

CONTINUING EDUCATION

EDMONDS COMMUNITY COLLEGE

SPRING 2020 | APRIL-JUNE | edcc.edu/ce



EDMONDS
COMMUNITY COLLEGE

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SPARK YOUR PERSONAL AND PROFESSIONAL GROWTH WITH LIFELONG LEARNING.



Pursue personal enrichment

Whether you're mastering a new language or learning a new art form, creative expression benefits minds of all ages. Edmonds CC's Creative Retirement Institute (CRI) offers a variety of classes that will challenge your mind and enrich your lifelong learning experiences — no matter your age. CRI has been serving our community for more than 25 years and offers classes this spring in subjects ranging from literature to technology.

Learn a skill in just 2 hours

The Facility Makerspace embraces the maker and Do It Yourself movements as a DIY space for the community. As David Voetmann, who runs the makerspace, says, "It's a gym for people who make things." The Facility is an 11,000-square-foot space that houses over \$1 million in state-of-the-art, high-end technical equipment.

Train for a new career

At the Washington Aerospace Training and Research (WATR) Center, you can train for an entry-level job in aerospace manufacturing in 12 weeks. Graduates of WATR

leave the program with the technical and employability skills needed in today's competitive job market. For employers, the center also offers customized training and has trained more than 1,000 incumbent workers. Short-term training has long-term benefits, from tackling the skills gap to driving the industry's future innovations.

These are just a few of the many options Edmonds CC offers to those who wish to take their learning and skills to the next level. I encourage you to find the one that's right for you.

Dr. Amit B. Singh
Edmonds CC President



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GARDENING SUCCESS AND YOU

This course is appropriate for new and long-time gardeners. Topics include how to plan a garden for specific conditions, gardening at any age, improving success with your plant selections, using bulbs year-round, interplanting vegetables and flowers, starting seeds indoors, and growing pollinator-friendly plants.

Item: C891 Fee: \$50 Resnick, Jerelyn
4 Wed., 5/6-5/27 10 a.m.-12 p.m. ● GWY 352

← Course Title

← Course Description

← Item No. (required for registration), Fee, and Instructor

← Day(s), Time(s), and Location

COMMUNITY EDUCATION

Where life and learning meet!

Small, inviting non-credit classes offer you the opportunity to challenge yourself in a supportive and fun environment.

SPARK YOUR CREATIVITY, LEARN A NEW SKILL

Looking to learn a new language, experience art, or improve your creative writing? Community Education offers a variety of personal enrichment and business classes taught by master artists and local business experts.

CAREER AND BUSINESS

DIVORCE PLANNING

Qualified local professionals with a wealth of experience will help give you the knowledge, support, and resources that you need to survive the process and move with confidence toward a new life. This workshop is designed to help everyone in any stage of untying the knot. Take charge by becoming informed.

Item: C378 Fee: \$39 Harsin, Dick and Lee, Renee
Tues., 5/5 6:30-9:30 p.m. ● LYN 210

MAKE LIFE EASIER WITH THESE 5 GOOGLE APPS

Your Gmail account gives you access to Google's other cloud-based applications and services that are available on your computer, tablet, and smartphone. Learn to use Google's timesaving apps: Drive and Docs; Calendar; Keep; Photos; and Slides.

Item: C338 Fee: \$49 Schwarz, Kate
Wed., 5/6 6-8 p.m. ● MAB 108

TAX AND INCOME PLANNING STRATEGIES

This course focuses on concepts that are important to retirement and explains strategies designed to accomplish objectives such as inflation protection, tax-efficient withdrawals, lifestyle preservation, and providing a legacy. Both retirees and pre-retirees will benefit from attending this class.

Item: C335 Fee: \$59 Keppler, Susan and Richard
2 Wed., 6/3 and 6/10 6:30-8:30 p.m. ● SQL 202

Item: C336 Fee: \$59 Keppler, Susan and Richard
2 Sat., 6/6 and 6/13 9:30-11:30 a.m. ● SQL 308

HOME, HEALTH, AND HEARTH

BEGINNER BRIDGE: A GAME OF PLANNING AND COMMUNICATION

You've probably heard of it, but do you know how to play bridge? Develop basic game skills and learn strategies to play bridge in a casual atmosphere including play of hand, defense skills, basic conventions, and proper scoring. Class culminates in a mini tournament.

Item: C499 Fee: \$195 Leid, Monica
4 Tues. and 4 Thurs., 5/19-6/11 6-8 p.m. ● MAB 109

HOMESCHOOL NUTS AND BOLTS

Interested in homeschooling but don't know where to start? Successful completion of this engaging, affordably priced class meets the Washington state legal requirements as a "qualifying course" for parents who choose to provide home-based instruction for their children.

Item: C372 Fee: \$125 Rosenzweig, Beth
Fri., 4/10 and Sat., 4/11 6-9 p.m. Fri. and 9 a.m.-5 p.m. Sat. ● MAB 109

MEDITATION AND MINDFULNESS

Let us help you "get away from it all." Learn and explore various meditation techniques in a way that allows you to relax into a deep meditative state. This course focuses on technique only and does not cover religious or philosophical background.

Item: C498 Fee: \$105 Courtney, Patricia
4 Sat., 4/18-5/9 9-11 a.m. ● SQL 205

REDUCE YOUR INCOME TAXES IN RETIREMENT

Retirement doesn't mean that you will pay less income tax. Explore strategies to reduce your income tax; learn the various social security options and the three different phases of retirement income needs.

Item: C384 Fee: \$59 Harsin, Dick
2 Thurs., 5/7 and 5/14 6:30-9 p.m. ● LYN 210



INSTRUCTOR SPOTLIGHT

SIMONE GOMES

Simone was born in Brazil and became a U.S. Citizen in 2009. She is a proud alumna of the Edmonds CC English as a Second Language (ESL) program, and has a bachelor's degree in communications and a certificate in Spanish from Salamanca University, Spain.

Simone is a passionate and dedicated immigrant rights activist. As a program support manager in the Edmonds CC ESL department, she works to empower immigrant and refugee students to accomplish their educational goals and guides them through the citizenship process.

FEATURED CLASS

PATHWAYS TO CITIZENSHIP

Learn how to become a United States citizen. Study for the naturalization process. This class will help you understand all tests, including civics and government questions, and reading and writing strategies that will prepare you for your interview day. Class will be taught in English.

Item: C398 Fee: \$35 Gomes, Simone
7 Fri., 4/24-6/12 10:30 a.m.-12:30 p.m. MUK 429
NOTE: No class 5/8.

COMMUNITY EDUCATION



FEATURED CLASS

NEW! URBAN FARMING 101

Turn your urban lot into the food forest of your dreams! In this class, you will learn how to promote soil health while growing food for yourself and your community. This is an outdoor class. Please bring protective footwear, a water bottle, and gloves. Soil, pots, and starter plants are included in the class fee.

Item: C382 Fee: \$125 Swart, Marni
3 Sat., 4/25-5/9 9 a.m.-12 p.m. ● Edmonds CC Campus Farm

WELCOME TO MEDICARE

This class will teach you about the basic structure of Medicare, enrollment timelines, special and open enrollment events, online enrollment, Medicare fraud, and low-income help.

Item: C334 Fee: \$15 Virago, Celeste
Mon., 5/11 6-8 p.m. ● SQL 309

LANGUAGE AND CULTURE

FRENCH FUNDAMENTALS

Bonjour! Learn the basics of French for speaking, reading, and writing in this beginning French class! Required book: "Easy French Step-by-Step."

Item: C674 Fee: \$99 Courtney, Patricia
4 Thurs., 4/9-4/30 6-8 p.m. ● SQL 204

SPANISH: BEGINNING

Just the basics! Gain Spanish grammar and conversational skills for everyday life and travel. Study basic pronunciation and grammatical structure in a nurturing interactive environment. Required book: "Spanish in 10 Minutes a Day."

Item: C762 Fee: \$225 Baird, Monica
9 Mon., 4/6-6/8 6-8 p.m. ● SQL 214
NOTE: No class 5/25 due to holiday.

SPANISH: INTERMEDIATE

Continue with conversation and grammar skills, learn to conjugate verbs in present, past, and future. Prerequisite: Spanish: Beginning. Required book: "Barrons: Learn Spanish the Fast and Fun Way" 2nd or 3rd edition by Gene Hammitt.

Item: C764 Fee: \$225 Baird, Monica
9 Tues., 4/7-6/2 6-8 p.m. ● SQL 204

Location key: ● Edmonds CC Campus ● Artworks

SPANISH: CONVERSATIONAL FOR TRAVELERS

Learn to master basic Spanish conversation and useful phrases for different travel situations. Prerequisite: Spanish: Beginning. Required book: "Spanish Step by Step" by Charles Berlitz (available on Amazon.com and through other booksellers).

Item: C766 Fee: \$99 Baird, Monica
4 Wed., 4/8-4/29 6-8 p.m. ● SQL 202

SPANISH: GRAMMAR INTENSIVE

An intensive grammar class for students with Spanish knowledge to improve conjugation skills. We'll cover present, past, future, imperfect, conditional, and subjunctive verbs in an interactive class. Viva! Required book: McGraw Hill's "Practice Makes Perfect – Spanish Verb Tenses," second edition by Dorothy Richmond.

Item: C778 Fee: \$99 Baird, Monica
4 Wed., 5/6-5/27 6-8 p.m. ● SQL 202

PERFORMANCE

EDMONDS WIND ENSEMBLE

Experienced musicians who are looking for a community wind ensemble are invited to join. NOTE: Permission from instructor must be obtained during the first session. Warmup starts at 6 p.m.

Item: C610 Fee: \$95 Mostovoy, Steve
10 Tues., 4/7-6/9 7-9:30 p.m. ● MIC 114

VISUAL ARTS

COMMUNITY CERAMICS

Class covers throwing and handbuilding, shaping, and assembly of ceramic pieces. Includes weekly demonstrations that will build your personal ideas and skill mastery in clay. Tuition includes studio fee, two bags of clay, and shared materials. Open studio times: 6-9 p.m. Mon. and 10 a.m.-2 p.m. Sat.

Item: C407 Fee: \$325 Keyes, Alex
10 Tues., 4/7-6/9 6:30-9:30 p.m. ● MDL 116

Item: C406 Fee: \$325 Bruns, Katharine
10 Wed., 4/8-6/10 9:30 a.m.-12:30 p.m. ● MDL 116

CREATIVE COLORED PENCILS

In this fun, interactive class, students follow systematic instructions to create vibrant and realistic art using colored pencils. Art making with colored pencils is as quick to clean up as it is to set up. Technique is taught step by step from basic level to advanced level. See online course description for supply list.

Item: C394 Fee: \$79 Valdivia, Fresia
2 Sat., 5/9 and 5/16 1-3 p.m. ● SNH 308

DRAWING BASICS AND ESSENTIALS: MAKING YOUR MARK

Learn steps to realistic drawing using dry mediums such as graphite, charcoal, and Conté crayons. Beginners and those who haven't drawn in a while will learn new skills, while intermediate students will build upon what they know with challenging projects. Ages 12 and up. See online description for supply list.

Item: C392 Fee: \$225 Valdez, Juan Carlos
8 Tues., 4/7-5/26 6-8 p.m. ● MDL 123

FEATURED CLASS

**NEW!** CERAMIC POTS FOR SPRING PLANTS

Students will learn and apply basic handbuilding skills to design and create a ceramic vessel for plants. The class meets twice to construct the planters and once to complete the surface decoration of the vessel.

Item: C496 Fee: \$89 Bruns, Katharine
3 Thurs., 4/23-5/7 6-8 p.m. ● MDL 116

GOING GOUACHE! PAINTING CARDS, PORTRAITS, AND MORE

Love watercolor but want to try something bold? Give gouache a try! This weekend workshop will provide an introduction to the materials and methods of working in gouache, or opaque watercolor. The distinctive flat, bright tones provide a wonderful change from the heaviness of oils. See online description for supply list.

Item: C393 Fee: \$99 Valdez, Juan Carlos
2 Sat., 4/18 and 4/25 10 a.m.-1 p.m. ● MDL 101

MONOPRINT IMAGE COLLAGE

Monoprinting is for those who enjoy art and want to explore printmaking on a printing press. We will make unique prints with creative tools. Bring sketchbooks, photocopies, and images to create prints. See online description for supply list. Solvents, inks, printing tools, and equipment are provided. All levels welcome.

Item: C446 Fee: \$175 Adelman, Carol
4 Thurs., 4/30-5/21 6:30-9:30 p.m. ● Artworks

PHOTOGRAPHY: BEGINNING DIGITAL

Learn basic techniques to take fabulous photos with your manual digital camera. We'll cover shutter speed, aperture, ISO, and more, and you'll complete assignments to use what you've learned.

Item: C452 Fee: \$285 Saber, Leslie
8 Tues., 4/7-5/26 6:30-9:30 p.m. ● SQL 308

QUILLING: CREATE ART WITH PAPER

There are lots of interesting things to learn about paper recycling and even more fun ways to learn them. In this interactive class, students will follow systematic instructions to form 2D flowers, fruits, animals, baskets, frames, 3D animals, flowers, and more. See online description for supply list.

Item: C396 Fee: \$79 Valdivia, Fresia
2 Sat., 5/9 and 5/16 10 a.m.-12 p.m. ● SNH 308

Register online or in person. Go to edcc.edu/ce or see the registration form on page 26.

COMMUNITY EDUCATION

7020 196th St. SW, Lynnwood, WA 98036 | 425.640.1243
edcc.edu/comed | communityeducation@edcc.edu

SIKULI ART: EYE OF GOD

Take part in a Huichol tradition that has spanned generations and create your own Sikuli. Sikuli, or God's eyes, are gifts woven out of yarn. They are used to grant protection and to celebrate different occasions. See online description for supply list.

Item: C399 Fee: \$69 Valdez, Juan Carlos
Sat., 5/2 10 a.m.-1 p.m. ● MAB 108

THE ART OF PHOTOGRAPHING BIRDS

Are you surrounded by beautiful birds? Do you want to learn how to take great photos of them? We'll cover exposure and panning techniques, how to craft a pleasing photograph that highlights the bird, in-the-field ethics, how to "find" the shot, and great birding locations. In-class and hands-on learning. All levels.

Item: C475 Fee: \$79 Ulvestad, Karen
2 Sat., 6/6 and 6/13 9 a.m.-12 p.m. ● SQL 205

THE ART OF PHOTOGRAPHING NATURE

Ever wanted to capture the wildlife in your backyard? Learn how to be aware of a subject's surroundings and more. Lessons include exposure, composition, tracking, and planning through discussions, assignments, and questions. Students should bring cameras/equipment to class. All levels welcome.

Item: C476 Fee: \$105 Ulvestad, Karen
4 Mon., 4/20-5/11 6:30-8:30 p.m. ● SQL 201

WATERCOLOR FOR BEGINNERS: INTERSECTION OF WATER

Watercolor techniques for beginners. This course will explore drawing and painting principles for still-life and plein air. All ages welcome! See online description for supply list.

Item: C482 Fee: \$225 Valdez, Juan Carlos
8 Wed., 4/8-5/27 6-8 p.m. ● MDL 101

WRITING

HOW TO WRITE SHORT STORIES

Learn techniques for idea generation, story structure, and revision by examining successful stories and writing your own. You will leave with three new story ideas, a cover letter for publishers, and a critique of writing up to 5,000 words from author G.G. Silverman.

Item: C534 Fee: \$125 Silverman, G.G.
6 Tues., 4/14-5/19 7-9 p.m. ● SQL 309

SELL YOUR SHORT STORIES AND POETRY

If you have been writing short stories or poems and don't know how to get them published, then this class is for you. Award-winning author G.G. Silverman will share her strategies for getting her short work published in magazines, on websites, and in anthologies.

Item: C532 Fee: \$69 Silverman, G.G.
Mon., 5/4 7-9 p.m. ● SQL 205



EDMONDS COMMUNITY COLLEGE
COMMUNITY EDUCATION



CREATIVE RETIREMENT INSTITUTE (CRI)

Join our lifelong learning adventure!

The Creative Retirement Institute is a member-driven, self-supporting organization whose mission is to provide affordable, quality lifelong learning opportunities to adults in a supportive environment.

INSPIRING COURSES AT AFFORDABLE PRICES

Gain a better understanding of yourself and our changing world while making new friends. Creative Retirement Institute (CRI) offers non-credit, college-level courses at affordable prices. A \$10 quarterly registration fee applies.

Registration opens March 10.

CRI QUARTERLY REGISTRATION

Item: C975 Fee: \$10.00

ART AND MUSIC

JAZZ IN THE ATOMIC AGE

The jazz style known as bebop arrived at the same time as did the atomic bomb, both significant turning points in history. The initial "blast" of bebop created a "fallout" of several jazz styles (cool, hard bop, third stream, soul jazz) and resulted in the 1950s being arguably the most creative decade in jazz history.

Item: C925 Fee: \$50 Jensen, Brent
4 Fri., 4/10-5/1 10 a.m.-12 p.m. ● MAB 109

SEATTLE CAMERA CLUB, 1924-1932

This club was Washington state's earliest internationally known arts organization, founded by first-generation Japanese Americans who worked in "Pictorialism," producing photographs in an artistic manner. During WWII, all of the Issei members were interned at the Minidoka Relocation Center.

Item: C903 Fee: \$25 Martin, David
Fri., 6/12 10 a.m.-12 p.m. ● MAB 109

WOMEN ARTISTS FROM THE RENAISSANCE TO 1900

Examine the lives of women before they had the right to vote. We will cover the Renaissance and Baroque periods, then move from the 18th century, to realism and neoclassicism and finally to women impressionists and their academic counterparts in the late 19th century.

Item: C861 Fee: \$39 Albiani, Rebecca
2 Wed., 4/15 and 4/29 10 a.m.-12 p.m. ● GWY 352

Concurrent with C949 "Engaging Our Changing."



INSTRUCTOR SPOTLIGHT

ERICA MINER

Former Metropolitan Opera Orchestra violinist Erica Miner is an award-winning author, arts writer, and lecturer. As an opera expert, she is a regular presenter for CRI at Edmonds CC, the Osher Lifelong Living Institute at the University of Washington, University of California San Diego,

and numerous other venues. As a writer and author, Erica is an active contributor to major arts websites and magazines and is currently working on the third in her "operatic mystery" novel series.

FEATURED CLASS

OPERA FAVORITES AND OPERA MEETS HOLLYWOOD

This class will present two aspects of opera. Session 1 will cover the most popular opera composers, most-produced operas, and other fascinating opera-related facts. Session 2 will explore how Hollywood has looked to opera classics to enhance the images seen on the silver screen.

Item: C927 Fee: \$35 Miner, Erica
2 Thurs., 6/4-6/11 1-3 p.m. ● MAB 109

WOMEN PAINTERS OF WASHINGTON

One of the state's oldest arts organizations was founded in 1930 with the aim of overcoming limitations faced by female artists. Over its 75-year history it has produced talented artists of national prominence whose stories have not been widely shared until now.

Item: C911 Fee: \$25 Martin, David
Thurs., 6/4 10 a.m.-12 p.m. ● MAB 109

HISTORY AND CURRENT EVENTS

AMERICAN HISTORY 6B: THE ROARING '20S

A decade sizzling with activity. The passage of the 18th and 19th Amendments, the rise of the FBI, changes in Europe bringing about fascism, and lots of art: the Lost Generation of writers, art deco, the Harlem Renaissance, and jazz.

Section A - Item: C907 Fee: \$45 Busch, Kristi
4 Fri., 4/17-5/8 1-2:30 p.m. ● MAB 109

Section B - Item: C909 Fee: \$45 Busch, Kristi
4 Tues., 5/5-5/26 1-2:30 p.m. ● MAB 109

BREXIT IN THE CONTEXT OF EUROPE

This course will focus on Brexit in the context of Europe. Topics to be discussed include the European Union, the fall of the Berlin wall, the Euro, changes in leadership in France and Germany (French President Macron's entrance, German Chancellor Merkel's exit), effects of immigration, debt problems, and relationships with the U.S.

Item: C881 Fee: \$35 MacDonald, Michael
Mon. 4/6 and Fri. 4/10 1-3 p.m. ● MAB 109

CREATIVE RETIREMENT INSTITUTE

HOW ARCHAEOLOGICAL EVIDENCE EXPLAINS JESUS

We explore different aspects of the life of Jesus through his work, travel, and the last week of his life. We discover how archaeology informs our understanding of this fascinating teacher.

Item: C945 Fee: \$50 Gibson, Richard
4 Tues., 5/5-6/2 10 a.m.-12 p.m. ● MAB 109

NOTE: No class 5/12. Concurrent with C915 "Fact and Fiction."

POLITICS AND FOREIGN POLICY: WHAT'S THE DEAL?

The interplay between Washington, D.C. politics and the implementation of foreign policy, including a look at the foreign policy and national security policy structures, the role of Congressional oversight, and tensions between political pressures and sound policy and programs.

Item: C873 Fee: \$35 Meece, Roger
2 Wed., 6/3 and 6/10 10 a.m.-12 p.m. ● GWY 352

SEMPER PARATUS

A descriptive history of the U.S. Coast Guard and the USCG Auxiliary.

Item: C991 Fee: \$25 Coulombe, Kevin
Fri., 5/15 1-3 p.m. ● MAB 109

THE ATOMIC BOMB

The nature of warfare, politics, and society changed forever when mushroom clouds rose over Hiroshima and Nagasaki on Aug. 6 and 9, 1945. At least 129,000 people were killed in the attacks. We will discuss the genesis of the atomic bomb, its development, use, and the implications for our planet.

Item: C913 Fee: \$50 Szarek, Chris
4 Mon., 4/13-5/4 1-3 p.m. ● MAB 109



FEATURED CLASS

THE ELECTORAL COLLEGE: LOVE IT OR LEAVE IT

The Electoral College was established as a compromise between election of the president by a vote in Congress versus a popular vote of qualified citizens. It overrepresents 31 states and underrepresents four. We will discuss the origins of the Electoral College and its ramifications on modern politics.

Item: C877 Fee: \$35 Montalvo, Maria
2 Fri., 5/22 and 5/29 1:30-3:30 p.m. ● MAB 109
Concurrent with C857 "Four Helpful Google Apps."

THE HISTORY OF VENICE

Venice has a rich history. It started as a refuge from the invasion of Attila the Hun and rose to become a major city-state controlling trade and commerce of the Mediterranean. It had a role in the Crusades, a long war with the Turks, was important in the Renaissance, and is now a major tourist attraction.

Item: C901 Fee: \$50 Rigali, James
4 Wed., 4/8-4/29 1-3 p.m. ● GWY 352

THE INVENTION OF RELIGION

The Old Testament Book of Exodus is the story of the liberation of a people. It is also the story of a radically new conception of religion — one that became the basis for Judaism, Christianity, and Islam. This class will consider the monotheism that has defined much of Western religion, deriving from the stories of Exodus.

Item: C947 Fee: \$50 Paskin, Sorrel
4 Fri., 5/8-5/29 10 a.m.-12 p.m. ● MAB 109

TROUBLE ON BOARD SPACESHIP EARTH

In 1966, Kenneth Boulding wrote "The Economics of the Coming Spaceship Earth" and warned humans were treating earth as if cowboys on a frontier, instead of crew members on a spaceship whose life support systems need continuous maintenance and repair. Explore the best way to address the crisis.

Item: C879 Fee: \$50 Gassler, Scott
4 Wed., 5/6-5/27 1-3 p.m. ● GWY 352

Concurrent with C963 "Lotion Lab: the Science and Regulations" and C855 "iPad for Grownups."

U.S.-TURKEY RELATIONS: AN ALLIANCE IN TROUBLE

Turkey worked with the U.S. throughout the Cold War, but the relationship between the two countries has since deteriorated. Turkish President Erdogan and his party are moving in an authoritarian direction, and Turkey is now dealing with a severe economic crisis. Examine the connection between the shift in Turkey's priorities.

Item: C889 Fee: \$25 Kasaba, Resat
Wed., 4/22 10 a.m.-12 p.m. ● GWY 352

Concurrent with C949 "Engaging Our Changing."

VIETNAM: THE AMERICAN WAR

Many Americans, from small town folks to Washington movers-and-shakers, knew little about Vietnam before the Vietnam War. This course will look to the histories of both countries for explanations on what was at stake. We'll cover the political, economic, and cultural aspects of the war as well as military operations and leadership on both sides.

Item: C905 Fee: \$45 Kerr, Laurence
3 Mon., 5/4-5/18 10 a.m.-12 p.m. ● MAB 109

LITERATURE

CARPE DIEM: THE ODES OF HORACE

We will read the "Carmina" of the Roman poet Horace. Attention will be paid to the tension between Stoic and Epicurean philosophies and the negotiation the author is compelled to make with the demands of the empire. Required book: "The Complete Odes and Epodes" translated by David West.

Item: C923 Fee: \$50 Taylor, Sean
4 Thurs., 5/7-5/28 1-3 p.m. ● MAB 109

FACT AND FICTION

We are not your average book discussion group! Participants make their own reading choices and come prepared to present brief reviews and share their appraisals. You may select a past or current author in any genre. Learn from each other through informal discussion. This is a low fee class but requires registration.

Item: C915 Fee: \$15 Gallery, Jill
4 Tues., 5/5-5/26 10 a.m.-12 p.m. ● MAB 108

Concurrent with C945 "How Archaeological Evidence Explains Jesus."

SOCIOLOGY MEETS LITERATURE: LIFE STORIES

Read and discuss four biographical stories plus a biographical essay which illustrate life accidents, choices, secrets, and relationships. Not political, but written in a period in which politics impacts everything. Also read notes from the editors and contributors. Required book: "The Best American Short Stories of 2019."

Item: C871 Fee: \$50 Berg, Ellen
4 Tues., 4/7-4/28 10 a.m.-12 p.m. ● MAB 109

THE POETRY OF IMPERMANENCE, MINDFULNESS, AND JOY

Part of Stahl's poetry series. The course is about cultivating a richer quality of seeing and feeling. Poems will provide insights into compassion, wisdom, humor, gentleness, grief, and joy. Suggested book: "The Poetry of Impermanence, Mindfulness, and Joy" edited by John Brehm.

Item: C919 Fee: \$50 Stahl, Robert
4 Thurs., 4/9-4/30 10 a.m.-12 p.m. ● MAB 109



INSTRUCTOR SPOTLIGHT

SEAN TAYLOR

Sean Taylor received a doctorate in Medieval English literature from the University of Washington in 1995, with a special topic on manuscript studies. After serving some years as a visiting professor, first at Portland State University, and finally at Hamilton College, he returned to

Seattle and began a new career as a theatre artist, mostly performing Shakespeare. He furnished the translations for Seattle Shakespeare Company's production of "Cyrano de Bergerac" and "A Doll's House." He began teaching courses in medieval and ancient literature at CRI in 2006, at which time he also started working at the Pacific Science Center, teaching in the planetarium. He recently published a volume of poems, "What Foreign Shore," a translation of the "Odes" of Horace.

TO THE LIGHTHOUSE WITHOUT VIRGINIA WOOLF

We'll discuss four lighthouse-themed books, in the following order: "Stargazing: The Memoir of a Young Lighthouse Keeper" by Peter Hill, "The Lighthouse at the End of the World" by Jules Verne, "The Lighthouse Keeper's Daughter" by Hazel Gaynor, and "The Light on the Island" by Helene Glidden. Please read in order before each class.

Item: C921 Fee: \$50 Enstad, Ginny
4 Thurs., 4/9-4/30 1-3 p.m. ● MAB 109

MATH AND SCIENCE

ENGAGING OUR CHANGING

During the three sessions of this class, discussions will focus on the personal experiences of physical, psychological, and belief changes over the course of our unique lives. A brief presentation will launch both large group and small group discussions of each topic. Session will end with a practical takeaway.

Item: C949 Fee: \$45 Tracy, James
3 Wed., 4/8-4/22 10 a.m.-12 p.m. ● MAB 109

Concurrent with C889 "U.S.-Turkey Relations: An Alliance in Trouble" and C861 "Women Artists from the Renaissance to 1900."

EVERYTHING YOU WANTED TO KNOW ABOUT THE FLU

What is the flu? Why does it make you sick? Does the flu vaccine work? Why is there a new strain of the virus every year? This course covers the biology of the influenza virus, how it affects the human body, how the flu vaccine is made, and how (and whether) the vaccine protects you.

Item: C893 Fee: \$35 Kemp, Hilary
2 Fri., 6/12 and 6/19 1-3 p.m. ● MAB 109

GEOLOGY OF NATIONAL PARKS PART III

The first national park, Yellowstone, was created by Congress on March 1, 1872. There are now 59 parks and 117 national monuments, plus over 400 other places designated as being worthy of protection and preservation. In this class we will discuss 12 national parks plus several national monuments and national seashores.

Item: C957 Fee: \$50 Charnley, Donn
4 Mon., 4/6-4/27 10 a.m.-12 p.m. ● MAB 109

FEATURED CLASS

SHAKESPEARE'S MACBETH

One of the Bard's great tragedies will be staged by Seattle Shakespeare Co. April 21 through May 17. Attention will be paid to the structure of the play, tensions between action and consequences, action and equivocation, and ideals of masculinity. Read through Act 2 for the first class. Editions with annotations and line numbers recommended.

Item: C917 Fee: \$50 Taylor, Sean
4 Tues., 4/7-4/28 1-3 p.m. ● MAB 109

CREATIVE RETIREMENT INSTITUTE

LOTION LAB: THE SCIENCE AND REGULATIONS

Come make a lotion and learn the chemistry behind successful lotions. You will examine labels and evaluate claims as we review ingredients and the biology of skin. We'll discuss FDA requirements for safety and labeling of cosmetics.

Item: C963 **Fee: \$25** **Weeks, Reitha**
Wed., 5/6 **1-3:30 p.m.** **MAB 109**
 Concurrent with C789 "Trouble On Board Spaceship Earth."

WOMEN'S HEALTH AND THE LAW

Examine women's legal status in the U.S. from 1776 to the present and the impacts of Supreme Court decisions. Examples of topics are pregnancy, family leave, equal pay, contraception, abortion, rape, sexual harassment, toxic chemicals, women's health, and the Affordable Care Act.

Item: C895 **Fee: \$50** **Solomon, Fran**
4 Thurs., 5/7-5/28 **10 a.m.-12 p.m.** **MAB 109**

NATURE

GARDENING SUCCESS AND YOU

This course is appropriate for new and long-time gardeners. Topics include how to plan a garden for specific conditions, gardening at any age, improving success with your plant selections, using bulbs year-round, interplanting vegetables and flowers, starting seeds indoors, and growing pollinator-friendly plants.

Item: C891 **Fee: \$50** **Resnick, Jerelyn**
4 Wed., 5/6-5/27 **10 a.m.-12 p.m.** **GWY 352**



FEATURED CLASS

LIFE IN A TROPICAL CORAL REEF

Explore the roles and relationships among the wonderfully weird creatures that call tropical coral reefs home, and what's at stake if the complex balance of interactions is not preserved.

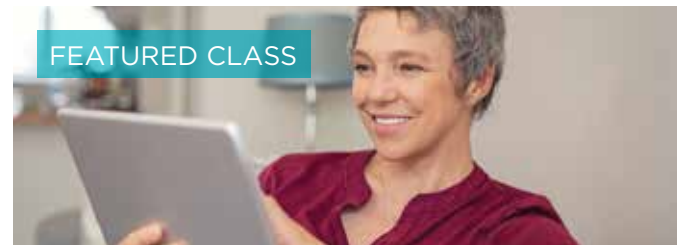
Item: C965 **Fee: \$25** **Behymer, Chelsea**
Wed., 6/3 **1-3 p.m.** **GWY 352**

TECHNOLOGY

FOUR HELPFUL GOOGLE APPS

We will discuss four Google Apps accessible through a Google account. Google Cloud allows you to create and share "in the cloud." Google Calendar organizes your events and reminders. Google Keep is a note-taking service. Google Photos keeps your photos organized and easy to find.

Item: C857 **Fee: \$25** **Schwarz, Kate**
Fri., 5/29 **1-3 p.m.** **MAB 108**
 Concurrent with C877 "The Electoral College: Love It or Leave It."



FEATURED CLASS

IPAD FOR GROWNUPS

A hands-on workshop designed for adult beginners that will introduce the basics of iPad navigation, finding and using apps, and tips and tricks. Finding your way around with touch and stylus; installing and troubleshooting apps; managing pictures, videos, email, browsers, internet safety, and social media will be discussed.

Item: C855 **Fee: \$35** **Schwarz, Kate**
2 Wed., 5/20 and 5/27 **1-3 p.m.** **MAB 108**
 Concurrent with C789 "Trouble On Board Spaceship Earth."

PRIVACY AND THE DARK WEB

The dark web isn't "dark" except in novels or ads for information protection, just out of the light cast by Google Search and other internet search engines. People who visit uncharted websites like privacy and some of them buy and sell information that impacts our privacy. Discover ways to protect your data from theft.

Item: C853 **Fee: \$35** **Boston, Brian**
2 Thurs., 6/11 and 6/18 **10 a.m.-12 p.m.** **MAB 109**

WHAT A SECURITY BREACH MEANS TO YOU

The ITRC (Identity Theft Resource Center) reported in 2018 that business and government breaches were down 23%, but consumer data exposed went up 123%. Discover what you should do to limit your exposure and recover from this kind of incursion.

Item: C851 **Fee: \$25** **Boston, Brian**
Mon., 6/1 **10 a.m.-12 p.m.** **MAB 109**

Creative Retirement Institute (CRI) Course Calendar

Item	Dates	Day	Room	Course	Instructor	Price	Page
C957	4/6-4/27	4 Mon. 10 a.m.-12 p.m.	MAB 109	Geology of National Parks Part III	Charnley, Donn	\$50	11
C881	4/6 and 4/10	Mon. and Fri. 1-3 p.m.	MAB 109	Brexit in the Context of Europe	MacDonald, Michael	\$35	9
C871	4/7-4/28	4 Tues. 10 a.m.-12 p.m.	MAB 109	Sociology Meets Literature: Life Stories	Berg, Ellen	\$50	11
C917	4/7-4/28	4 Tues. 1-3 p.m.	MAB 109	Shakespeare's Macbeth	Taylor, Sean	\$50	11
C949	4/8-4/22	3 Wed. 10 a.m.-12 p.m.	MAB 109	Engaging Our Changing	Tracy, James	\$45	11
C901	4/8-4/29	4 Wed. 1-3 p.m.	GWY 352	The History of Venice	Rigali, James	\$50	10
C919	4/9-4/30	4 Thurs. 10 a.m.-12 p.m.	MAB 109	The Poetry of Impermanence, Mindfulness, and Joy	Stahl, Robert	\$50	11
C921	4/9-4/30	4 Thurs. 1-3 p.m.	MAB 109	To the Lighthouse Without Virginia Woolf	Enstad, Ginny	\$50	11
C925	4/10-5/1	4 Fri. 10 a.m.-12 p.m.	MAB 109	Jazz in the Atomic Age	Jensen, Brent	\$50	9
C913	4/13-5/4	4 Mon. 1-3 p.m.	MAB 109	The Atomic Bomb	Szarek, Chris	\$50	10
C861	4/15 and 4/29	2 Wed. 10 a.m.-12 p.m.	GWY 352	Women Artists from the Renaissance to 1900	Albiani, Rebecca	\$39	9
C907	4/17-5/8	4 Fri. 1-2:30 p.m.	MAB 109	American History 6b: The Roaring '20s: Section A	Busch, Kristi	\$45	9
C889	4/22	Wed. 10 a.m.-12 p.m.	GWY 352	U.S.-Turkey Relations: An Alliance in Trouble	Kasaba, Resat	\$25	10
C905	5/4-5/18	3 Mon. 10 a.m.-12 p.m.	MAB 109	Vietnam: The American War	Kerr, Laurence	\$45	10
C915	5/5-5/26	4 Tues. 10 a.m.-12 p.m.	MAB 108	Fact and Fiction	Gallery, Jill	\$15	11
C945	5/5-6/2	4 Tues. 10 a.m.-12 p.m.	MAB 109	How Archaeological Evidence Explains Jesus	Gibson, Richard	\$50	10
C909	5/5-5/26	4 Tues. 1-2:30 p.m.	MAB 109	American History 6b: The Roaring '20s: Section B	Busch, Kristi	\$45	9
C891	5/6-5/27	4 Wed. 10 a.m.-12 p.m.	GWY 352	Gardening Success and You	Resnick, Jerelyn	\$50	12
C879	5/6-5/27	4 Wed. 1-3 p.m.	GWY 352	Trouble on Board Spaceship Earth	Gassler, Scott	\$50	10
C963	5/6	Wed. 1-3:30 p.m.	MAB 109	Lotion Lab: the Science and Regulations	Weeks, Reitha	\$25	12
C895	5/7-5/28	4 Thurs. 10 a.m.-12 p.m.	MAB 109	Women's Health and the Law	Solomon, Fran	\$50	9
C923	5/7-5/28	4 Thurs. 1-3 p.m.	MAB 109	Carpe Diem: The Odes of Horace	Taylor, Sean	\$50	11
C947	5/8-5/29	4 Fri. 10 a.m.-12 p.m.	MAB 109	The Invention of Religion	Paskin, Sorrel	\$50	10
C991	5/15	Fri. 5/15 1-3 p.m.	MAB 109	Semper Paratus	Coulombe, Kevin	\$25	10
C855	5/20-5/27	2 Wed. 1-3 p.m.	MAB 108	iPad for Grownups	Schwarz, Kate	\$35	12
C877	5/22-5/29	2 Fri. 1:30-3:30 p.m.	MAB 109	The Electoral College: Love It or Leave It	Montalvo, Maria	\$35	10
C857	5/29	Fri. 1-3 p.m.	MAB 108	Four Helpful Google Apps	Schwarz, Kate	\$25	12
C851	6/1	Mon. 10 a.m.-12 p.m.	MAB 109	What a Security Breach Means to You	Boston, Brian	\$25	12
C873	6/3-6/10	2 Wed. 10 a.m.-12 p.m.	GWY 352	Politics and Foreign Policy: What's the Deal?	Meece, Roger	\$35	10
C965	6/3	Wed. 1-3 p.m.	GWY 352	Life in a Tropical Coral Reef	Behymer, Chelsea	\$25	12
C911	6/4	Thurs. 10 a.m.-12 p.m.	MAB 109	Women Painters of Washington	Martin, David	\$25	9
C927	6/4-6/11	2 Thurs. 1-3 p.m.	MAB 109	Opera Favorites and Opera Meets Hollywood	Miner, Erica	\$35	9
C853	6/11-6/18	2 Thurs. 10 a.m.-12 p.m.	MAB 109	Privacy and the Dark Web	Boston, Brian	\$35	12
C903	6/12	Fri. 10 a.m.-12 p.m.	MAB 109	Seattle Camera Club, 1924-1932	Martin, David	\$25	9
C893	6/12-6/19	2 Fri. 1-3 p.m.	MAB 109	Everything You Wanted to Know About the Flu	Kemp, Hilary	\$35	11

See page 27 for class locations and map.

SUMMER YOUTH CAMPS

Make the most out of summer with these playful yet educational courses!



EXCITE THE IMAGINATION! ENGAGE THE MIND! CREATE ENTIRE WORLDS!

Early bird pricing now through March 31.

ART

DRAWING DISCOVERY!

As the foundation of the visual arts, drawing skills strengthen your ability to express your creativity, and anyone can learn! We'll show you techniques to draw realistically using line and contour, shape and form, light and shadow, space and depth, proportion and perspective along with the principles of composition. Be prepared to have fun! All levels welcome.

Item: C220 \$225 (Early Bird Price: \$195) Valdez, Juan Carlos
 Mon.-Fri., 8/3-8/7 1-4 p.m. Ages 11-16

FUN WITH PHOTOGRAPHY!

Do you love taking pictures? Join like-minded friends and learn more about your camera and how to get the most out of it to improve your photos. Explore the principles of composing a great photograph. All you need is a digital camera (any kind will do) and a love for photography.

Item: C222 \$225 (Early Bird Price: \$195) Saber, Leslie
 Mon.-Fri., 7/27-7/31 9 a.m.-12 p.m. Ages 11-16

FEATURED CLASS



WORLD OF WATERCOLOR

Explore the world of watercolor! Each day brings a new theme and technique. Choose your animal one day, a person's face another day, crashing ocean waves at the beach another, and a big tree full of light and color on another. Build a portfolio of watercolor techniques as you go. This will be a fun relaxed class for all levels of artistic ability. Supplies included.

Item: C224 \$225 (Early Bird Price: \$195) Valdez, Juan Carlos
 Mon.-Fri., 8/3-8/7 9 a.m.-12 p.m. Ages 11-16

COMPUTER/TECHNOLOGY

BATTLE ROYALE: MAKE YOUR FIRST FORTNITE® STYLE VIDEO GAME

Fans of Fortnite needed! Instead of playing the game, design your own. Using a professional 3D game development software, build levels and assets inspired by games like Fortnite®. This course includes cartoonish action and battle sequences. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in pairs or teams.

Item: C208 \$225 (Early Bird Price: \$195) TBD
 Mon.-Fri., 7/27-7/31 9 a.m.-12 p.m. Ages 8-11
 Item: C209 \$225 (Early Bird Price: \$195) TBD
 Mon.-Fri., 7/27-7/31 1-4 p.m. Ages 11-15

eSPORTS APPRENTICE - STREAMERS AND GAMERS

Develop game-play skills and compete using Black Rocket's eSports games and apps, learn how to produce commentary for live tournaments, use professional software, and most importantly practice online safety. Student recordings will be available on a password protected site to share. Videos will not be broadcast publicly but will be shared with all students in the class.

Item: C210 \$225 (Early Bird Price: \$195) TBD
 Mon.-Fri., 8/3-8/7 1-4 p.m. Ages 11-15

MINECRAFT® DESIGNERS

If you love Minecraft® and want to design your own world, this class is for you! Learn how to create a custom map, the basics of creating 3D models using a new software to design your very own objects, how to build with Redstone and Command blocks, and create custom textures for you to import at home or share with friends.

Item: C200 \$225 (Early Bird Price: \$195) Sharma, Nikita
 Mon.-Fri., 7/13-7/17 9 a.m.-12 p.m. Ages 8-11



INSTRUCTOR SPOTLIGHT

NIKITA SHARMA

Nikita is a highly motivated, bilingual software engineer and fun-loving teacher with more than six years of experience in financial, banking, and software industries as well as after-school enrichment centers and community college.

After four years of industrial experience with Saint-Gobain, TCS, and SS&C GlobeOp, she returned to her greatest passion – teaching. For Nikita, there is nothing more rewarding than seeing kids excited about computers and technology. She has worked with DaVinci Academy as a Python, math, and Creative Hop (Zumba and jump rope) instructor for two years and conducted technical camps like Python, Roblox, Minecraft, and Codebreakers (HTML, CSS, JavaScript) at Edmonds CC last summer.



FEATURED CLASS

MINECRAFT® REDSTONE ENGINEERS

Take the next step from playing Minecraft® to becoming a Redstone engineer. Expand your knowledge by constructing a carnival with attractions powered by Redstone. Activate your skills and take your structures to the next level. Students must own a Java version of Minecraft® to access their projects at home; other versions are not compatible. Students will work in pairs or teams.

Item: C202 \$225 (Early Bird Price: \$195) Sharma, Nikita
 Mon.-Fri., 7/20-7/24 9 a.m.-12 p.m. Ages 8-11
 Item: C204 \$225 (Early Bird Price: \$195) Sharma, Nikita
 Mon.-Fri., 7/20-7/24 1-4 p.m. Ages 11-15

PYTHON PROGRAMMERS: MAKE YOUR OWN MULTIPLAYER GAME

Want to learn the world's fastest growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create apps and games. Each lesson takes you on a path that will let you challenge friends with content you create. Students will work in pairs or teams. Returning students can create more advanced projects.

Item: C203 \$225 (Early Bird Price: \$195) Sharma, Nikita
 Mon.-Fri., 7/13-7/17 1-4 p.m. Ages 11-15

ROBLOX® MAKERS

Unlock the power of ROBLOX® Studio, the world creation tool used by real-world ROBLOX® developers. Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design.

Item: C206 \$225 (Early Bird Price: \$195) Sharma, Nikita
 Mon.-Fri., 8/3-8/7 9 a.m.-12 p.m. Ages 8-11

ROCKET CAMP

ROCKET CAMP (FULL DAY)

Future scientists and engineers will have the opportunity to explore rocketry! Student trainees will gain learning experiences that help make scientific careers something they can envision in their lives. They will realize that they have the potential to make a contribution to this field and ignite their curiosity to see what they might create during the program. Students should bring a sack lunch.

Item: C232 \$525 (Early Bird Price: \$455) Hamp, Will
 Mon.-Fri., 7/20-7/24 9 a.m.-4 p.m. Ages 10-15

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edcc.edu/comed | communityeducation@edcc.edu

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All the tools, training, and community you need to turn your thoughts into things.

TRAINING: FASTER THAN EVER

ORIENTATIONS | WANT TO PICK UP A BRAND-NEW SKILL SET?

Whether you're jumping into something new or getting a refresher on a skill set you haven't practiced for a while, our \$50 two-hour orientations are designed to get you safely operating equipment as quickly as possible with small class sizes and a regular schedule rotation. Orientations available for the following equipment:

- 3D printers
- CNC router
- Composites lab
- Introduction to CAD
- Laser cutters
- Manual lathe
- Manual mills
- Mig welder
- Motorcycle maintenance
- Woodshop
- Wood lathe

facilitymade.com/training

CHECKOUTS | ALREADY MASTERED A PARTICULAR TOOL OR AREA?

Schedule a Checkout and get right to work. A brief orientation to our specific shop safety requirements and an opportunity to demonstrate what you know, our Safety and Basic Use (SBU) Checkouts are complementary for members and available at no charge if you've booked a Tool Reservation or Cover Charge.

PERSONAL TRAINING | LOOKING FOR FLEXIBILITY AND PERSONAL ATTENTION?

For the kind of one-on-one experience not available through group classes, our Personal Training sets up instructors and programming to fit your particular needs, and progresses at your own pace, with checkouts completed as you move forward.

INTENSIVES | TIME TO DIG DEEPER?

Orientations and Checkouts are vetting classes designed to give you just what you need to work safely in the Makerspace. Our Intensives provide a wide variety of options to push yourself forward, from two-hour Introduction classes that focus on the theory behind specific tools, to hands-on Workshops that can run anywhere from two hours to six weeks or more.

HOURS

- 5-9 p.m. Monday-Thursday
- 10 a.m.-4 p.m. The second Saturday of every month

TOOLS AND WORKSPACE



RAPID PROTO LAB

Two ULS laser cutters, three NextEngine 3D scanners, two Form 2 3D printers, four TAZ 6 3D printers, and a uPrint 3D printer

COMPOSITES LAB

10 vacuum bagging stations, filament winder, curing oven, three vacuum molding units, and a rotational molder

WOODSHOP

CNC router, table saw, compound miter saw, bandsaw, wood lathe, router table, drill presses, jig saw, sanding and shaping, and various hand tools

METAL SHOP

Drill presses, metal bandsaw, horizontal bandsaw, shear, brake, bench grinder, angle grinders, deburring tank, waterjet cutter, and hand tools

MACHINE TECH

CNC knee mill, manual mill, engine lathe, and a HAAS machining center

DESIGN STUDIO

Six computer stations with software: Fusion 360, V-Carve, Rhino, Solidworks, Mastercam, Microsoft Office, and Solitaire



FLEX SPACE

MIG welding rigs, fabrication tables, kilns, large format workspace, garage door access, class and demo area

THE FACILITY MAKERSPACE

NEW! ENTREPRENEURSHIP HUB

On Wednesday, March 18, Edmonds CC will introduce its new **Center for Innovation and Entrepreneurship** with **PRIMER**, a series of classes on entrepreneurship and small business essentials from the perspective of experienced business people in South Snohomish and North King counties.

PRIMER is designed to be responsive to your needs as local entrepreneurs and wantrepreneurs.

Are you an entrepreneur or wantrepreneur? We want to hear from you! The **Center for Innovation and Entrepreneurship** is designed to be responsive to your real-time needs and our **PRIMER** series will evolve each cycle to keep you moving forward.

Let us know what's standing in the way of you starting a business. We're here to dig into these topics with you and help you get your business ideas out into the world.

Contact David Voetmann | david.voetmann@edcc.edu
edcc.edu/startup



PYGYM KAYAK BUILD

Have you ever dreamed of building your own kayak? Jump in with us this spring break and build your next adventure.

Join local master builder Casey Wilkinson as he guides you every step of the way from kit parts to car top in just six days.

This spring, in collaboration with Pygmy Kayaks and Fiberglass Supply, The Facility Makerspace is hosting a one week hands-on kayak build. Between Monday morning and Saturday afternoon you will complete all the major assembly of your boat. You can pick up your boat and drive away on Sunday.

This interactive experience gets you up to speed on all the equipment, materials, and pro-grade techniques you'll need to produce professional results and all the skills you'll need to complete final setup on your own. No previous experience required.

To get started:

- Register for this class at facilitymade.com/product/kayak-building-workshop
- Then go to pygmyboats.com and pick out one of their award-winning single seat kayak kits.

Questions: Contact Pygmy Boats at 360.385.6143, or visit their showroom in Port Townsend. Trained staff will discuss your needs and help determine the perfect kit for your body size, skill, and outdoor adventure style.

\$800 + cost of kit | Mon.-Sat., 3/23-3/28, 9 a.m.-5:30 p.m.
Final pickup on Sunday, March 29.



INSTRUCTOR SPOTLIGHT

CASEY WILKINSON

Casey started Edmonds-based Kea Kayaks in 2006, just a few months after finishing construction of his first kayak. He had such a great time working on the stitch and glue project that he decided to offer his services as

a builder of custom kayaks. Along the way, Casey started leading boat building workshops, and now, 13 years and a long row of boats later, Kea Kayaks is still going strong.

COURSES



BUILD IT NOW

Do you have a fantastic product idea, but don't know how to get started? Knowing how to overcome this initial inertia is the hardest part. The NW Innovation Resource Center's (NWIRC) Build It NOW course is designed to help inventors like you with winning product ideas get traction in the marketplace.

In collaboration with the NWIRC, The Facility Makerspace presents a step-by-step process to take your ideas to market. You'll learn to jump start your product from idea to prototype faster than you ever thought possible. No previous experience required.

Join Lara Merriam-Smith, a local innovation ecosystem catalyst with experience taking her own product to market, and David Voetmann, an industrial designer who runs our local 11,000-square-foot innovation sandbox, as they guide every step of the way from recognizing great ideas to getting your products sold.

Register at: nwirc.com/builditnow

\$149 | 6 Sat., 2/22-3/28

THE FACILITY MAKERSPACE

Monroe Hall, 6606 196th St. SW, Lynnwood, WA 98036
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- Hospitality
- Information Technology
- Language
- Legal
- Teacher Professional Development
- Writing

Contact: Shelia Dersham | 425.640.1840



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- Professional Development
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- Technology Skills
- Training and Education
- Training for K12 Teachers

ce.edcc.edu/ugotclass



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WASHINGTON AEROSPACE TRAINING AND RESEARCH (WATR) CENTER

More than 2,000 graduates of the WATR Center are now working in aerospace and manufacturing.

Free tour every Monday at noon.
No RSVP required.

12 WEEKS TO A CAREER

Individuals seeking careers in manufacturing and aerospace find success at the WATR Center. Graduates leave the program with the training – Core Certificate and Specialty Certificate credentials – to be competitive job candidates in the fast-growing aerospace manufacturing industry. Students will complete seven to eight weeks online and three to four weeks in the classroom.

Financial aid is available to those who qualify.

CORE CERTIFICATE

AEROSPACE MANUFACTURING CORE CERTIFICATE

9 credits | \$2,500

Prerequisite for Specialty Certificates

This requisite class introduces students to the basics of aerospace, including aircraft familiarization, an overview of aviation history, hand and power tool use, reading engineering drawings, and safety procedures.

SPECIALTY CERTIFICATES

AEROSPACE COMPOSITE TECHNICIAN

19 credits | \$3,200

Synthetic materials such as carbon fiber and fiberglass are vital in the construction of aircraft. Students will learn how to produce these composite materials, operate ovens and autoclaves, as well as identify and repair damage.

AEROSPACE ELECTRICAL ASSEMBLY

16 credits | \$3,200

Students will learn how to assemble, install, and troubleshoot the thousands of electrical components necessary to an aircraft's operation, including wire bundles, circuit boards, and soldering.

CUSTOMIZED TRAINING

The WATR Center has experience working with companies to develop and deliver training that protects proprietary information and gives employees the skills to improve your organization's bottom line. Benefits include:

- Short-term skills training
- Keeps pace with aerospace and manufacturing
- Flexible delivery methods
- Train onsite at WATR or your business

Contact: Larry Cluphf, Business Training Center and WATR Center executive director | 425.640.1840 | larry.cluphf@edcc.edu

WASHINGTON AEROSPACE TRAINING AND RESEARCH (WATR) CENTER

3008 100th St. SW, Everett, WA 98204 | 425.640.1840
ce.edcc.edu/watrcenter | watr@edcc.edu

AEROSPACE MANUFACTURING ASSEMBLY MECHANIC

18.5 credits | \$3,200

This program teaches the skills necessary for working with the metal components of an airplane, including drilling and riveting sheet metal. Students will learn the skills and tools needed to assemble the basic structure of an airplane.

AEROSPACE QUALITY ASSURANCE

16.5 credits | \$3,200

Advanced Certificate: Must have CORE + advanced aerospace experience, or CORE + any specialty certificate

Quality inspectors are responsible for ensuring that all parts of the aircraft meet standards and allow the plane to operate safely. QA students will learn a broad range of knowledge in electrical, tooling, composites, and assembly to ensure that all parts of the aircraft are functional and meet safety standards.

AEROSPACE TOOLING MECHANIC

17 credits | \$3,200

This program teaches the skills and precise attention to detail necessary to correctly measure and assemble tools used to build airplanes.



INSTRUCTOR SPOTLIGHT

NETTI COLLINS

Netti has more than 13 years of experience in the aerospace industry and has facilitated classes at the WATR Center for eight years. She's taught assembly mechanics, electricians, tool makers, quality assurance, and composite

technicians. Netti enjoys helping students achieve careers in the aerospace industry and leading "Cool Girls in Aerospace," a summer program for local junior high girls to explore aerospace and manufacturing careers.



EDMONDS COMMUNITY COLLEGE
WASHINGTON AEROSPACE
TRAINING & RESEARCH CENTER

BUSINESS TRAINING CENTER

The Business Training Center provides industry partners and their employees with training tailored to its needs and performance expectations.

Classes offered year round.

TRAINING FOR INDUSTRY

Enhance your skills close to home and work. Learn the high-tech skills needed for today's aerospace manufacturing industry. Courses at the Business Training Center integrate engineering disciplines with strong technological understanding. We're proud to serve our industry partners, including The Boeing Company, and welcome all fields.

ADVANCED AEROSPACE TRAINING

ADVANCED COMPOSITES

- Advanced Composites | Design, Manufacture, and Engineering
- Applied Composites
- Rigid Composite Structures

GENERAL INDUSTRY SKILLS

- Modern Metal Fabrication

DRONE TECHNOLOGY

- Industrial UAV Systems
- UAV Maintenance and Repair
- Aerial Heavy-Lift Service Platform
- UAV/UAS Certification – CFR14 Part 107 and Others
- Autonomous sUAS

3D ENGINEERING DESIGN SERIES

- 3D Design and Machining – Fusion 360
- CATIA 3DX/V5 Part Design (March 2020)
- CATIA 3DX/V5 Surface Design (Coming soon)
- CAD Hardware Systems Design – PC Building

ROBOTIC AUTOMATION/MECHATRONICS

- Introduction to Robotic Automation
- Production Electronics
- Mechanical Automation Systems Engineering
- Additive Manufacturing Systems

DESIGN TEAM

- NEW Advanced Additive Manufacturing – CoreXY
- Personal Electric Vehicle Technology
- Off-Road Electric Longboard
- Street Electric Longboard
- Subtractive Manufacturing Laser Technology
- Aerial Heavy-Lift Service Platform
- Winged Unmanned Aircraft Design



Build a drone in "Winged Unmanned Aircraft Design."

CERTIFICATION AND LICENSING

REAL ESTATE PRE-LICENSING

90 clock hours, satisfies Washington State's Fundamentals Pre-Licensing education requirements

FLAGGING

Certificate valid for three years in Washington, Oregon, Idaho, and Montana

Contact: Shelia Dersham, WATR Center associate director | 425.640.1840



INSTRUCTOR SPOTLIGHT

DYLAN GOEBEL

Dylan has been an instructor at the Business Training Center for seven years. For the past few years, his focus has been teaching courses on additive manufacturing, which he said is a fascinating field to watch grow and evolve.

"It's been an incredibly rewarding experience helping students to expand their skill set and keep pace with the latest developments in manufacturing technology."

BUSINESS TRAINING CENTER

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AVIATION FUNDAMENTALS

An exploration of the fundamentals of aviation. Principles of flight, aircraft systems, aircraft structures, control surfaces and potential aerospace careers will be covered. Requires the ability to read and communicate in English and the ability to use a computer and the internet.

Course: ETEC 125 (online) 2.0 credits

CREATIVE ACTIVITIES

Provides an overview of the practice of several widely accepted nonverbal creative activities, therapeutic benefits, and applications in human services and health care settings. Includes development of individual and group activities to support consumer goals.

Course: SHS 151 3.0 credits

CHILDHOOD DEVELOPMENT

Build foundation for explaining how children develop in all domains, prenatal through early adolescence. Explore developmental theories, methods for documenting growth, and impact of brain development.

Course: EDUC& 115 5.0 credits

EXCEL®/SPREADSHEET

Basic and intermediate spreadsheet functions using Microsoft Excel®. Opportunity to earn Microsoft Office Specialist Certification included in coursework.

Course: BSTEC 224 5.0 credits

HUMAN RELATIONS IN AN ORGANIZATION

Successful organizations maximize human potential to meet organizational goals and objectives. Focus on leadership, team building, interpersonal skills and applying principles of organizational behavior to today's changing and diverse workplace.

Course: MGMT 100 5.0 credits

INTRODUCTION TO COMPUTER ANIMATION

Introduces some basic techniques and tools of computer animation and sound production. Students develop their own unique computer character sprites, and create a short computer animation with accompanying sound and music.

Course: CS 102 5.0 credits

INTRODUCTION TO DISABLING CONDITIONS

Reviews major disabling conditions. Explores how disabilities affect psychosocial development. Discusses functional limitations and appropriate community resources. Basic medical terminology is reviewed.

Course: SHS 145 3.0 credits



INTRODUCTION TO EARLY CHILDHOOD EDUCATION

Explore the foundations of early childhood education. Examine theories defining the field, issues and trends, best practices, and program models. Observe children, professionals, and programs in action. S/U grade option.

Course: ECED& 105 5.0 credits

LEGAL SEMINARS: CRIME AND PUBLIC POLICY

An examination of how laws are influenced by fear, folklore, and greed. We look at how fear, myth, and ideology impact law making process, and also how the media amplifies the worst of these fears. This course will focus primarily on criminal law, but will also discuss other areas, including voting rights laws and tax policy.

Course: LEGAL 296 1.0 credits

PEST MANAGEMENT PROGRAMMING

Master the basic tenets of pest management program development, materials safety, and proper use of equipment. College-level reading, writing, and math skills are needed for this course.

Course: HORT 110 2.0 credits

PRINCIPLES OF MARKETING

Learn the fundamental skills marketers need. Students learn to analyze marketing opportunities, develop strategy, and create an integrated marketing mix, including pricing, advertising, promotions, distribution, and product development.

Course: MGMT 130 5.0 credits

PROJECT MANAGEMENT I

Learn the basics of working in a project team. Students create plans that identify project scope, constraints, stakeholders, and risks, then explore customer needs and requirements. Includes an introduction to scheduling. Team and communication skills strongly emphasized. Prerequisite: Recommend placement into ENGL 099.

Course: MGMT 270 5.0 credits



PROJECT MANAGEMENT II

Course focuses on tools to plan, monitor and control project schedules, manage resources, budgets and specifications. Students develop projects using PM tools including WBS, Gantt charts and network diagrams. Project risk will also be addressed. Prerequisite: MGMT 270 recommended.

Course: MGMT 271 5.0 credits

SMALL BUSINESS MANAGEMENT AND ENTREPRENEURSHIP

Designed to give students who are interested in entrepreneurship the exposure to a wide range of subjects essential to the formation, operation, and success of a small business. Business planning is an integral part of the class.

Course: MGMT 260 5.0 credits

SCIENCE FOR EARLY CHILDHOOD EDUCATION

Focuses on strengthening knowledge of life and physical sciences that build a foundation for young children's understanding of science. Students actively learn strategies that encourage inquiry and problem-solving in teaching science at the early childhood level.

Course: ECED& 130 3.0 credits

SPECIAL TOPICS: HEALTH CARE LAW

Specialized courses on current issues in the legal field. Each class will have its own course syllabus and outline. Decimal or S/U grade option depending on the course.

Course: LEGAL 255 Maximum of 5 credits possible

UNDERSTANDING SCHOOL SYSTEMS

Gain knowledge of the public school system, including school structures, services, and operations, as well as parent rights and responsibilities. Emphasis given to developing skills to support the family's understanding of school services and to promote family participation in their children's education. S/U grade option.

Course: FSS 128 2.0 credits

WESTERN WASHINGTON ECOLOGY W/LAB

Biology for non-science majors! Explore the ecology of different marine ecosystems and human impacts on them, and learn about common marine inhabitants of the Pacific Northwest. Labs include field trips to local beaches; some labs may be replaced by a field trip to a marine lab and/or research vessel. Prerequisite: Placement in both ENGL& 101 and MATH 087.

Course: BIO 105 5.0 credits

EDMONDS COMMUNITY COLLEGE

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