Washington Network for Innovative Careers
Northeast King County Skill Center

WASHINGTON NETWORK FOR INNOVATIVE CAREERS

Washington Network for Innovative Careers (WANIC), is a regional skill center in Northeast King County. WANIC Skill Center provides advanced level Career and Technical Education (CTE) programs based on rigorous academic and industry standards preparing students for career and college readiness. WANIC Skill Center programs are delivered through a system of branch campuses in seven participating districts. The skill center programs provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

WANIC Skill Center serves high school students in these school districts:

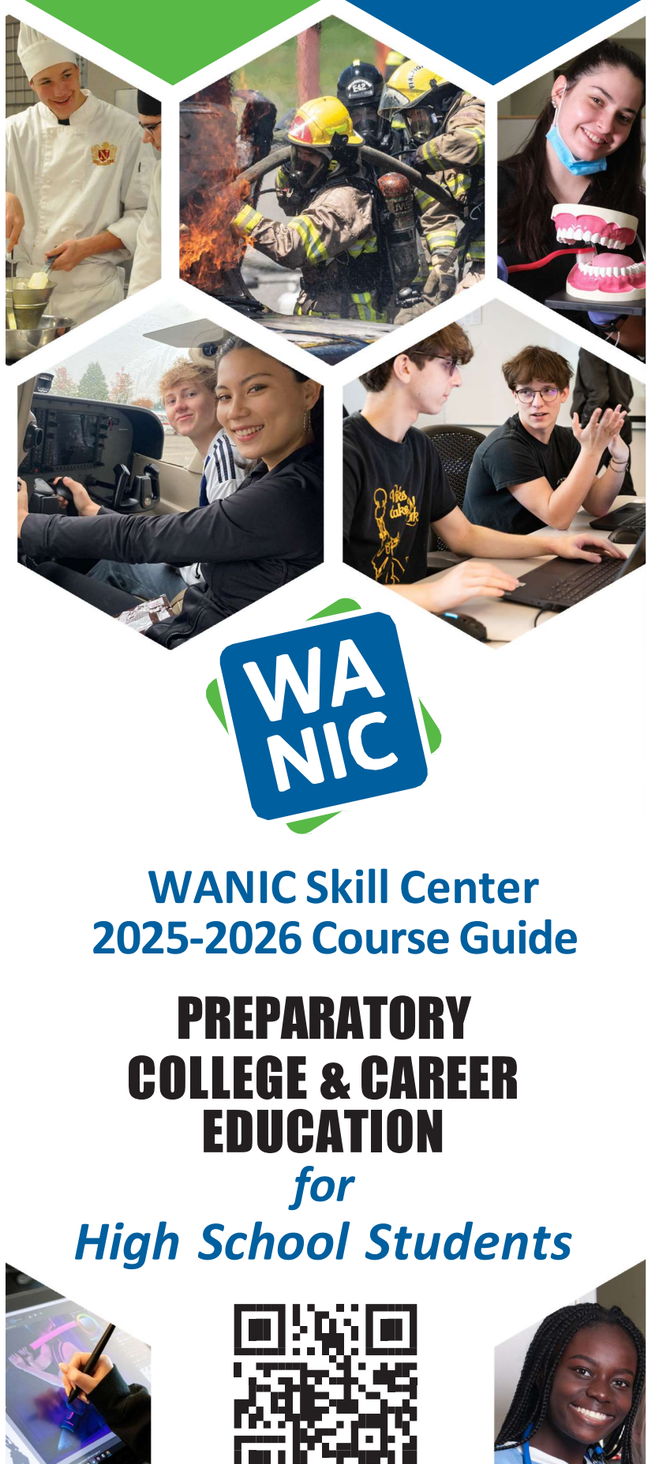
Bellevue
Issaquah
Lake Washington
Mercer Island
Northshore
Riverview
Snoqualmie Valley

WANIC SKILL CENTER
11605 132ND AVE. NE #A108
Kirkland WA 98034
425.739.8400
wanic@lwsd.org

Programs and details subject to change. Please visit our website for current information.

wanic.org

The Lake Washington School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. The following employees have been designated to handle questions and complaints of alleged discrimination: Civil Rights Coordinator, Director of Human Resources, 425-936-1251, civilrights@lwsd.org; Title IX Coordinator, Director of Athletics and Activities, 425-936-1289, titleix@lwsd.org; and 504 Coordinator, Director of Special Services, 425-936-1407, section504@lwsd.org (16250 NE 74th Street, Redmond, WA 98052).



WANIC Skill Center 2025-2026 Course Guide

PREPARATORY COLLEGE & CAREER EDUCATION *for* *High School Students*

wanic.org

- Academic Year Programs
- Full Year (2 semesters) 3 periods daily
- Earn 3 High School Credits
- Dual College Credit Available
- Classes are designed for 11th & 12th grade students
- No Tuition
- Program fees may apply
- Financial Assistance available for qualifying students

For more info and to apply visit wanic.org



Aerospace Manufacturing – Core Plus

Locations: Liberty
HS Credits: CTE (1.0) Equivalencies Pending: Lab Science (1.0), 3rd year math, (1.0), ELA

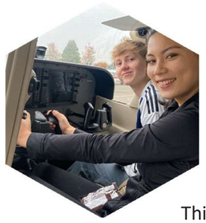
In this hands-on course you'll dive into the world of high-tech manufacturing and aviation, exploring how cutting-edge aircraft and components are designed, built and tested. Learn about materials science, applied physics, electrical systems, hydraulics, sheet metal manufacturing, and much more, as you tackle real-world challenges and projects.



Automotive Technology

Locations: Bellevue, Bothell
2 Year Program Available
HS Credits: CTE (2.0), Lab Science (1.0)

Discover the real-world experience of an automotive career including vehicle diagnosis and repair. Work with the latest test equipment, procedures, and systems. Gain an understanding of tools and test equipment used in the auto industry, including electronic systems, steering and suspension, brakes, and engine performance.



Aviation Technology – STEM

Location: WANIC @ LWTech
HS Credits: CTE (1.0), Lab Science (1.0), 3rd Year Math (1.0)
Prerequisite: Geometry

This STEM enriched course is an entry point into a multitude of careers in the aerospace industry including Airline Pilot, Aerospace Engineer, Unmanned Aircraft Systems Operator (Remote Pilot), and Air Traffic Controller. Students will have the opportunity to earn a private pilot ground school certificate - VFR/IFR/Drone. This program offers a broad foundation in aviation science.



Baking & Pastry

Location: Bothell
HS Credits: CTE (2.0), Lab Science (1.0)
Prerequisite: Foods Class

In this advanced course, students learn techniques of mixing, shaping, and folding, while applying the science and math behind baking. Students practice how to make quick breads, decorated cakes, pies, mousses, sauces, custards, frozen desserts, cookies, and confections. They practice techniques in sugar decorating and chocolate garnishing in a well-equipped, industry standard kitchen and prepare food for student presentations, school functions, and community service events. This course includes classroom instruction and practical lab work in a commercial kitchen.



Building Industry Technologies – Core Plus Construction

Locations: Bothell, Interlake
2 Year Program Available
HS Credits: CTE (1.0), 3rd Year Math (1.0), Science (1.0). YR 2: CTE (3.0)

Work with industry experts who provide professional knowledge and first-hand experience. Utilize different materials and methods, fasteners and adhesives, learn to safely operate the various industry tools, and learn job site safety and OSHA requirements. Design and carry out hands-on skills in practices such as rigging, lifting, and safely moving a load utilizing principles of mechanical advantage. Read, understand, and interpret basic plan sets and engineering drawings. Apply math and physics to key concepts in plumbing, electrical, and efficient energy utilization for a well-designed project. Qualified students may enroll in the Construction Management Program at the University of Washington upon graduation.



Cisco Networking Academy

Location: Newport
2 Year Program Available
HS Credits: CTE (3.0)

Discover how to design, build, manage, and troubleshoot corporate enterprise networks. Learn mitigation of security threats, wireless networks, 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. YR 1 Prepare for the Cisco Certified Networking Associate (CCNA) exam. YR 2 Prepare for the Cisco Certified Networking Professional (CCNP) exam.



Culinary Arts

Location: Newport
2 Year Program Available
HS Credits: CTE (3.0)
Prerequisite: Foods class

This comprehensive, career-focused program prepares students for the hospitality industry in a commercial kitchen classroom. Students learn French cooking techniques, culinary terminology, knife skills, aesthetics of food presentation, baking and pastry techniques, and study a wide variety of foods and cuisines. In addition, students practice safety and sanitation procedures, restaurant management, customer relations, team and leadership skills, and catering and table service.



Dental Careers

Location: WANIC @ LWTech
HS Credits: CTE (2.0), Lab Science (1.0)
Prerequisite: Biology. Minimum 8th grade reading level ability

In a state-of-the-art learning lab, discover the rewarding dental career field. 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. Program includes field trips, guest speakers, team building, and leadership activities.

WASHINGTON NETWORK FOR INNOVATIVE CAREERS
WANIC.ORG

Full year WANIC Skill Center programs meet the state CTE graduation pathway requirement.



DigiPen Art & Animation

Location: DigiPen
2 Year Program Available
HS Credits: YR 1: CTE (1.0), Fine Art (1.0), Art History (1.0); YR 2:CTE (2.0), AP Art (1.0)

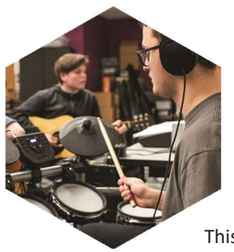
Exciting career opportunities for artists have never been greater, but beyond having competency with digital art software, they must have strong artistic and animation skills to be competitive. This class provides instruction in foundational art skills like drawing, painting, and animation techniques, as well as training in 2D and 3D digital tools and techniques. Students then apply these skills to produce a video game, including pitches, design documents, scheduling, milestones, testing, time management, and working on interdisciplinary teams with students from other DigiPen WANIC tracks.



DigiPen Game Design

Location: DigiPen
HS Credits: CTE (2.0), Third Year Math (1.0)

This program is for creative-minded students who are deeply curious to understand the behavior and psychology behind games and who are eager to learn methods for designing fun and engaging interactive experiences. Game Design students investigate various design disciplines, including systems design, level design, user experience, narrative, and technical design. The concepts and skills are applied to prototyping, testing, and rapidly developing game ideas. Game Design students collaborate with DigiPen WANIC artists, programmers, and musicians to experience the challenge of producing team-based game projects.



DigiPen Music & Sound Design

Location: DigiPen
2 Year Program Available
HS Credits: YR 1: CTE (2.0), Fine Art (1.0); YR 2: CTE (3.0)

Sound and music are critical in how audiences experience video games and animated films. This program focuses on teaching the creative and technical aspects of music and sound design that can lead to an inspiring career in the digital interactive industry. Students study composition, theory, performance, audio recording, mixing, and technical sound design. Students gain valuable experience creating and implementing original music and sound using the latest digital music and sound design tools that can be used in team-based game projects produced by DigiPen WANIC artists, programmers, and game designers.



DigiPen Video Game Programming

Location: DigiPen
2 Year Program Available
HS Credits: YR 1: CTE (2.0), AP Computer Science Principles (1.0); YR 2: CTE (2.0), Math Analysis (1.0)
Prerequisite: Algebra 2

The Pacific Northwest is a hub of game development that contributes to the US game industry worth over $80 billion and growing! There is a huge demand for skilled developers and this program has launched hundreds of WANIC students into this field. Coursework includes the essential mathematical concepts necessary for creating 2D games and simulations using a pre-existing game engine. Students code using a variety of languages and learn the logic, algorithms, and process to write programs, as well as experience team video game production with DigiPen WANIC artists, game designers, and musicians.



Fire & EMS

Location: WANIC @ LWTech
2 Year Program Available
HS Credits: CTE (1.0), Lab Science (1.0), P.E. (1.0)

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 experience firefighter training, fire prevention, inspection and investigation, alarm systems, dispatching, CERT, and emergency medical services. Students drill at Eastside fire stations 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.



Health Science Careers – Nursing

Locations: WANIC @ LWTech, Sammamish, Woodinville
2 Year Program Available at WANIC
HS Credits: YR 1 CTE (1.5), Lab Science (1.0), Health (.5). YR 2 (CTE 2.0), Lab Science (1.0) **Prerequisite:** Biology. Minimum 8th grade reading level ability

With an emphasis on hands-on, patient-oriented skills training, learn about the healthcare industry and careers for nurses, physicians, and other healthcare providers or therapists. Working in a state-of-the-art facility, learn vital signs, infection control, legal and ethical issues, and bedside patient care, and earn certification in CPR/First Aid. Program includes field trips, guest speakers, team building, and leadership activities. Complete clinical experience hours in healthcare facilities to meet Nursing Assistant Certified (NAC) certification requirements. Students are prepared to immediately enter employment in the healthcare industry and/or continue with postsecondary education.



Maritime Welding – Core Plus

Location: Interlake
HS Credits: CTE (1.0), 3rd YR Math (1.0),Science (1.0)

Dive into the fascinating world of maritime engineering and welding while prioritizing safety with our high school Core Plus Maritime Welding class. Master various, advanced welding techniques that include MIIG and TIG to arc welding. Receive specialized training in boater safety, culminating in the acquisition of the Washington Boater Safety Card. This vital certification ensures a solid understanding of safe boating practices, navigation rules, and emergency protocols, emphasizing responsible behavior on waterways. By the end of the course, students have a solid foundation to launch a successful career in maritime welding, shipbuilding, or related fields, with a strong emphasis on responsible boating practices.



Medical Careers

Location: WANIC @ LWTech
HS Credits: CTE (1.5), Lab Science (1.0), Health (0.5)
Prerequisite: Biology. Minimum 8th grade reading level ability

Engage in open-ended medical problem solving studying topics such as anatomy and physiology, behavioral health, cultural, social and ethnic diversity, pathophysiology of diseases, emergency care, and healthcare career exploration. Practice therapeutic skills for patient care and treatment and prepare to test for the National Health Science Certification Exam (NHSCE). Through mastery of the foundational industry- recognized National Consortium of Health Science Education standards, acquire skills necessary to become future healthcare professionals. Prepare to continue professional and educational pathways in the healthcare industry, including medical lab technician, medical assistant, physical therapist, respiratory therapist, physician, ultrasound technologist, physician assistant, and nurse practitioner.



Sports Medicine

Location: Issaquah
HS Credits: CTE (2.0), Science (1.0-Issaquah)
Prerequisite: Biology

In this advanced and accelerated course students 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.