



CASCADIA TECHNICAL ACADEMY

12200 NE 28th Street, Vancouver, WA 98682 • (360) 604-1050

SUMMER SCHOOL 2018

Register on-line at www.evergreenps.org.

Registration opens on May 1ST at 7:00 a.m. Classes fill quickly, so register early!

Make your summer count with FREE job skills training and earn .5 high school elective credit!

Who is Eligible? The Cascadia Technical Academy summer school program is available to students who have completed the 8th, 9th, 10th, or 11th grade during the 2017-2018 school year. Students enrolled in the following school districts are eligible to apply: Battle Ground, Camas, ESD 112, Evergreen, Hockinson, La Center, Ridgefield, Vancouver, Washougal, and Woodland.

Dates: June 25 – July 13, 2018 (No school on July 4th.)

Times: 8:00 a.m. to 3:00 p.m. (30 minute lunch break is from 11:00 – 11:30); There are no vending machines on campus, so please be sure to bring a lunch with you.)

High School Credit: Students can earn .5 high school elective credit for successful completion of a summer school class. Some classes can receive academic credit; noted in course descriptions. Good attendance is very important; therefore, you may want to plan your vacations accordingly.

Transportation: There is no bus transportation provided. Parent/student must provide own transportation.

Cost: There is no cost for summer school, except for a possible \$10 to \$25 lab fee in some classes.

Registration is available on-line only:

On-line Registration opens on May 1st at 7:00 a.m. We recommend that you create an account with Evergreen Community Education ahead of time, so that you are ready to log-in and register for a class on May 1st. Summer School instructions and enrollment information are located on CTA's website under the registration tab: cascadiatechacademy.org.

Register on-line at <http://evergreenps.org/Departments/Community-Education>. Click on the Cascadia Tech Academy's logo to enroll in a summer school class. You will be directed to create an account with community education prior to registering for a class. Once you have an account, you are ready to complete the registration information to register student. **CTA offers one summer school session per year. A student may not repeat a summer class previously taken at CTA. Student may either be enrolled in one class or on a waitlist for one class.** Student cannot be simultaneously enrolled in a class and on a waitlist for another class.

Important

To cancel or to transfer to a different class, please email Wendy.Gile@evergreenps.org or call the CTA Registrar's office (360) 604-1064. Class cancellation or class transfers cannot be processed on-line. If you are unable to attend, please let Wendy know as soon as possible, so that someone else will have the opportunity to enroll. Questions about class course information, call 360-604-1050.

A computer kiosk will be available at Cascadia Tech Academy to register for summer school. There are also other computers available in the community for public use, such as community libraries.

Cascadia Tech 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.

CLASSES HELD ON CAMPUS at Cascadia Technical Academy

Basic Car Maintenance

Students will learn basic vehicle maintenance and safety needs. Simple, money-saving procedures that can be performed at home will be covered. At the conclusion of this course, students will also have an understanding of the automotive field as a career choice.

Career Exploration

This class will include the exploration of career options by looking at a variety of Career Clusters. Students will learn how to research and relate to their career of interest. The class will also support basic academic and life skills, leadership, and options for employment preparation as well as advanced and continuing education opportunities. Students will also have the opportunity to meet and learn from guest speakers and go on related field trips.

Carpentry Basics

This course will provide hands-on activities in the carpentry field. The use of hand and power tools, basic plan reading and basic carpentry skills will be covered.

Exploring Careers in Aviation

This class will introduce you to the world of aviation. Designed and instructed by leaders in the aerospace industry, this program will teach you the fundamentals of flight to include units on aviation history, aerodynamics, meteorology, aircraft systems, navigation, flight planning and air traffic control. Experience the world of aviation in our on-site aircraft hangar at Cascadia Tech Academy with three real airplanes and six flight simulators for you to practice on! You'll practice actual pre-flight inspections, checklist procedures and will gain hours of realistic simulated flight experience. This is the perfect class for anyone interested in exploring a career as a pilot, aircraft mechanic, aerospace engineer, air traffic controller or any of the other 70+ aviation careers that are currently experiencing exponential growth.

Health Careers

Explore the diverse world of health/medical careers. You will meet professionals from various specialties. Discover ways to keep yourself healthy! Introduction to CPR and First Aid will be taught. This class is a .5 Credit Course for Health. It can also be used as an elective course.

Intro to Baking

Students are introduced to the fundamental concepts, skills, science and techniques of baking. Special significance is placed on ingredient functions, the baking process, utensils, equipment, and product identification as applied to baking. We will also touch base in areas of the principals of baking, quick and yeast bread, cookies and brownies, pastry and laminated doughs, restaurant desserts and more. Food Handlers card is required by the end of the first week of class.

Intro to CAD & SolidWorks

Students will learn basic CAD skills and begin to become proficient in using Solid Works 3D manufacturing software in our manufacturing lab.

Intro to Corrections

Students will have the opportunity to learn about the theories and current practices in correctional treatment, crime prevention, contemporary criminal justice services and treatment methods, and professional career opportunities. Students participating in this course will study the history of corrections and treatment modalities; while learning about the role of the corrections components within the criminal justice system. Students will also train to pass the Law Enforcement Fitness test, learn some defensive tactics and learn how corrections agencies work with other Law Enforcement Agencies at the local, state, and federal levels.

Intro to Cosmetology

Students will be introduced to the basics of cosmetology, including manicures, pedicures, and basic haircutting skills. At the end of the three week course students will have a basic idea of the career opportunities available to a licensed Cosmetologist.

Intro to Dental Careers

The basics of the dentistry field will be covered to help determine if this career is right for you. Students will learn the basic fundamentals of dental assisting in Cascadia Tech Academy's dental clinic.

Intro to Diesel

Do you ever wonder how big trucks have the ability to haul heavy loads? Are you interested in learning the difference between gas verses diesel engines? Do you like working with your hands? Join the Intro to Diesel class and learn more about diesel engines, the theory behind their operation and what it takes to provide basic preventative maintenance for diesel engines. You will learn more about careers within the diesel industry. Field trips or other diesel related opportunities may also apply.

Intro to Fashion

Students in this program will learn about the fundamentals of fashion through hands-on application, explore a bit of costume history, and learn fashion terminology and writing. Color theory will be presented and practiced. Fashion line and design elements will be covered, resulting in a final writing/design project.

Intro to Linux

Interested in learning about LINUX Operating System, Open Source programs and how a computer works? If so, this is the class for you. We will explore how to install and configure Open Source programs, a variety of different operating systems, the multitude of components inside your computer, and how to build a system from a pile of parts. Ever wonder if you could write code to customize how your programs look and behave? Join us this summer and find out how.

Math for Medical Professionals

Want to be a medical professional? Want to earn high school and college credits at the same time? You can with Math for Medical Professionals. This class covers mathematical concepts related to both administrative and dosage calculations for those students planning on entering the Health Careers workforce. This class will review basic math skills such as whole numbers, common fractions, decimal fractions, percentages, averages, interest, and discounts. You will also learn numerical filing, appointment schedules, cash transactions, maintaining accounts, and paycheck calculation as well as dosage calculation and other measures including oral medications, safe medication administration, parenteral medications, hypodermic syringe measurement, reconstituting powdered drugs, measuring insulin dosages, dosages based on body weight and body surface area, introduction to IV therapy, and calculating IV flow rates. Join us and be that much closer to your career in medicine. This class also qualifies for Clark College credit.

Professional Self-Development & Microsoft Office Pro

Students will apply job search techniques to create a resume, references and cover letter through this portfolio career building experience, as well as demonstrate an understanding of the importance of positive attitude and self-image. Students will also develop computer skills needed to succeed in today's job market by learning a variety of software programs such as Microsoft Word and prepare for MOS certification, PowerPoint to create "knock your socks off" presentations, as well as Excel and Access. 1GB jump drive recommended.

Travel and Tourism

Explore the travel and tourism industry and related careers for our local area. The curriculum will include field trips, exploring local resorts, modes of travel, and careers such as travel agent, airline attendant, hotel front desk, customer service and much more.

CLASSES HELD OFF CAMPUS AT OTHER LOCATIONS

Intro to Alternative Energy

This class will be held at Heritage High School, 7825 NE 130th Avenue, Vancouver, WA 98682. Students will develop an understanding of the current condition of our environment and of our carbon footprint, the need for and impact of alternative energy solutions, the science, design and construction of alternative energy projects like solar ovens and wind turbines, the science and chemistry of the bio-diesel reaction and the steps of the batch production process from the collection of waste oil to the creation and storage of finished product.

Intro to Culinary Arts

This class will be held at Washougal High School, 1201 39th Street, Washougal, WA 98671. This exciting course is the study and application of the fundamentals of the culinary arts including knife skills, the five mother sauces, product packaging and marketing operation, and counter displays and services. Learn why things work together using ingredients, methods, and proper measurement techniques. Topics include culinary terminology, tool and equipment use, formula conversions, and functions of ingredients. This course has been developed to provide culinary students with knowledge and skills necessary to produce quality food experiences.

Intro to Horticulture

This class will be held at Heritage High School, 7825 NE 130th Avenue, Vancouver, WA 98682. This course provides students the opportunity to explore the study of horticulture. Students gain an understanding of the scope and importance of horticulture, biological factors, environmental and technological influences, design aesthetics and the future of agriculture in our urban societies. Student learning is enriched through work-based training at Heritage High School's greenhouse facility. Site work includes growing and maintenance of plants, crop management, site collaboration, landscape construction, and project presentations. The course will culminate with student presentations integrating sustainable solutions of urban agriculture into communities and neighborhoods. Field trips or other community service opportunities may also apply.