



Washington Network  
for Innovative Careers  
Northeast King County Skill Center

# WANIC Summer Skills Academy 2017

Weekdays July 5 – July 21

8:00 am – 3:00 pm

Apply online beginning 4/25

[wanic.org](http://wanic.org)

## WANIC Summer Skills Academy

- Open to students entering 9-12<sup>th</sup> grade in Bellevue, Everett, Issaquah, Lake Washington, Northshore, Riverview, and Snoqualmie Valley School Districts.
- Classes located at Bellevue HS, Bothell HS, Cascade HS, Cedarcrest HS, Redmond HS, Tolt Middle School, WANIC @ Lake Washington Institute of Technology – addresses available on Summer page of our website [www.wanic.org](http://www.wanic.org).
- Earn 0.5 Occupational Education HS Credit (except where noted differently).
- Students may not apply for a Summer Skills class they have previously completed.
- 1 excused absence is permitted. After 1 absence the student may lose credit which will be reflected on their high school transcript.
- Free Tuition. \$50 materials/class fee (assistance available).
- Students provide their own lunch and transportation.
- After you receive an email confirming enrollment, pay the class fee online or mail a check (payable to WANIC). Fee must be paid by June 1 to hold your spot.
- Program offerings subject to change or cancellation.
- **Grade and credits earned will be posted to official high school transcript.**
- **Please review other important details on the Summer page of our website [www.wanic.org](http://www.wanic.org).**
- **Visit your high school's career specialist for more information.**

### 3D Modeling & Printing

Participants will learn to design objects in 3D, using an assortment of tools (including Pixologic's Sculpttris, Autodesk's Maya and Fusion 360, and others). Designers will then have the opportunity to create their objects using a 3D printer.

Computers, software, and 3D printer will be available to use.

HS credit: 0.5 Occ Ed.

Location: Tolt Middle School

### Computer Science & Engineering

Project-based learning: electronic components, Robotics, and C language programming.

HS credit: 0.5 Occ Ed.

Location: Redmond HS

### Culinary Creations

Take a chef, add students excited about cooking, mix them together in a state of the art kitchen = recipe for fun.

HS credit: 0.5 Occ Ed.

Location: Redmond HS

### Dynamic DNA

Have you ever wanted to work in a research lab and run your own science experiments? Discover the world of genetic research as you explore the workings of mutant genes, bacteria, and DNA sequencing. Includes a visit to Fred Hutch!

HS credit: 0.5 Occ Ed.

Location: WANIC

### Financial Planning

This course will empower, equip, and entertain while building confidence in students' own financial decision-making. Students are facing tremendous financial challenges without the basic knowledge needed to thrive in today's economy. Less than half of high school seniors qualify as financially literate, and more than 7 million borrowers are in default on student loans for college. Learn the skills to navigate the day to day reality of personal finance.

HS credit: 0.5 Math

Location: Cedarcrest HS

### Health

Learn about personal & community health issues. Meets health credit graduation requirement.

HS credit: 0.5 Health

Locations: Cedarcrest HS, Redmond HS

### Health Careers Exploration

Do you like to help others? Would you like to explore healthcare careers like Dental, Fire & EMS, and Nursing? This interactive class will give you an inside look at these high demand fields! Earn your CPR/First Aid card!

HS credit: 0.5 Occ Ed.

Location: WANIC

### Introduction to Fire & EMS Careers

Experience the exciting and high-demand world of fire-fighters and emergency responders. Learn about fire prevention, inspection, investigation, alarm systems, dispatching, and emergency medical services. Earn your CPR/First Aid card!

HS credit: 0.5 Occ Ed.

Location: WANIC



### **Introduction to Medical Careers**

Learn the language of doctors, nurses, and healthcare professionals as you explore the exciting world of medical assisting.

HS credit: 0.5 Occ Ed.

Location: WANIC

### **Photography**

This summer class will feature photographic opportunities covering a range of techniques from beginning to advanced. Explore the technical and creative aspects of digital photography. Master your camera and its functions. Improve your composition. Take control of natural and artificial light in the studio or outdoors. Process your images so that they look their very best. Some walking required as class may occasionally use subjects and sights within the local community.

HS credit: 0.5 Art

Location: Cedarcrest HS

### **Professional Production Arts**

This program will prepare individuals to apply knowledge and technical skills in creating, producing, and selling products in the field of 2D and 3D art. This course will include art theory, design, safety, technical skills, production skills and marketing, sales, entrepreneurship, and management functions associated with operating a small business in professional arts. \*Saturday art sale to be held at The Sandblast Festival.

HS credit: 0.5 Art

Location: Cedarcrest HS

### **Radio/TV Broadcasting**

Produce and run a radio show and create your own videos.

HS credit: 0.5 Occ Ed.

Location: Bellevue HS

### **Rock Your Ride - Mobile Electronics**

Custom car stereo & speaker box construction! This will be a fun and fast paced class that will allow students to understand, fabricate and install custom car stereos. About 1/3 of the class time is spent learning about wiring and circuitry, 1/3 to 1/2 of the class building speaker boxes and learning to work with woodworking tools. Students also have the opportunity to install audio systems in their own car.

HS credit: 0.5 Occ Ed.

Location: Bothell HS



### **DigiPen Art & Animation**

Through a variety of hands-on projects, students are exposed to the tools and techniques of professional artists while creating their own 2D and 3D animations. Students experience how each step of the art production process works while also developing foundational skills including drawing and sculpting.

HS credit: 0.5 Occ Ed.

Locations: Bellevue HS, Cascade HS, Redmond HS

### **DigiPen Cyber Security**

Learn how networked computers communicate with one another, understand how systems can become compromised, and explore different ways to protect online security.

HS credit: 0.5 Occ Ed.

Location: Redmond HS

### **DigiPen Music & Sound Design**

This class offers a fascinating, hands-on approach to creating music, sound effects, and soundtracks for games or animations. Students produce unique, engaging soundscapes while learning about the fundamentals of music and sound design and their use in the video game and animation industries.

HS credit: 0.5 Occ Ed.

Location: Redmond HS

### **DigiPen Video Game Development**

This workshop is ideal for any student who wants to take an idea for a 2D video game and make it a reality. This workshop examines basic programming techniques, but also looks at other disciplines needed to create a game including game design, art production, and sound design.

HS credit: 0.5 Occ Ed.

Location: Redmond HS

### **DigiPen Video Game Programming**

This workshop launches students into the world of writing code through the process of programming video games! The emphasis is on learning the foundational programming concepts, including variables, conditional statements, and loops, that form the basis of game logic.

HS credit: 0.5 Occ Ed.

Locations: Bellevue HS, Cascade HS, Redmond HS