

**18-101 POWERFUL WOMEN IN HISTORY**

**Ann Kuperberg, Mondays, 9:30 – 11:30 am**

**MV Sonoran Rm, 1/8, 1/15, 1/22, 1/29, 2/5**

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, Emmiline Pankhurst and Sojourner Truth, women chosen for their role in government and social causes.

Participants should develop a better understanding of the role powerful women have played and be able to share their views through interaction with the instructor.

**18-102 MUSIC OF THE 60'S, PART II**

**Susan Kravitz, Mondays 1 – 3 pm**

**MV Sonoran Rm, 1/8, 1/15, 1/22, 1/29, 2/5**

This decade of radical change in popular American music will be explored from a very different perspective than last year's Part I. We will deconstruct some of the most iconic songs from this time. It will offer new music, new insights and finally, a more in-depth understanding of the social, cultural, and political forces that shaped this decade and still reverberate today. For so many of us it was the music of our formative years, and still holds powerful emotional associations. The class is equally appropriate for those who either did or did not take last year's class.

**18-103 GREAT AMERICAN SHORT STORIES**

**Linda Griffin, Tuesdays, 10 am - noon**

**MV Sonoran Rm, 1/9, 1/16, 1/23, 1/30, 2/6**

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.

**18-104 MINERAL MANIA (A REPEAT)**

**Harlan Clare, Tuesdays, 2-4 pm**

**MV Sonoran Rm, 1/9, 1/16, 1/23, 1/30, 2/6, 2/13**

Minerals and gems can be beautiful, but did you know that many of the products you use today come from common minerals? Come join us and learn about common and not so common minerals. You will participate in hands-on activities and demonstrations, while learning how and why minerals are different and how they are used. See how minerals can be altered to increase their value. Learn the difference between a mineral, a gem, a crystal and a rock. See unusual properties of minerals and hear about the local history of some of the mining communities in Arizona.

You will also learn about gemstones, including how gems are valued and how birthstones were used in past civilizations and modern times.

All of this information will increase your appreciation of specimens at the largest gem and mineral show in the world in Tucson, Arizona. For those who wish to participate, the instructor will lead an optional short tour.

**Note that a liability waiver will be required to participate in the tour of the Tucson Gem, Mineral, and Fossil Showcase.**

### **18-105 GROUNDBREAKING ARTISTS**

**Laurie Brussel, Wednesdays, 10 am – noon**

**MV Sonoran Rm, 1/10, 1/17, 1/24, 1/31, 2/7**

This 6 week course, with the help of our instructor and professional artist Laurie Brussel as well as biographical videos, will delve into the lives of 5 groundbreaking artists (in chronological order) Leonardo Da Vinci, Piet Mondrian, Marc Chagall, Salvador Dali, and Frida Kahlo. The last week will be devoted to viewing Laurie's artwork and understanding her creative process through an in depth interview. In addition, she will explain her steps in creating a painting. You will also be able to ask her questions about her work and what she believes is necessary in her artistic process. This course will take you on a unique journey into the lives of 6 talented artists.

### **18-106 WEALTH OF NATIONS**

**John Somers, Thursdays, 10 am – noon**

**HOA1 Activity Center, 1/11, 1/18, 1/25, 2/1, 2/8**

This course is about the economic development of the world's economies. The basic question is why are some countries so wealthy and so many others poor? We will explain and discuss the strategies and experiences of various nations' economic development.

Through this course, individuals will develop an understanding of the stages of economic development and the strategies used by nations to attain a higher level of income. This includes an analysis of various economic terms and concepts used in the field of Development Economics. The Industrial Revolution in Great Britain will be studied, as this is the origin of the transition from an agricultural based economy to an industrial economy. Various problems of developing nations will be analyzed and many nations in Asia, Africa and Latin America will be used as examples. In addition, barriers to wealth maximization in developed countries will be investigated.

Some popular books on this topic include Jared Diamond's Guns, Germs and Steel which emphasized the importance of geography. Another is The Wealth and Poverty of Nations by David Landes. A more recent book Why Nations Fail by Daron Acemoglu and James Robinson places more emphasis on history and political institutions.

### **18-107 TRAVEL PHOTOGRAPHY (A REPEAT)**

**Sharon Cotter, Fridays, 10 am – noon**

**HOA1 Activity Center, 1/12, 1/19, 2/2, 2/9, 2/16**

This course is aimed at people who want to improve their photography. The emphasis is on how to take better photos while traveling, but the techniques taught apply just as well to other types of photography. Topics include how to treat different subjects, landscapes, cityscapes, flowers, wildlife, sunsets and weather, with emphasis on composition, lighting, and exposure. Also covered will be types of equipment and equipment use, whether the camera is a phone, a "point and shoot", or a "full frame" SLR. The other side of digital photography is digital editing and publication, so this course will also cover some simple to use, but powerful digital tools for improving photos, and for making photo books of your travels.

### **18-108 ALMOST PRESIDENT**

**Joan Elder, Thursdays, 9:30 – 11am**

**MV Cactus Rm, 1/18, 1/25, 2/1, 2/8, 2/15**

ALMOST PRESIDENT begins with a discussion of all US Presidential elections from 1796 through 2012. The emphasis is on the unsuccessful (or losing) candidate. In early years candidates were frequently not selected until a party convention and outcomes - compromise candidates - came as a surprise to all. The course will delve into specific candidates - some well known, others not - and the issues of early elections. Be sure to bring a writing utensil for daily quizzes (but a promise of NO GRADES!).

### **18-109 HUMOR AND CREATIVITY**

**Marv Goldberg, Monday, 10 am – noon**

**MV Sonoran Rm, 2/12, one session only**

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. The humor favored by seniors as distinct from younger adults is described.

This is a free lecture offered by the ILR, but you must sign up on the ILR website.

### **18-110 RELIGION AND THE CONSTITUTION**

**Mel Durschlag, Mondays, 10 am – noon**

**MV Sonoran Rm, 2/19, 2/26, 3/5, 3/12, 3/19**

The role that religion plays in our public life—religion in the public square as it is sometimes called—has been a matter of debate since before the founding of our nation. Indeed, it is one of the legacies we inherited from England. We will explore what, if anything, the Constitution says about religion in our public life, whether there is any meaning to the oft cited phrase “separation of church and state”, whether one’s religious beliefs excuses compliance with otherwise generally applicable laws, and whether the notion of separation of church and state, whatever that may mean, fits with the other constitutional provision affecting religion, the provision that protects the free exercise of religion. All of this and more in five weeks.

### **18-111 LET’S BUILD A PYRAMID**

**Eddie Dobson, Mondays, 2 – 4 pm**

**MV Sonoran Rm, 2/19, 2/26, 3/5, 3/12, 3/19**

This course provides an overview of the history and evolution of the Egyptian pyramids, how those related to the ancient Egyptian lifestyle, and what would be involved in replicating the Great Pyramid of Cheops. Weekly topics include:

- History of the ancient Egyptian pyramids
- Theory as to how and why Egypt built pyramids/Egyptian life styles during the Old Kingdom
- Hollywood movie about building the pyramids; critique of the movie
- DVD presentation on the latest thinking about Egyptian pyramid construction, with class discussion.
- Discuss a generalized plan for building an exact to scale model of the great pyramid of Cheops. Includes a round table discussion of ideas

### **18-112 MYSTERIES OF PLANTS**

**Louise Grabell, Tuesdays, 10 am - noon**

**MV Sonoran Rm, 2/20, 2/27, 3/6, 3/20, 3/27**

While plants are the reason for animal life on Earth, little thought is ever given as to their origin, functions, and some unusual survival techniques. The Mysteries of Plants lecture series will take you on a journey through the plant kingdom, exposing you to plant evolution, and to some of the intricacies of life in the world of plants around you.

### **18-113 UNDERSTANDING OUR COSMOS**

**Lockwood Carlson, Tuesdays, 2 – 4 pm**

**MV Sonoran Rm, 2/20, 2/27, 3/6, 3/13, 3/20**

This course is an introduction to the incredible journey science has taken in the last 500 years in understanding the universe we inhabit. Our long held notions of the cosmos, matter, space, time and how things happen have been extended, overturned, and transformed into accurate and deep knowledge beyond our imagination's ability to conceive. Some concepts covered will be: special relativity, the idea of space-time, gravitation, the big bang, expansion of the universe, inflation, black holes, dark matter, dark energy, gravitational waves, "multiverses," and string theories.

### **18-114 PARIS IN THE 1920s**

**Doug Streuber, Wednesdays, 10 am - noon**

**MV Sonoran Rm, 2/21, 2/28, 3/7, 3/14, 3/21, 3/28**

What do Ernest Hemingway, Pablo Picasso, James Joyce, Sidney Bechet, T.S. Eliot, F. Scott Fitzgerald, Henri Matisse, Gertrude Stein, and Woody Allen have in common? Paris in the 1920s. (OK, Woody Allen wasn't there but he was so fascinated by the period that he made a movie about it.) There probably has never been a greater concentration of artistic talent in one time and place, spurred by the "lost generation" that came of age during the Great War.

This wide-ranging course will cover the highlights of this period in terms of literature, poetry, art, music, dance, and maybe even fashion. Where feasible, film clips, photographs, and audio clips will be used. Participants will be asked to make brief voluntary reports and to engage in non-threatening discussions of topics from the period. If scheduling permits, the course will culminate with viewing Woody Allen's Oscar-nominated film "Midnight in Paris."

### **18-115 WATER SUPPLY IN THE AMERICAN SOUTHWEST**

**Bruce Hale, Thursdays, 10 am – noon**

**MV Cactus Rm, 2/22, 3/1, 3/8, 3/15, 3/22, 3/29**

Water is necessary for life on earth, and the ability to utilize water resources is a hallmark of successful human civilization. This course introduces the basics of water resource science and how water resources are put to use in the arid region where we live. Bridging the gap between source and use, water suppliers navigate a landscape of forces that shape diverse water delivery approaches. We explore these forces, including: water policy, law, and regulation, water resource availability and geography, user requirements, water infrastructure, water quality and treatment, politics and public perception, technology, customer expectations for efficiency, professionalism, and reliability, energy usage, and water conservation. The unique water supply issues facing the American Southwest are emphasized and discussion of current events in the world of water supply is a component of each session. An understanding of how our regional water supply works is an asset for informed Arizona citizens.

### **18-116 UNDERSTANDING AND APPRECIATING WINE**

**Tom Oetinger, Thursdays, 2 – 4 pm**

**MV Saguaro Rm, 3/1, 3/8, 3/15, 3/22, 3/29**

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 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 varieties, 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. The instructor has an Advanced Certification in Wine & Spirits from WSET (Wine & Spirit Education Trust), London. Brand ambassador & wine educator for a major California wine producer. Wine columnist for Saddlebag Notes. **Note that a liability waiver will be required to**

participate in this course. Note also that the fee for this course is \$60 which will include the cost of the wines tasted.

### **18-117 MAGIC FOR GRANDPARENTS**

**Ken Marich, Fridays, 10 am – noon**

**MV Cactus Room, 3/9, 3/16, 3/23**

Learn Magic for Parties, Friends and Grandchildren

Magic is fun, has no language barriers and appeals to young and old. Put a little magic into your next party or family gathering. Amaze them all with YOU as the magician! The 3 session course will cover the exciting history of magic and the elements of a magical performance. Magic tricks will be taught and practiced at each session some using household items and others using magical gimmicks (provided in the fee?). The course will end with a student/teacher Magic Show. Come join the fun and become a "Junior Magician".