

GREAT INEXPENSIVE CLASSES-INSTITUTE FOR LEARNING FALL 2019

19-301 RICHARD STRAUSS: LAST OF THE GERMAN ROMANTIC COMPOSERS

Punch Howarth, Mondays 10 am - 12 noon

Sonoran Room: September 16, 23 October 7, 14, 21, 28

This course is about the bifurcated career of Richard Strauss, the last German composer of the Romantic form of composition who did not compose symphonies. The two musical forms championed by Strauss are tone poems and opera. The first three classes will cover his major tone poems and a unique work for piano and orchestra. Three operas will be presented during the last three classes: *Elektra*, *Salome* and *Der Rosenkavalier*. During Strauss' career he also composed numerous lieder for soprano. He was noted for his use of a very large orchestra. Participants will get to hear and see some of the great orchestras in DVD form along with a few CD's. The works of Strauss are both difficult and very popular with audiences.

19-302 THE STORY BEHIND THE COMPLETION OF AMERICA'S FIRST NATIONAL PROJECT - THE TRANSCONTINENTAL RAILROAD (REPEAT)

Gerry Miller, Mondays 2 - 4 pm

Sonoran Room: September 16, 23 October 7, 14, 21

The building of the world's first transcontinental railroad (i.e. America's Transcontinental Railroad (TCRR)) was a vast, unprecedented feat of engineering. It was also a profoundly historic event in American history. When you consider that the first 13 miles of track in the U.S. were completed in August of 1830, the concept of building a railroad all the way across the United States just 39 years later seemed impossible to most Americans. But the Railroad Act of 1862 set the wheels in motion to do just that. This class will describe the political, economic, engineering, and special personnel (i.e. Chinese) involved in completing this approximately 2,000 mile railroad. When completed the TCRR introduced some major changes to the way of life in the U.S. including reducing travel time between the west coast and east coast from 3 months to 6 days, introducing time zones, creating a new class of American worker called the white collar class, and spurring new inventions such as stronger bridges.

19-303 PRE-HISTORY OF SOUTH AMERICA

Sharon Cotter, Tuesdays 10 am - 12 noon

Sonoran Room: September 17, 24 October 8, 15, 22

Many of us think we know a lot about the history of the world.... the rise of civilization in Mesopotamia, the Romans, the Greeks, the Chinese, early India; but that is only part of the story. South America has a history that goes back at least 10,000 years and perhaps as much as 30,000 years. It is not just Machu Picchu—one of the earliest civilizations developed at over 12,000 feet! The South Americans were not defeated by the Spanish Conquistadors but rather by the diseases that were brought to the new continent. There were over a million people in the Amazon when the first Spanish explorers arrived, but by the time the Conquistadors came, over 90 percent of the population had died from those diseases.

Some of the most amazing things participants will learn about this lost history is that while they didn't have a written language, the people of South America built some of the most beautiful cit-

ies in the ancient world. Their agricultural science was way ahead of most cultures up until the current era. The pottery and textiles produced were some of the best in the world. The architecture that was developed would withstand virtually any earthquake. There were over 24,800 miles of roads created in some of the most challenging mountains in the world. The earliest mummies in South America date to 5050 BC, 2000 years before the mummies in Egypt. This and many more amazing facts will be included in this fascinating course on the Pre-History of South America.

19-304 FUN WITH GEOLOGY: UNDERSTANDING YOUR PHYSICAL WORLD (UPDATED REPEAT)

Karen Gray, Tuesdays 2 - 4 pm

Sonoran Room: September 17 October 1, 8, 15, 22, 29

This course will engage students in hands-on activities and visual presentations that enhance their understanding of the geology they view when they walk outside. The class will start with learning about the history and development of geologic concepts and then move on to learning about the theory of plate tectonics. Participants will study and learn to identify rock-forming minerals and igneous, sedimentary and metamorphic rocks. Then plate tectonic theory will be used to understand the environment in which the rock-forming minerals were developed. The many different rocks participants see every day will now have a story to tell.

19-305 BIRD'S EYE HISTORY: INTRODUCTION TO THE AMERICAN PAST

Nell Brownell, Wednesdays 10 am - 12 noon

Sonoran Room: September 18, 25 October 2, 16, 23, 30

Ever wish you had paid more attention in school to American history? That is, until you remembered that your history class mostly consisted of memorized dates and multiple choice tests! Come join us for a “bird’s-eye” look at our American past in which broader patterns are emphasized, and we approach our national story through a variety of sources and viewpoints. Over six weeks we will consider the main social and political developments from the 1500s to today, including topics such as the encounter between indigenous and European peoples, the American Revolution, the role of immigration, the growth of capitalism, and the “American century” among many other key themes and ideas. Each session will include lecture, discussion, and a short video. No tests and no memorization required!

19-306 CONDUCTING EFFECTIVE MEETINGS

Chuck Stump, Thursdays 10 am - 12 noon

Cactus Room: September 19, 26 October 3, 10, 17, 24

Special groups, clubs, organizations, and committees—many Saddlebrooke residents are involved in one or more of these and frequently are either asked or volunteer to lead the activity. Without fail, meetings become an integral part of the activity, and the leader must assume responsibility for effectively conducting those meetings.

The Effective Meetings course offers the opportunity to learn how to lead a meeting and produce effective results. The course will look at how to set up and conduct a productive meeting. Insights into the main elements and characteristics of an effective meeting will be explored. This will encompass things such as determining and setting appropriate agendas and following a timeline for each agenda item, determining who should participate and/or contribute to the meeting, assigning responsibilities and follow up on tasks or projects, dealing with potential problems

that can disrupt a meeting, and managing the contributions of the various types of meeting participants.

19-307 BRITISH ROMANTIC POETS: BLAKE, WORDSWORTH, COLERIDGE, KEATS, SHELLEY, BYRON AND THE 'POETRY OF EXPERIENCE'

Randy Greene, Fridays 10 am - 12 noon

Cactus Room: September 20, 27 October 4, 11, 18, 25

Beginning in the 1790's, a small group of British poets radically changed the way poetry is written. Although we take many of these changes for granted today, at the time these poets were considered revolutionary. In this course students will examine the poetry of Blake, Wordsworth, Coleridge, Keats, Shelley, and Byron. The focus will be on both the subject matter of their poems and the style in which they wrote. Participants will look at the biographical, historical, cultural, scientific, and philosophical issues which informed their writing. Time will also be spent on visual and musical analogues, specifically the works of Constable and Turner and Beethoven and Berlioz. Finally, how their writings influenced the art of the 19th and 20th centuries will be explored.

In the first session, participants will discuss the 18th century background and what the poets were rebelling against. For the first class, students should read William Blake's "All Religions Are One," "There Is No Natural Religion [a&b]," "The Lamb," "The Tyger," and "The Marriage of Heaven and Hell." Subsequent readings will be distributed in the first class.

19-308 HUMOR AND CREATIVITY: SMILE YOUR WAY TO INNOVATIVE THINKING (REPEAT)

Marv Goldberg, Wednesday 7 - 9 pm

Sonoran Room: October 23

This presentation reviews a wide body of research that points to the value of humor in enhancing creative efforts both individually and in group situations. A major distinction in this research is the type of humor that is most effective in the short term vs. the longer term—for example, a brief issue with "writer's block" versus the difficulties in dealing with a complex ongoing problem. Insights gained from comedians, advertisers, improvisational actors and social psychologists are reviewed.

This is a free class, but participants must pre-register online before attending.

19-309 COLE PORTER: MASTER CRAFTSMAN OF THE POPULAR SONG ON BROADWAY AND IN MUSICAL FILMS

Gail Nelli, Thursdays 10 am - 12 noon

HOA1 Activity Center: October 24, 31 November 7, 14

Agate Room November 21

From his privileged childhood as the grandson of the wealthiest man in the state of Indiana to his eventual prominence as a songwriter, Cole Porter lived the high life of the upper social strata of both New York City and Paris. The popularity of his individual songs from both the Broadway stage shows and Hollywood films lasted far beyond the knowledge of the man himself. In our sessions participants will explore the family background and early musical influences that led him to become both a composer and lyricist of his songs. His sophisticated lyrics revealed a

smartness and cynicism that displayed the cultural, literary and geographical allusions of his well bred lifestyle.

19-310 EVERYTHING A CONCERNED ARIZONAN NEEDS TO KNOW ABOUT WATER QUALITY (UPDATED REPEAT)

Bruce Hale, Thursdays 10 am - 12 noon

Cactus Room: October 31 November 7, 14, 21 December 5, 12

Underlying concerns of whether there is enough water quantity to sustain the American Southwest, are fundamental questions about the quality of those water resources. This course tackles those questions and more.

What are the common water constituents whose presence or absence yields variations in water quality? What are the primary water uses and what quality specifications are pertinent to each? How is water tested, so that we know the facts about water quality and whether it meets use specifications? What regulations protect water quality, whether in the environment or our domestic/potable water supplies? How is water treated, on a small scale or a large scale, to improve its quality and make it suitable for any particular use?

The last two sessions will dive deeper into specific cases illustrating the above topics. One session will examine environmental water quality issues such as the Gulf of Mexico "dead" zone and hydraulic fracturing (fracking), and the other session will explore domestic water quality topics such as the Wisconsin Cryptosporidium outbreak of 1993 and the more recent Flint, Michigan lead contamination event.

This course is good background for the follow-up course highlighting water supply resources, policy, infrastructure, and management, topics of importance to all Arizona residents.

An optional field trip to relevant Tucson water facilities will be offered in early December. The day and time will be determined once class has started. Participants will be required to sign a waiver.

19-311 THE LITERARY GENIUS OF GUY deMAUPASSANT

Dave Stegink, Fridays 10 am - 12 noon

Cactus Room: November 1, 8, 15, 22 December 6

Participants will explore the short stories and one novel of the gifted French writer, Guy deMaupassant. The course will examine French society in the late 19th century and deMaupassant's mind and art in relation to that society. The emphasis will be on trying to understand and appreciate his unique contribution to literature, and assessing if and why he can be considered a "great writer."

Participants should buy two books before class begins: Bel Ami (Oxford Classic Edition, 2001) and A Parisian Affair and other Stories (Penguin Books, 2004). Please number the short stories in A Parisian Affair and other Stories from 1 through 34. Before the first class, participants should read the Introduction to both A Parisian Affair and other Stories and Bel Ami, plus the 1st, 2nd, 7th, 10th, 20th, and 30th stories from A Parisian Affair and other Stories. A complete syllabus will be provided at the first class.

19-312 POWERFUL WOMEN IN HISTORY (REPEAT)

Ann Kuperberg, Mondays 10 am - 12 noon

Sonoran Room: November 4, 11, 18, 25 December 2

Throughout history, there have been powerful women either on a throne or behind it. How did they get that power? What effect did they have? Did they make changes for the better? How are they remembered?

This course will discuss Cleopatra, Queen Elizabeth I, Catherine the Great, Margaret Thatcher, Indira Gandhi, Golda Meir, Eleanor Roosevelt, Eva Peron and others chosen for their role in government and social causes. Some DVDs will be used to enhance the topic.

19-313 TECHNOLOGY OF MRI

Ed Barnes, Mondays 2 - 4 pm

Sonoran Room: November 4, 11, 18, 25 December 2

The development of magnetic resonance imaging (MRI) has provided an extremely valuable tool to visualize structures in the body and to diagnose disease. This course will explain how MR images are formed using magnetic fields and electromagnetic energy. The class will start with basic physical principles and how they are used to create a signal and how that signal is mapped to form an image. Ways in which professionals manipulate image contrast to provide valuable diagnostic information in the images will be covered. ***No background in medical imaging or physics is needed; however, individuals without some technical background will find this course presents a challenge.*** This course will not help you interpret your own MR images but will help you appreciate the power of the technology creating those images.

19-314 ORDINARY PEOPLE WHO LIVE IN A GLASS MENAGERIE

Linda Griffin, Tuesdays 10 am - 12 noon

Sonoran Room: November 5, 12, 19, 26 December 3

While seemingly unlike, the novel Ordinary People by Judith Guest and the drama, The Glass Menagerie by Tennessee Williams have much in common. In each there are three main characters with a fourth character not on the stage. In each there is a mother and a son, the relationship of which is, like glass, very fragile.

We will explore the likenesses of these works and explore the mother-son relationships in each work. DVD's of both works will be studied in class and compared/contrasted to the original works. Participants need to buy and read both works (any edition).

19-315 POLITICAL/MILITARY EVENTS IN THE 20TH CENTURY: AMERICA DOMINATES THE WORLD STAGE

Mark Schwartz, Wednesdays 10 am - 12 noon

Sonoran Room: November 6, 13, 20 December 4, 11, 18

This course will illuminate and relate activist events and trends in US foreign policy that impacted world history from World War II through the Cold War (either good or bad). Some events are well-known (Cuban Missile Crisis), while others are footnotes in history and public awareness (Sinking of the Reuben James).

19-316 UNDERSTANDING AND APPRECIATING WINE (REPEAT)

Tom Oetinger, Tuesdays 2 - 4 pm

Sonoran Room: November 12, 19, 26 December 3, 10

This introductory course has been designed to give participants the basics to develop their wine appreciation, and will introduce them to the different grape varieties, wine elements and styles, regions and methods involved in wine production.

Participants will be instructed in the 'Intentional Method of Wine Tasting' and will have the opportunity to practice the skill sets during each session of the program. During the tasting sessions, the participants will gain an understanding of the major wine elements, including grape varietals, residual sugar, acids, tannins and alcohol and how these elements impact the nature and taste of the wine. In addition, this course will cover topics such as purchasing wine, pairing wine with food, decanting and serving, restaurant wine lists, and proper storage and cellaring.

****Note: The charge for this class is \$60 to cover the cost of the wine. Participants are requested to bring two wine glasses (preferably with stems) to all sessions.***