10-20, 12:00 noon-2:00 pm. #5910

July 10-20, 2:30-4:30 pm. #5911

July 24-Aug. 3, 9:30-11:30 am. #5912

July 24-Aug. 3, 2:30-4:30 pm. #5913

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

CE-DGART 2064PE, \$170 (+ \$50 lab fee).

July 10-20, 9:30-11:30 am. #5896

July 24-Aug. 3, 12:00 noon-2:00 pm. #5897

2D Animation

Students will imagine, develop, and design animated film shorts while practicing digital animation skills of storyboard planning, character design, principles of timing and motion, editing, and sound design. Using new animation software, tablet and stylus, collage animation, and learning Flash scripting and design tools, students will engage in all levels in the production of their own original 2D animated stories.

CE-DGART 2066PE, \$170 (+ \$50 lab fee).

July 10-20, 12:00 noon-2:00 pm. #5902

July 24-Aug. 3, 9:30-11:30 am. #5903

SUMMER
2017
YOUTH
Arts Technology
Program
for ages 7-17

Registration Opens on Wednesday, March 29

Registration Information

CLASSES DO NOT MEET ON FRIDAYS

2-hour classes are \$170 (+ \$50 lab/\$20 studio fee)

4-hour classes are \$218 (+ \$50 lab fee)

All non-credit classes at extension sites, including youth programs, will be charged a one-time Faculty Student Association fee of \$3.25 and a non-refundable registration fee of \$5.00.

2-hour classes meet from 9:30-11:30 am, 12:00 noon-2:00 pm, and 2:30-4:30 pm.

Students must bring their own non-perishable lunches. Lunch will not be provided. Students cannot leave the facility during the youth program schedule without a parent or guardian.

Students may register for one or more classes for their age group.

For more information or to register by phone using Visa, MasterCard, or Discover, please call 914-606-7300. Email peekskill@sunywcc.edu

Affordable Digital and Studio Arts Classes For Teens and Children
State of the Art Equipment • Nurturing Instruction • Opportunity for Fun & Creativity

JULY 10 – 20
JULY 24 – AUGUST 3

2017 YOUTH ARTS TECHNOLOGY PROGRAM FOR TEENS AGES 12 – 17

NEW! MAKE: Animatronix with 3D Printing and Arduino

Enable your students to make Arduino-powered and 3D-printed 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 and 3D printing technology.

CE-DGART 2074PE, \$170 (+ \$50 lab fee).

July 10-20, 9:30-11:30 am. #5882

July 10-20, 2:30-4:30 pm. #5883

July 24-Aug. 3, 12:00-2:00 pm. #5884

July 24-Aug. 3, 2:30-4:30 pm, \$161. #5885

NEW! Medical Illustration

This studio class will introduce Medical Illustration with traditional painting and drawing materials: students will learn from examples of art in the medical field while honing art skills necessary for communicating biomedical information. Students will spend critical observational time understanding anatomy, skeletal system, cells, and tissues as they draw from a live model and 3D illustrations about the body.

CE-ART 2156PE, \$170 (+ \$20 studio fee).

July 10-20, 2:30-4:30 pm. #5886

July 24-Aug. 3, 9:30-11:30 am. #5887



Game Design *

You play e-sports but did you ever wonder how to build an interactive game? The gaming industry is an exciting, burgeoning field that requires the technical ability of a computer programmer and the creativity of an artist. Dive into interactivity with a multimedia designer. Start programming and designing your own games. Students will work with a game designer to develop characters and interactive user experience.

CE-DGART 2016PE, \$218 (+ \$50 lab fee).

July 10-20, 9:30am-2:00 pm. #5888

July 10-20, 9:30 am-2:00 pm. #5889

July 24-Aug. 3, 9:30 am-2:00 pm. #5890

July 24-Aug. 3, 9:30 am-2:00 pm. #5891

3D Animation *

This course introduces students to the fundamentals of 3D character design and animation. Each student will learn the mechanics of Maya, an industry-grade 3D software environment, and produce a moving character of their own investigation. In addition, this studio offers 3D scanning and 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, \$218 (+ \$50 lab fee).

July 10-20, 9:30 am-2:00 pm. #5892

July 24-Aug. 3, 9:30 am-2:00 pm. #5893

*** Game Design and 3D Animation meet for 4 hours**

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

CE-DGART 2064PE, \$170 (+ \$50 lab fee).

July 10-20, 2:30-4:30 pm. #5894

July 24-Aug. 3, 2:30-4:30 pm. #5895

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 your student 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 green screen production.

CE-DGART 2065PE, \$170 (+ \$50 lab fee).

July 10-20, 2:30-4:30 pm. #5898

July 24-Aug. 3, 2:30-4:30 pm. #5899

2D Animation

Students will imagine, develop, and design animated film shorts while practicing digital animation skills of storyboard planning, character design, principles of timing and motion, editing and sound design. Using new animation software, tablet and stylus, collage animation, and learning Flash scripting and design tools, students will engage in all levels in the production of their own original 2D animated stories.

CE-DGART 2066PE, \$170 (+ \$50 lab fee).

July 10-20, 2:30-4:30 pm. #5900

July 24-Aug. 3, 2:30-4:30 pm. #5901

SUMMER 2017 YOUTH Arts Technology Program for ages 7-17

Registration Opens on Wednesday, March 29

Registration Information

CLASSES DO NOT MEET ON FRIDAYS

2-hour classes are \$170 (+ \$50 lab / \$20 studio fee)

4-hour classes are \$218 (+ \$50 lab fee)

All non-credit classes at extension sites, including youth programs, will be charged a one-time Faculty Student Association fee of \$3.25 and a non-refundable registration fee of \$5.00.

Game Design* & 3D Animation* meet from 9:30 am-2:00 pm with a half hour supervised break at 11:30 am (total 4 class hours).

Students may register for one or more classes for their age group.

For more information or to register by phone using Visa, MasterCard, or Discover, please call 914-606-7300. Email peekskill@sunywcc.edu

Westchester Community College
Center for the Digital Arts, Peekskill Extension
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