

**FALL 2021 CLASSES**  
**INSTITUTE FOR LEARNING IN RETIREMENT**

***Exciting Interactive Courses for Curious People at SaddleBrooke***

**21-301 THE LAST OF THE GREAT COMPOSERS OF ROMANTIC ERA SYMPHONIES**

Punch Howarth, Mondays, 2 to 4 pm  
Sonoran Room: September 13, 20, 27, October 4, 11, 18

This six-week course will focus on the last of the late nineteenth century-early twentieth century Romantic era composers of symphonies. The class will include the two symphonies of Gustav Mahler (#6 and #7) which were eliminated in the Winter 2020 class due to the coronavirus cancellation. In addition to Mahler, the class will cover works of Sibelius, Dvorak, Prokofiev, and Shostakovich. The works usually adhere to the four-movement structure with strict sonata form for the first movement. The five featured composers are acknowledged masters of the modern romantic symphony. Four of the composers were very nationalistic, and the other saw himself as beyond this world. Classes are informal and no prior music training is necessary.

**21-302 CHINA AND AMERICA: FACING NEW POLITICAL AND DIPLOMATIC CHALLENGES (UPDATED REPEAT)**

Boyd Bosma, Tuesdays, 10 am to 12 noon  
Sonoran/Catalina Room: September 14, 21, 28, October 5, 12, 19  
(Class will be held in the Catalina Room on September 28 and October 12)

No international relationships today are more complex or important than the give-and-take between China and the United States. Rising from a position of economic distress little more than thirty years ago, China's economy has grown exponentially, allowing it to surpass the US on measures of national wealth and prosperity. Chinese leaders are now challenging our country for economic, military, and cyber dominance, not only in their own region, but across Asia, Africa, Europe, and around the world.

China's military is newly aggressive, and we are facing new challenges as the US seeks to keep trade routes open in the South China Sea and elsewhere. All this is complicated by our trade war and cyber competition with China. Our future will depend on the diplomatic skills of our own leaders. This course will focus on the history, economics, and political and diplomatic issues with China from ancient times to the present day, with a focus on understanding the people and government of China and our options for peace and cooperation, competition, or conflict.

### **21-303 FUN WITH GEOLOGY (UPDATED REPEAT)**

Karen Gray, Tuesdays, 2 to 4 pm

*Please note classes will be held in various rooms due to room scheduling issues.*

September 14: MV Ballroom West

September 21: Sonoran Room

September 28: Catalina Room

October 5: Sonoran Room

October 12: Catalina Room

October 19: MV Ballroom East

In this course you will learn how geologists look at the world around them. Have fun with hands-on activities, learn techniques to identify minerals and rocks and the environment in which they formed. Enjoy your walks, hikes, or travels more by understanding your environment and what you see.

### **21-304 THE END OF ROMANTICISM AND THE BIRTH OF MODERNISM: ENGLISH LITERATURE 1890'S – 1920'S**

Randy Greene, Wednesdays, 10 am-12 noon

Sonoran Room: September 15, 22, 29, October 6, 13, 20

The end of the 19th Century into the first decades of the 20th Century saw a profound shift in literature and the arts. Romanticism, which had dominated literature and music and, to a lesser degree, the visual arts in the 19th Century, was rejected by most writers and artists and transformed into a challenging response to many of the cultural, political, and scientific changes taking place. Virginia Woolf somewhat wittily wrote, "On or about December 1910 human character changed." Probably not, but the arts certainly did. After a survey of developments in 19th Century literature and music, this course will examine the writings of several major writers whose powerful works represent the new artistic landscape. We will discuss Ezra Pound and the rise of Imagism, World War One poets, Thomas Hardy, T.S. Eliot, William Butler Yeats, and Ernest Hemingway. We will also look at concurrent developments in music and the visual arts.

### **21-305 FAMOUS LAWYERS OF EARLY ARIZONA HISTORY (REPEAT)**

Gerry Miller, Mondays 10 am-12 noon

Sonoran Room: September 20, 27, October 4, 11, 18

Early Arizona has a history of famous lawmen. Some became effective and famous (like the Earp men and Doc Holiday). Others, such as Commodore Perry and Bob Paul, were also effective but never gained the notoriety of the Earps. This class identifies several individuals and one group (The Arizona Rangers) who enforced the law during the bygone era when Arizona was often a harsh and untamed land. You may not recognize any of them, but you will be impressed with their resourcefulness and bravery.

## **21-306 GEOGRAPHY OF AGE**

Gary Fuller, Fridays, 10 am-12 noon  
Cactus Room: October 8, 15, 22, 29, November 5

For generations, important thinkers have proposed what might be called "metatheories"-- broad ideas that explain trends in human history. Plato, Erasmus, and Thomas Moore, for example, developed ideas about ideal societies. Adam Smith wrote of the "invisible hand" of the market as controlling the wealth of nations, and Toynbee offered an historical structure that showed civilizations building on previous civilizations. This course will present the case for population age structures, literally the distribution of various age groups, as a major influence -- even a determining factor -- on the course of human history.

## **21-307 THE MAGIC OF YELLOWSTONE**

Louise Grabell, Thursdays, 10 am-12 noon  
HOA 1 Activity Center: October 14, 28, November 4, 11

Yellowstone National Park is one of nature's most magical places. The persistent calming mist and steam belies the truth of the prospect of violence welling up from deep beneath the Earth's surface. In fact, Yellowstone has already had a violent past which created the vistas we see today, including huge Lake Yellowstone. Not only is Yellowstone "alive" as a dynamic structural feature of the Earth, but also alive with flora and fauna that thrill every visitor and never disappoint. Old Faithful is one of many geysers and is a result of deep crustal conditions. Visiting Yellowstone is a must and information regarding how to do that best will be provided. Finally, a visit to Yellowstone is not complete without a visit to its neighbor--the Grand Tetons. Outrageously beautiful, the awesome Tetons have their own story, and this will be included in the Yellowstone saga.

## **21-308 AMERICA'S INTERNATIONAL POLITICAL CHALLENGES**

Mark Schwartz, Mondays, 2 to 4 pm  
Sonoran Room: October 25, November 1, 8, 15, 22, 29

This course examines critical Asian nations and issues where America must make & execute key foreign policy decisions. The challenges in our foreign relations — some currently at elevated tensions — will: (1) set our international posture for years to come, and (2) determine America's future level of influence in Asia and other international regions. The selected nations/regions and issues that challenge us will affect our ability to influence world events and exert our policies. Notions of Pax Americana will be explored, along with US political goals and our ability to be politically dominant. Specific course segments include:

1. India Changes Course
2. Two Koreas
3. Conflict in the South China Sea
4. Turkey & Erdogan - Face East or West
5. Pax Americana: How Real? How Effective? How Enduring?
6. Defense Spending, Endless Wars, and the US Taxpayer
7. Theater Intermediate Nuclear Force Treaty - Why is it failing?

## **21-309 RODGERS AND HART: CREATORS OF ENDURING BROADWAY AND HOLLYWOOD STANDARDS**

Gail Nelli, Wednesdays, 10 am-12 noon

Sonoran Room: October 27, November 3, 10, 17, December 1

In this course we will explore the catchy musical melodies and cheeky, sophisticated lyrics of Richard Rodgers and Lorenz Hart as they collaborated on Broadway productions and Hollywood films. Though over time their partnership became strained, they produced many enduring standards of *The Great American Songbook*. This course will cover their contrasting backgrounds and personalities in a partnership that eventually ended.

## **21-310 WATER SUPPLY IN THE AMERICAN SOUTHWEST (UPDATED REPEAT)**

Bruce Hale, Thursdays, 10 am-12 noon

Cactus Room: October 28, November 4, 11, 18, December 2, 9

As with oxygen and food, water is necessary for life on earth. Human societies rely upon water for a wide variety of uses beyond this basic necessity. This course begins by describing water sources within the broader scope of natural resources, and different types and needs of water users. Bridging the gap between water resources and water users, water suppliers navigate a landscape of forces that shape diverse delivery approaches. This class is intended to increase students' understanding of these forces: water policy; laws and regulations; water resource availability; user requirements; financing, construction and operation of water infrastructure; managing water quality and treatment; politics and public perception; applying technology and staffing a tech-savvy and service-oriented workforce; energy usage; water conservation impacts; and managing for reliability--to name a few. Emphasis will be placed upon the unique issues facing water suppliers in the American Southwest and provide some history behind the regional water supply landscape. Current events in the world of water supply and class discussion will be a large component of each session. An understanding of how our water supply works is a valuable asset for informed Arizona citizens.

## **21-311 AMERICA THE BEAUTIFUL**

Aaron Schoenberg, Thursdays, 2-4 pm

Catalina Room: October 28, November 4, 11, 18, December 2, 9

This course will take classmates on a tour of hiking trails and scenic areas across America from sea to shining sea. We will explore the mountains I grew up loving in the Northeast, hiking in our National Parks, visiting state parks and national forests around our country, hiking along our oldest long-distance trail in America and following the longest hiking trail in the US, climbing many different states' highest peaks and points, and lastly taking a tour of some of the beautiful places we can hike around here locally. I welcome all classmates to offer to add their photos to the collection being shown and to talk about their outdoor experiences. Let us wipe off the dust on all our old vacation photos and share our experiences with one another.

## **21-312 THE QUANTUM UNIVERSE – FROM QUARKS TO QUASARS**

Lockwood Carlson, Mondays 10 am-12 noon  
Sonoran Room: November 1, 8, 15, 22, 29

Understanding quantum mechanics is how we can understand our natural world. In this course we will explore the principles of the quantum world and the applications that we use. The goal is to present the material accurately but also accessibly to those curious and willing to try to grasp the concepts. The quantum universe is not intuitive and usually not directly experienced, but the implications determine the behavior of the smallest particles to the cosmos at large. The applications affect us and our lives every day.

Topics covered: science and engineering applications including solar cells, nanotechnology, transistors, superconductivity, quantum computing, and more. We will show how quantum mechanics and quantum field theory explain the elementary particles that make up the universe (such as quarks and the Higgs boson), the cosmic 'big bang', how the sun gets its power, and more.

## **21-313 GREAT AMERICAN SHORT STORIES (REPEAT)**

Linda Griffin, Tuesdays, 10-12 noon  
Sonoran/Catalina Room: November 2, 9, 16, 23, 30  
(The class will be held in the Catalina Room on November 9)

The short story is a popular but underrated genre of literature. Within a few pages, however, a reader can be mesmerized by plot, drawn to characters, and feel emotions that one thought only possible from a great novel. In this five-week course, we will examine the artistry of the American short story and study examples from authors (like Poe, Twain, Fitzgerald, Crane, Wharton, etc.) who demonstrate this artistry.

TEXT: *Great American Short Stories from Hawthorne to Hemingway*, ed. By Corine Demas and available at either Barnes and Noble or Amazon.com.

## **21-314 FLAUBERT, MASTER FRENCH REALIST**

David Stegink, Fridays, 10-12 noon  
Cactus Room: November 12, 19, December 3, 10, 17

Gustave Flaubert, known for his vivid and brutal honesty, his precise and objective style, and his rich and complex character portrayals, will be studied to explore the elements of his art, thought, and work. We will read *Madame Bovary*, using the Norton Critical Edition, 2005, translated by Eleanor Aveling and Paul de Man. The class will be a mixture of lecture and discussion, with the overall goal to understand, assess and evaluate the nature and quality of Flaubert's writing. The class is asked to read pages 5-57 for the first session, pages 58-124 for the second session, pages 124-177 for the third session, pages 177-219 for the fourth session, and pages 219-275 (the end) for the fifth and final session. We will view, at each session, the appropriate partial segments of an exceptional BBC DVD production of the novel (1975, starring Francesca Annis).