

# ANACORTES SENIOR COLLEGE

## *Schedule of Courses*

6 Week Courses Unless Noted

### Winter 2021-22

Tuesday January 11, 2022 – Thursday February 17, 2022

*Classes meet on Tuesdays or Thursday afternoons, 4:00-6:00pm*

Anacortes Middle School  
M Ave. & 22nd St.

**Online Registration opens Monday, December 13 at 10am.**

Online registration is encouraged.

If you have difficulty registering online, we will be available at the Anacortes Senior Center on Monday December 13 from 10am-noon to help you register.

Please see our website for additional registration options.

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

Email: [info@seniorcollege.org](mailto:info@seniorcollege.org)

Phone: 360-503-1255

# ***TUESDAY AFTERNOONS***

## **Memoir Writing**

**Class size limited to 10 students.**

Your life is unique. You can find meaning in your life from writing your story and sharing it in confidence with others who are writing theirs. Learn about writing tools and memory prompts to help you prime the pump. People who think they can't write will be surprised at how well they actually do, because they write about material that means so much to them.

*Instructor: **Teru Lundsten***

Teru began writing seriously in her thirties, in a class much like this. She belonged to an autobiographical writing group for 17 years, but also wrote in other genres, eventually becoming a journalist. She found her calling writing profiles of many different people, which led her to become a personal historian. For several years she helped people preserve their life stories by writing personal history books in the narrator's voice, and served as the WA chapter chair of the Association of Personal Historians. She has taught memoir-writing at several venues in Anacortes, mostly at the ASC, and is now editing her own early memoirs.

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## **Exploring Washington's Geology**

A survey of the geologic processes and their effects on the landscapes from the Rocky Mountains of northeastern Washington to the Cascade and Coast Ranges. Plate Tectonics, volcanism, massive ice-age floods, and glaciers have made deep changes to our state's landscapes.

*Instructor: **Dr. Gene Kiver***

Gene Kiver graduated from Case-Western Reserve University in Cleveland, Ohio and later from the University of Wyoming in Laramie where he received his Doctorate in Geology. He taught Geology for 34 years at Eastern Washington University in Cheney and conducted an active research career that emphasized landforms and surface processes. Glacial geology of the western United States, geothermal ice caves on Mts. Rainier and Baker, national park geology, speleology, and the Missoula Floods are his main professional interests. Research and volunteer activity with the Ice Age Floods Institute continues today. He has co-authored two recent books, "On the Trail of The Ice Age Floods" and "Washington Rocks!" "Washington Rocks!" is written for the non-geologist interested in learning about some of the amazing geologic sites in the State of Washington.

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## **Bugs, Bugs, Bugs and Other Insects**

Insects are the largest group of animals on earth as there are over a million types of them. This means that 80% of all animal species on earth are insects. It is the purpose of this course to familiarize you with these animals which are all around us. Insects belong to the Phylum called the Arthropoda which cause enormous problems to our forests, farms and gardens as well as to our animals, and to our health. You will even discover how to identify some of them i.e., learn the characteristics of four or five Orders, but above all, you will appreciate the role of insects in maintaining natural ecosystems and how they interact with us in the urban environments.

*Instructor: **Robert Gara, Ph.D. (Professor Emeritus, Univ. of Washington)***

Bob earned a BS in Forest Management at Utah State University. He later worked in East Texas as a forest manager for Kirby Lumber Co. His M.S. and Ph.D. degrees in Entomology are from Oregon State University. He directed a research lab for the Boyce Thompson Institute for Plant Research in Texas, taught forest entomology at the State College of Forestry at Syracuse University, was a Fulbright Scholar in Chile, Venezuela & Ecuador, and, in 1968, came to the College of Forest Resources at the University of Washington. He retired to Anacortes in 2006.

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# ***THURSDAY AFTERNOONS***

## **The Evolution of Our Solar System**

This is the second course of a four course science series entitled "The Evolution of Existence" It is intended to provide an appreciation for the accomplishments of science and its never ending quest to solve the mysteries of existence. No prior science or math background is assumed. The only prerequisite is an open mind. Each course is stand-alone and can be taken out of sequence.

This course begins 4.5 billion years ago, when gravity collapsed a molecular cloud of dust and gas forming a cluster of protostars, including our future Sun and the material, which would form the planets. I will discuss our star, the Sun and each of our Solar System's three types of planets; the terrestrial planets Mercury, Venus, Earth, and Mars; the gas giants Jupiter and Saturn; and the ice giants, Uranus and Neptune. Additionally, I will also discuss our Solar System's Asteroid belt between Mars and Jupiter, the Kuiper belt beyond Neptune, and the distant Oort Cloud extending to the edge of our sun's gravitational dominance. The last third of the course will deal with our home, Earth; its creation, evolution and death.

### ***Instructor: Barrie Hughlock PhD***

I received a BA in physics at UC Berkeley and a PhD in physics at Brown University, with a thesis on neutrino-electron physics. I spent my career in aerospace. First, at Grumman, in the Nuclear Physics Group, where I collaborated with NASA on the calibration of the Energetic Gamma Ray Experiment Telescope, one of the four instruments contained in the Compton Gamma Ray Observatory. Finally, at Boeing as an Associate Technical Fellow specializing in space and atmospheric radiation effects on satellite and airplane systems. I have taught physics courses at North Seattle Community College, at Bellevue College's continuing education department and at the Anacortes Senior College in which courses are designed for the interests of retirees. I take great pleasure in teaching about the wonders and power of science and technology and advocating for science research to address the global needs of society.

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## **Three Good Movies: Cooking and Eating**

We will watch three good movies about cooking and eating: Julie and Julia (2009), two women live in different eras in New York and Paris; Big Night (1996), two brothers from Italy start a restaurant in New Jersey in the 50s; and, Babette's Feast (1987, subtitles), a mysterious woman arrives in a coastal Danish village in the 19th century to work as a maid and a cook. In weeks #1, #3, and #5, we will screen the films. In weeks #2, #4, and #6, we will review and discuss the movies. Please note: week #1 likely will run about 15 minutes over, but all other classes should be on schedule.

*Instructor: **Mark Lundsten***

Mark received a BA in English and then spent many years working as a commercial halibut fisherman in Alaska, during which time he made his first movie. Since retiring from fishing, he has made a few more. His short film The Bath played in many film festivals and won a number of awards. For a few years, Mark also conducted the Second Sunday Film Series in Anacortes. He has been paying more attention to cooking and eating since Covid began.

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## **MATH: "PHUN" 'n "PHROLIC"**

In six sessions we guarantee to turn your math "PHEAR" into math "PHUN". We will cover everything from counting on your fingers to calculus. You will end up wondering why you thought math was so frightening and why didn't they teach us this stuff in school!!

*Instructor: **Jerome Chandler***

Jerome earned his M.S. in Physics from Notre Dame. He was a Hall of Fame teacher of physics, math, and oceanography at Skagit Valley College for 25 years. Prior to that he taught at secondary schools in the Midwest and West Africa for 20 years. He was active in theater at ACT, TAG, SCAT and SVC. His hobbies of woodworking and quilting keep him out of his wife, Celia's, hair. They have two grown children and two growing grandboys.

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## **The Tankers of Puget Sound (3 weeks: Thursdays Feb. 3, 10 and 17, 2022)**

This brief course will involve exploring the mighty tankers that come and go every day around our enchanted island. Types, sizes, structure, crew, and missions will be explained by one who knows these great vessels intimately.

*Instructor: **Captain Sol Kohlhaas, USCG licensed Master***

Sol has sailed on a variety of oil tankers on the U.S. East, West and Gulf coasts. He also managed tank ships and articulated tug barges (ATBs) for OSG out of their headquarters in Tampa, FL. Sol is currently the Port Captain for Marathon (formerly Tesoro) here in Anacortes where he ensures all vessels working on the Salish Sea contracted by Marathon operate as safely and with as little impact on the environment as possible.

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