



NCTA Frequently Asked Questions

1. What is the Northwest Career & Technical Academy

- NCTA is a Skills Center dedicated to offering high quality tuition-free technical and professional training for high school aged students. One of the benefits of a skills center is that it is a cooperative that serves many school districts in a central location, thus reducing the cost of costly programs and providing greater access to advanced program opportunities. Mount Vernon School District is a consortium member as well as the "host" district.

2. Is there a quick over view of NCTA?

- Yes, check out a student-produced video at <http://bit.ly/2EnuuF1>

3. Who is eligible to attend NCTA?

- Juniors and Seniors from Skagit, Whatcom and Snohomish counties (some grade 10 students with exceptional status at their home high school)
- Anyone age 16 to 20 who has not received a high school diploma
- Anyone age 16 to 20 who has earned his/her GED
- Students who know what type of technical training they are ready to pursue and ready to step up and stand out

4. What programs are offered at NCTA?

- Aerospace Manufacturing
- Animal Care & Handling
- Applied Medical Science
- Automotive Services
- Construction – *Residential*
- Construction – *Skilled Trades*
- Criminal Justice
- Culinary Arts
- Dental Assisting
- Fire Science & EMS
- Marine Services
- Mobile, Client-Sever Admin.
- Veterinary Assisting
- Video Game Development
- Welding

5. How does a student apply to NCTA?

- Complete an application (attached or on our website) and turn into your high school counselor
- Your counselor will attach your educational records to the application and send it to NCTA
- Contact your sending school counselor or NCTA for more details

6. What is the cost of attending NCTA?

- NCTA is part of the public education system. Tuition is free!
- There are industry certifications available which may require a student-paid fee.

7. How does Summer Session Work?

- NCTA, like most skills centers offer summer school programming for high school age students including incoming freshmen. Summer school classes are typically 6.5 hours per day for 14 days. Classes offered allow students to get a taste of a program area, dive deeper into the learning, and provide the chance for students that may not be able to fit a skills center class into their year-long schedule to work ahead and open space for the coming year(s).
- Students can earn 0.5 credit (one semester credit) per summer session
- Summer school enrollment begins in spring. Check with your local skills center to learn more about summer registration, dates/times, and expectations.
- There are two types of classes offered during summer:
 - Introductory Classes: Provides an introduction into a program area | get a taste of what the pathway area provides
 - Extension Programs: Deeper learning in a program area | Advanced placement experiences for current students

8. What does a student schedule look like when attending MVHS and NCTA?

- Students attend NCTA half day and MVHS the other half.
- When a student pre-registers at MVHS, it's important they know they'll be blocking out 4 classes
- The "schedule" on the right is reflective of a student attending both MVHS and NCTA

<u>Period</u>	<u>Description</u>
01	MVHS
02	MVHS
03	NCTA
04	NCTA
05	MVHS
06	MVHS
07	NCTA
08	NCTA

9. Can students earn college credits too?

- Yes. Most programs allow students the opportunity to get Tech Prep college credit for what they do in the program when they receive an "A" or "B" grade.

10. Where are NCTA programs located?

- There are 5 total campus locations
- Transportation provided to Anacortes and Mount Vernon**
- **Anacortes (1606 R Avenue): Aerospace Manufacturing, Marine Technology Services, Skilled Trades Construction
- Sedro-Woolley HS: Automotive Services
- Meridian HS: Welding, Construction
- Bellingham Technical College: Welding
- **Mount Vernon (2205 West Campus Place): Animal Care & Handling, Applied Medical Science, Criminal Justice, Culinary Arts, Dental Assisting, Fire Science & EMS, Mobile, Client-Sever Administration, Veterinary Assisting, and Video Game Development

11. How can I find out more?

- Check out NCTA's Facebook page [facebook.com/NWCTA](https://www.facebook.com/NWCTA)
- Website: nwtech.k12.wa.us
- Call 360 848-0706
- Talk to the sending high school counselor

12. Can I visit NCTA?

- Come to the NCTA Open House on APRIL 25 at 6 PM
- If you'd like to check out another time, please contact NCTA at 360 848-0706

The Northwest Career & Technical Academy is an extension of your high school where innovative educational opportunities are available. Programs offered will provide you with the skills, knowledge, and professional leadership training necessary for the workplace or continuing education through an apprenticeship, community college, or university. The Academy is tuition free for high school students; however some programs may have industry related costs/lab fees. Please see the Academy Catalog for full course descriptions, course requirements, high school credit equivalencies, and college credits. The Academy's website located at nwtech.k12.wa.us.

Aerospace Manufacturing prepares students for immediate employment in the aerospace and manufacturing industries by focusing on job ready skills based on industry standards. Students will fabricate, assemble, and repair structures using basic and advanced composite techniques and materials. Students will also learn blueprint reading, precision measurement, and metal riveting using numerous pneumatic tools, and discover the dynamics behind flight, flight controls, and flight surfaces in all kinds of aircraft.



Animal Care and Handling prepares students for entry level employment in a variety of animal related occupations, such as a laboratory animal caretaker, veterinary kennel attendant, pet store clerk, and grooming assistant. This course also prepares students for entry into a Veterinary Assistant program. The content includes but is not limited to: animal-related career exploration, responsible animal care, work environment sanitation and safety, small mammal, reptile, avian and fish biology and care.

Applied Medical Sciences introduces students to the medical field, with an emphasis on knowledge and skills applicable to many medical occupations. Students explore medical careers in areas of interest, as well as in targeted high demand fields for future jobs. Students completing all course work and participating in a 50-hour clinical internship, will be eligible to become WA State Nursing Assistant Certified (NAC). Additionally, students will be able to test for the HIPAA certification.



Automotive Services provides the skills and the knowledge required for job entry in the automotive trade at the apprenticeship level or additional training in a career-technical institute. The course will consist of shop safety, shop organization and operation, theory and repair of engines, electrical systems, brakes, fuel systems, cooling systems, power trains, and suspension steering alignment. The students will make repairs on the automobile in these areas at the trade accepted standard. The students can supply their own projects or will be furnished a project to work on.

Construction – Skilled Trades Electrical, Plumbing, Carpentry and Contracting develops the entry-level skills needed in residential electrical wiring, plumbing, carpentry and contracting. Students will learn about work-site safety, construction-based applied math, safe use of hand and power tools, blueprint reading, communication skills, employability skills, material handling, framing skills, and the basics of residential electrical and plumbing. The program helps students explore a variety of construction-related career opportunities, develops appropriate work readiness skills and prepares them to enter construction-related apprenticeships, post-secondary education programs or entry-level jobs. Workplace safety, tool usage and job-readiness skills will be over-arching themes throughout each unit. Post high school training opportunities or entry-level employment in residential construction or facility maintenance careers in residential settings.



Criminal Justice: Law Enforcement provides an overview of the criminal justice system and the careers available in this growing employment field. Students will investigate the roles of local and state law enforcement agencies, corrections, and other supporting careers. CPR training, hazardous materials awareness, and the National Incident Management system are also included in this program.

The **Culinary Arts** and Restaurant Management program combines up to date hospitality industry approved curriculum with on the job training in a commercial setting open to the public. Students provide customer service, deal with production deadlines and serve in actual job functions. Students receive instruction in food and workplace safety, kitchen procedures, customer service, food production and baking techniques, banquets and catering, technical report writing, applied mathematics, nutrition, marketing, and leadership. Students leave with skills for entry level employment and opportunities for further advanced education.





Dental Assisting prepares students to become Registered Dental Assistants through the State of Washington. Each student will experience hands-on learning offering valuable preparation for future placement in the exciting and demanding field of dental technology. Areas of study include: Occupational Industrial Safety/Hygiene, Oral Anatomy, Microbiology, Dental Terminology, Radiography, taking Bite-wing x-rays, Basic Chair-side Skills, Dental Equipment and Instrument Identification and Maintenance, as well as Sterilization and Disinfection and Head and Neck Anatomy. Student will be prepared to take the National Entry Level Dental Assisting exam.

Fire Science & EMS instills the proud tradition of serving communities with self-less dedication. The honor of becoming a firefighter is one sought after by many but bestowed upon only a few. Training to become a firefighter is exciting and meaningful. The NCTA Fire Science and EMS program offers professional instruction, amazing facilities, and endless opportunities to not only learn the skills necessary to become a firefighter/EMT, but also the skills to be an integral part of a community emergency response team in your own neighborhood. students earn their ICS 100 and 200 certificates from FEMA. Additionally, this course lays the groundwork so students can pursue their Firefighter I, Firefighter II, HazMat Operations, and EMT certificates upon turning 18 years of age.



Marine Services is a hands-on curriculum focused on the skills necessary for for employment in the Marine industry. Students will learn about preservation and maintenance of vessel materials, marina operations, customer service, basic marine electrical, boat handling and navigation, boat trailers - usage & repair, gelcoat and fiberglass repair, introduction to marine propulsion and engines and the Washington Safe Boating program Certification. Students wishing to continue in the marine field will be able to successfully transition into a variety of post-secondary options.



The **Mobile, Client-Sever Administration** course develops skills in programming and server administration including mobile access. Students will develop skills in Linux, Android, Apache Server, and Microsoft Web Server installation, support and administration. Programming skills and Microsoft Certification will be mastered in developing web resources in HTML5, CSS3 and Javascript. Mobile systems will be addressed throughout the course in support of client-level access to web resources and applications. Students completing this course will be prepared earn the following industry certifications Linux Professional Institute - Linux Essentials, Microsoft - HTML5, CSS3, JavaScript, Microsoft - Mobility & Devices Fundamentals and Microsoft - Cloud Fundamentals.

Veterinary Assisting is designed for Students interested in professions working with and caring for animals. Through hands-on learning and challenging academic coursework, students will develop the skills and knowledge necessary to obtain entry-level positions in a variety of animal care facilities, including veterinary hospitals, grooming shops, animal shelters, and boarding facilities.



Video Game Development explores the many facets of the video game development life-cycle: from asset creation to game design to coding. Students will learn to code in an industry-standard programming language, create their own 2D & 3D graphics, explore game design as part of a project team and combine these elements to create games using a professional game engine. With crossover credit options available, this could be the first step on the path to a career in computer science.

Innovative students can return for a second year of self-driven studies, earning more credits for applying their skills in advanced software development areas. Students must have successfully completed the first year of study and shown evidence of being an independent worker. Second Year Students earn 3.0 Computer Science credits.

Welding is an industry-based shop environment designed for the student who would like to develop a deeper understanding of metalworking as a foundation for continuing education or being in a job-ready market. Students are trained in the basic skills of oxy-acetylene welding, and cutting, shielded metal arc welding, gas metal and flux cored arc welding, gas tungsten arc welding, many other areas. Additionally, this program trains students in blueprint reading, math, layout and fit-up, and fabrication of a wide variety of projects.



Please check the website for current information. nwtech.k12.wa.us

Like us on Facebook at:

facebook.com/nwcta



2018-19 Application

Student Information

Legal Last Name First Name MI Birthdate

Current Address City Zip

Grade Grad Year Gender Student Phone Home Phone Birth City & State

Student Email Primary Language

Student Race/ Ethnicity Information Are you on track to graduate? Yes No

Class Selection: All classes run Monday through Friday. Please indicate your 1st and 2nd choice in the box by writing "1st", "2nd", etc. Minimum number of students is required to run each section. The dashed sections are possible expansion sections we can offer with a minimum enrollment.

NCTA Program	Campus	Session 1 8 – 10:30	Session 2 11:30 – 2	Session 3 3:30-6:00
Aerospace Manufacturing	Anacortes			
Animal Care & Handling	Mount Vernon			
Applied Medical Science	Mount Vernon			
Automotive Services	Sedro Woolley			
Construction – Residential	Meridian HS			
Construction – Skilled Trades	Anacortes			
Criminal Justice	Mount Vernon			
Culinary Arts	Mount Vernon			
Dental Assisting	Mount Vernon			
Fire Science & EMS	Mount Vernon			
Marine Services	Anacortes			
Mobile, Client-Sever Admin.	Mount Vernon			
Veterinary Assisting	Mount Vernon			
Video Game Development	Mount Vernon			
Welding	Meridian HS/BTC	@ MHS		@ BTC

*Some programs require an interview (either by phone or in person). Please make sure your contact information and responses to the student questions are legible.

Second Year Student Instructor Sign-Off _____

I authorize the Northwest Career & Technical Academy to: Have access to any and all of my school records; to use my records; to obtain my photo and/or statements as they relate to the mission of the Academy, and/or to aid in the success and promotion of career & technical education. The signature of students over the age of 18 living independently verifies agreement. I also understand that if I participate in an off-campus program, location, or clinical, I will be required to provide transportation.

Student Signature _____

Student Questions

- Why have you chosen to apply to NCTA?
- How is NCTA part of your High School and Beyond Plan?
- How have you prepared for NCTA to be the next step in your education?
- What is your attendance commitment to the NCTA program?
- What is your educational plan after high school?
- What is your career plan after high school?
- Is there anything you would like to share with us?

Family Information

1st Family Name

Relationship: _____ Primary Language _____

Current Address

Email

Cell Phone () Alternate Phone ()

1st Family Name

Relationship: _____ Primary Language _____

Current Address

Email

Cell Phone () Alternate Phone ()

Emergency Contact Information

Name

Relationship: _____ Primary Language _____

Cell Phone () Alternate Phone ()

Does your student have a life-threatening or other medical condition that requires medication at school or a school health care plan? No Yes

If Yes, Please describe: _____

I authorize the Northwest Career & Technical Academy to: Have access to any and all of my student's school records; to use my student's records; to obtain my student's photo and/or statements as they relate to the mission of the Academy, and/or to aid in the success and promotion of career & technical education. The signature of students over the age of 18 living independently verifies agreement. I also understand that if my student participates in an off-campus program, location, or clinical, I will be required to provide transportation.

Parent/Guardian Signature _____

Sending High School Information

Please note, all special education (full IEPS required), medical and emergency documents must be received before an application is processed.

Sending High School _____

Is the student on track to graduate? No Yes

Is the student taking classes at home high school? _____

Does this student have an IEP: No Yes (A full IEP copy required)

IEP Qualifying Area(s): _____

Case Manager: _____

Does this student have a 504 Plan: No Yes

Does this student have an Emergency Plan: No Yes

Does this student have a Medical Alert: No Yes

Student's Current Attendance overall:

- Exceptional (0-3 absences)
- Good (4-7)
- Fair (8-15)
- Poor (15+)

Transcript attached: No Yes

Any other information or concerns we should be aware of with this student?

School Representative Name _____

Signature _____ Date _____

The Mount Vernon School District does not discriminate in employment, programs, or activities on the basis of age, race, color, national origin, creed, religion, sex, sexual orientation, gender expression, gender identity, honorably discharged veteran or military status, or the presence of any sensory, mental or physical disability or use of a trained guide dog or service animal by a person with a disability and provides equal access to the Boy Scouts and other designated youth groups. We will take steps to assure that national origin persons who lack English language skills can participate in all education programs, services and activities, including those specific to career and technical education programming.