

# WANIC Skill Center Programs

*Times and availability subject to change. Actual times affected by block schedules.*

## Automotive Technology

*2 Year Program Available*

Bellevue High School (7:00-9:50 am)

Bellevue High School (12:20-3:00 pm)

Bothell High School (7:20-10:29 am)

Bothell High School (11:30-2:20 pm)

**\*NEW WANIC @ Lake Washington Institute of Technology (12:00-2:30 pm)**

This is a 3-period Skill Center class (3 high school credits). This STEM course provides the foundation for entry into the automotive industry as a technician, service writer/manager, or future engineer building cars. By the end of the first year, students will complete 3 of the 8 Automotive Service Excellence (ASE) content areas in a National Automotive Technicians Education Foundation (NATEF) certified program. Students will take the ASE certification test at the beginning and end of the course to measure growth. Students will learn in a state-of-the-art automotive shop and classroom. Leadership through Skills USA and ASB Auto Club is expected (subject to location of class). Students will work on customer, shop owned, and student scheduled vehicles. Students who successfully complete Year 1 may be eligible to apply for Year 2.

High School credits earned: CTE (2.0) Lab Science (1.0) Program fees may apply. College Credit available. Financial assistance may be available for qualifying students. NOTE: Block schedules affect class times daily.

## Cisco Networking Academy CCNA

*2 Year Cisco Program Available*

Newport High School (7:00-9:50 am)

Newport High School (1:15-4:30 pm)

This is a 3-period Skill Center class (3 high school credits). Discover how to design, build, manage, and troubleshoot corporate enterprise networks. Learn mitigation of security threats, cybersecurity threat management, and advanced troubleshooting skills with a major emphasis on hands-on learning. Each day half the class time is spent working in a state-of-the-art networking lab. Students take the Cisco Certified Networking Associate (CCNA) exam at the completion of the course. Students who successfully complete CCNA may be eligible to apply for CCNP.

High School credits earned: CTE (3.0). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students. NOTE: Block schedules affect class times daily.

## Cisco Networking Advanced CCNP

Newport High School (7:00-9:50 am)

Newport High School (1:15-4:30 pm)

This is a 3-period Skill Center class (3 high school credits). This advanced curriculum trains students to install, configure, and operate local and wide area networks using protocols and technologies such as TCP/IP, OSPF, EIGRP, BGP, AAA, IPv6, MPLS, STP, DSL, VTP, Gigabit, and 10 Gigabit Ethernet. This course makes extensive use of labs to focus on developing skills to build campus networks using multilayer switching technologies, creating and deploying a global intranet, and troubleshooting. Be prepared to take the Cisco Certified Networking Professional (CCNP) exams at the completion of the course. Aspects of Voice-over-IP (VoIP) and Cisco Unified Communication Manager will be covered as well as aspects of VMWare and Microsoft virtualization of servers. Students also gain experience in setting up and configuring Microsoft Server products. College credits are available. Prerequisite: Successful completion of Cisco Networking Academy CCNA Course.

High School credits earned: CTE (3.0). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students. NOTE: Block schedules affect class times daily.

## Culinary Arts

*2 Year Program Available*

Newport High School (7:00-9:50 am)

Newport High School (1:15-4:30 pm)

This is a 3-period Skill Center class (3 high school credits) Culinary Arts is a comprehensive, career focused introduction to the fundamentals of culinary arts and the professional kitchen in a commercial kitchen. Students will learn French cooking techniques, culinary terminology, knife skills, aesthetics of food presentation, baking and pastry techniques, and explore a wide variety of foods and cuisines. In addition, students will have the opportunity to practice safety and sanitation procedures, restaurant management, customer relations, team and leadership skills, and catering and table service. There are also industry related field trips to observe professionals and explore career possibilities. Students who successfully complete Year 1 may be eligible to apply for Year 2.

High School credits earned: CTE (3.0). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students. NOTE: Block schedules affect actual class times daily.

## Dental Careers

**WANIC @ Lake Washington Institute of Technology (7:15-9:45 am)**

**WANIC @ Lake Washington Institute of Technology (12:00-2:30 pm)**

This is a 3-period Skill Center class (3 high school credits). Explore many dental career possibilities. In a state-of-the-art dental learning lab, learn about instruments, dental materials, four-handed dentistry, preventative, restorative and specialty procedures, patient charting, sterilization, radiography, general and oral anatomy, microbiology, terminology, First Aid/CPR, and infection control.

High School credits earned: CTE (2.0) Lab Science (1.0). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students.

## DigiPen Art & Animation Academy

*2 Year Program Available*

DigiPen (7:15-9:45 am)

DigiPen (12:30-3:00 pm)

DigiPen (3:30-6:00 pm)

This is a 3-period Skill Center class (3 high school credits). Open the door to the creative world of fine art and animation production. Study professional production animation from traditional art theory and skills development to composition and storytelling in 2D animation and 3D modeling. You will be prepared for further education as well as achieve the baseline skills to succeed as an artist/illustrator/ animator in the video games and film industries. Students who successfully complete Year 1 may be eligible to apply for Year 2.

High School credits earned: Year 1 - CTE (1.0) Art History (1.0) Fine Art (1.0). Year 2 - CTE (2.0) AP Studio Art Drawing (1.0). DigiPen College Credit available. Program fees may apply. Financial assistance may be available for qualifying students.

## DigiPen Music & Sound Design

*2 Year Program Available*

DigiPen (12:30-3:00 pm)

DigiPen (3:30-6:00 pm)

This is a 3-period Skill Center class (3 high school credits). Discover the exciting opportunities of music and sound design. Combine music composition, history, and theory with practical training in studio recording techniques. Apply fundamentals in computer science, mathematics, and physics to sound design principles. Learn what it takes to work within teams in real-world settings to create interactive audio for video games and engaging soundtracks for film. Students who successfully complete Year 1 may be eligible to apply for Year 2.

High School credits earned: Year 1 - CTE (2.0) Fine Art (1.0). Year 2 - CTE (3.0). DigiPen College Credit available. Program fees may apply. Financial assistance may be available for qualifying students.

## DigiPen Video Game Programming

*2 Year Program Available*

DigiPen (7:15-9:45 am)

DigiPen (12:30-3:00 pm)

DigiPen (3:30-6:00 pm)

This is a 3-period Skill Center class (3 high school credits). Become a maker of technology, not just a user of technology. Learn how digital games and interactive experiences are created. You can expect to have fun developing games using a game engine while learning the basics of programming in C. Integrate mathematics and design theory. Immerse yourself in the game production process and explore pathways into video game careers. Prerequisite: Algebra 2 or instructor permission. Students who successfully complete Year 1 may be eligible to apply for Year 2.

High School credits earned: Year 1 - CTE (2.0) AP Computer Science Principles (1.0). Year 2 - CTE (2.0) Math Analysis (1.0). DigiPen College Credit Available. Program fees may apply. Financial assistance may be available for qualifying students.

## Fire & EMS

*2 Year Program Available*

**WANIC @ Lake Washington Institute of Technology (7:15-9:45 am)**

**WANIC @ Lake Washington Institute of Technology (12:00-2:30 pm)**

This is a 3-period Skill Center class (3 high school credits). Learn the skills necessary to pursue a career in the fire service and to be an integral part of a community emergency response team. Taught by fire-fighting professionals. Students are introduced to firefighter training, fire prevention, inspection and investigation, alarm systems, dispatching, CERT, and emergency medical services. Students drill at fire stations all over the Eastside in full bunker gear to further experience all this profession has to offer. This is a realistic mix of hands-on training and academic learning that closely imitates a career in this exciting field. Students who successfully complete Year 1 may be eligible to apply for Year 2.

High School credits earned: Year 1 - CTE (1.0) Lab Science (1.0) P.E. (1.0) [Health (0.5) available upon request for Semester 2]. Year 2 - CTE (2.0), P.E. (1.0). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students.

## Foundations of Manufacturing

Cascade High School (Periods 4, 5, 6)

This is a 3-period Skill Center class (3 high school credits). This course introduces basic manufacturing skills that apply to many industry sectors, such as aerospace and maritime. The type of skills learned in this course include safety of shop equipment, precision measurement, material science, print reading, math for industry, lean manufacturing, and electrical maintenance. Students will be introduced to topics in advanced manufacturing including computer numerical control (CNC) operation and Computer Aided Design (CAD). Guidance and support for further education and careers are integrated into this course.

High School credits earned: CTE (1.0) English (1.0) Math (1.0) Program fees may apply. Financial assistance may be available for qualifying students. NOTE: Block schedules affect class times daily.

## Health Science Careers (Nursing)

Sammamish High School (7:00-9:50 am)

Sammamish High School (12:20-3:00 pm)

**WANIC @ Lake Washington Institute of Technology (7:15-9:45 am)**

**WANIC @ Lake Washington Institute of Technology (12:00-2:30 pm)**

Woodinville High School (7:20-9:50 am)

Woodinville High School (11:25-1:55 pm)

This is a 3-period Skill Center class (3 high school credits). This intensive course of study introduces students to a variety of careers in the health care industry with emphasis on hands-on, patient-oriented skills training for those interested in becoming nurses, physicians, and other therapists. Learn about a variety of health care topics, procedures and careers in patient care, and earn certification in CPR/First Aid. Students complete clinical experience hours in healthcare facilities to meet your Nursing Assistant Certified (NAC) certification requirements. At the end of the year, students who meet course requirements for NAC qualify to complete the Washington National Nurse Aid Assessment Program (NNAAP) allowing them to provide patient care. The rigor required for success in this class plus college credits earned allow students to immediately enter employment in the health care industry and/or to continue their post-secondary education.

High School credits earned: CTE (1.5) Lab Science (1.0) Semester 2 Health (0.5). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students. Compare this class description with Medical Careers to understand your options.

## Medical Careers

**WANIC @ Lake Washington Institute of Technology (7:15-9:45 am)**

**WANIC @ Lake Washington Institute of Technology (12:00-2:30 pm)**

This is a 3-period Skill Center class (3 high school credits). Learn the language of doctors, nurses, and healthcare professionals in a state-of-the-art facility. Learn skills in pediatric ambulatory care, surgical instrument prep, vital signs, treatment room procedures, CPR/First Aid, law and ethics, medical terminology, infection control, patient positioning, and office practices including patient records. Combine this with field trips, guest speakers, team building, and leadership activities as you prepare for further education or an exciting career.

High School credits earned: CTE (1.5), Lab Science (1.0), Semester 2 Health (.5). College Credit available. Program fees may apply. Financial assistance may be available for qualifying students. Compare this class description with Health Science Careers (Nursing) to understand your options.

## Sports Medicine

Issaquah High School (1:55-4:25 pm)

This is a 3-period Skill Center class (3 high school credits). In this advanced and accelerated course students will learn anatomy, physiology, medical terminology, First Aid/CPR, nutrition, injury prevention, taping and wrapping and rehabilitation competencies through classroom instruction, lab participation, and field internships.

High School credits earned: CTE (2.0) Science (1.0) Program fees may apply. Financial assistance may be available for qualifying students. NOTE: Block schedules affect actual class times daily.

### **WANIC Skill Center is located on the campus of Lake Washington Institute of Technology**

11605 132nd AVE NE (office #A108), Kirkland, WA 98034

Email: [wanic@lwsd.org](mailto:wanic@lwsd.org)

Telephone: (425) 739-8400

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

### **Addresses of other WANIC Skill Center program locations**

Bellevue High School 10416 Wolverine Way Bellevue, WA 98004

Bothell High School 9130 NE 180th Street Bothell, WA 98011

Cascade High School 801 E. CASINO RD., EVERETT, WA 98203

DigiPen Institute of Technology 9931 Willows Road NE, Redmond, WA 98052

Issaquah High School 700 2nd Avenue SE Issaquah, WA 98027

Newport High School 4333 Factoria Blvd. SE Bellevue, WA 98006

Sammamish High School 100 140th Ave. SE Bellevue, WA 98005

Woodinville High School 19819 136th Avenue NE Woodinville, WA 98072