**FALL 2016 COURSE SCHEDULE**

**CLASSES BEGIN SEPTEMBER 26/27 & END OCTOBER 31/NOVEMBER 1**

**MONDAY MORNINGS AT SUN CITY**

**Monday**

8:30 a.m. – 10:00 a.m.

*Ballroom, Social Center*

**Darwin to DNA - The Evolution of the Sapiens**

*Sandi Phillips, MS & Rocky Romero, MBA*

Join the Vagabonds, Sandi Phillips and Rocky Romero, as we study the sciences that have contributed to our knowledge of human evolution. From geology, archeology, anthropol-ogy, and molecular biology, we are gaining an understanding of the changes that have made us the species we are today: Homo sapiens. In a Senior University class four years ago Don Beaumont, Rocky, and Sandi focused on the influence of geology to the migration of humans out of Africa. This semester Rocky and Sandi will expand that story of human evolution to include more and new scientific evidence in disciplines as diverse as plate tectonics and genetic biology. Starting with the early archeological digs of Louis and Mary Leakey in the East African Rift Valley we’ll end in the DNA laboratory of paleogeneticist Svante Paabo studying the DNA of human remains in Siberia.

Sandi Phillips and Rocky Romero met in 1996 in Angola, Africa, while both were working in oil exploration for a major oil company. Both have advanced degrees in their fields. Sandi is a geophysicist and Rocky is an engineer. Their combined careers span 40 years of international work in Europe, Asia, and Africa. In 2003 they took early retirement and developed a 15 year plan to live internationally for half of each year. They still relish their vagabonding lifestyle, are awed by the impact that geology has on civilizations, and enjoy sharing these connections.

This course is 1 ½ hours.

**Monday**

9:00 a.m. – 10:00 a.m.

*Atrium, Activities Center*

**Murder and the Prime Meridian - A Tale of Science, Mayhem, and the Longitude Act of 1714**

*Hank Haliasz, MBA*

Getting lost at sea was common before mariners learned how to calculate longitude. In 1707 a British Admiral and 1,500 of his men perished in a navigation error. This was the incident that spurred Parliament to act. After centuries of losses of both ships and men, the Longitude Act of 1714 was passed in Britain offering 20,000 pounds (£2 million in today’s dollars) to solve the problem of longitude. Among the solutions two were in competition, one from a watchmaker and one from an astronomer. Was the admiral’s death murder? How was the Vicar on St Mary’s Island involved and what role did the Archbishop of Canterbury play? This is a true tale of science and skullduggery.

Hank Haliasz was a 20-year career officer in the US Air Force and worked in the U.S. space program with NASA and the Air Force from 1976 thru 1984 when he managed the Air Force’s mission operations role with NASA’s Space Shuttle Program. His close association with both the Air Force and NASA space programs spurred his interest in Astronomy. While engaged in a second career managing large projects with IBM, Hank joined Sun City’s Nature Club and its Astronomy SIG in 2000, and became the chairperson of that group, a position he held for 9 years. Hank first presented a course for Senior University in 2004 and has presented different topics annually, to the delight of the members.

This course is 4 weeks long. There will be no class 10/24 or 31.
This course is limited to 15 students.

Monday
9:00 a.m. – 10:00 a.m.
Rooms 3 & 4, Activities Center
Civilization and Violence: An Evolutionary View
Lloyd Davis, MSc
Four thousand years of recorded history have left behind a somber record of war, aggression, slavery and brutality, culminating in two incredibly destructive World Wars. Evolutionary psychologist Steven Pinker has brought together the findings of many researchers on the prevalence of violence in the last 1,000 years. This information is summarized in his book, The Better Angels of Our Nature. The main argument of his book is that the record of the last few centuries shows a steady rise in justice and civility in much of the world, and a decline in homicides. The last fifty years have seen no direct conflicts between the major powers, although proxy wars still go on in three continents. This course will try to answer the following questions:

What are the evolutionary roots of aggression, social dominance, homicide and warfare? How does violence in primitive societies compare with that in more complex societies? How do wars start and why do anti-war populations go along? How does the status of women and social cooperation among men in a society modify the level of violence? Why is the homicide rate in Texas several times higher than it is in New England? And more...........

Lloyd Davis holds an M.Sc. in Chemical Engineering and last worked as an environmental engineer for the Arkansas Department of Environmental Quality. He has long held an interest in the history of science and the historical developments of philosophical ideas from the ancient world to the present.

Monday
9:00 a.m. – 10:00 a.m.
Rooms 1 & 2, Activities Center
The Short Story VIII
Gwen Hauk, PhD
Anthony Doerr, author of the popular novel. All the Light We Cannot See, has succeeded in using the short story genre to make his short story collection The Shell Collector an example of how the shorter form can “expose the human condition in all varieties.” We will see into the lives of characters who are “united by their ultimate deference to the ravishing outside themselves.”

Our text will be “The Shell Collector” which is available from the library, online, or on electronic readers. The reading list for the stories will be on the Senior University website under “Classes” nearer the start of the Fall Term.

Since the class size is limited, there will be time for in-depth discussion; there are no special criteria necessary to take the class, only the love of reading and discussing good literature.

Gwen Hauk is Vice-President Emeritus of Educational Services at Temple College, Temple, Texas, and holds a PhD from Texas A&M University. She also taught English at Temple College for 25 years.

This course is limited to 15 students.
Monday
10:30 a.m. – 12:00 noon
Rooms 1 & 2, Activities Center

Beginning Memoir Writing
Alan Dawes
Everyone has a story to tell; the story of your life, your family, the times you have lived through and the events you have witnessed. This Memoir writing class will get you started capturing your story in good company. The focus will be the content of your story rather than writing technique. The class will have you writing short stories on various aspects of your life and times. It will not attempt to create a cradle-to-retirement epic. We will be working with prompts; simple subjects to talk about in class and sharing them with others. These prompts will progress from subjects like the house, neighborhood and culture where you grew up; family members and influential people; events you personally experienced; vocations like homemaking, service, careers and hobbies; to putting it all together, continuing writing and organizing for self-publishing.

Memoir writing can be great fun and a valuable legacy to pass on to children, grandchildren and future generations.

Alan has been writing memoirs for many years, teaching memoir writing classes and leading informal memoir writing groups in Georgetown, Texas. He has completed over one hundred stories of his life and times and recently self-published a collection of memoirs based on the first 24 years of his life in England before emigrating to America in 1960. Written for his three children, “The Shoe Box Stories” was both a surprise and much appreciated gift.

This course is limited to 15 students.
This course is 1 ½ hours.

Monday
10:30 a.m.—12:00 noon
Atrium, Activities Center

Oil, War and the Middle East
David Weinberg, PhD
Why is the United States so deeply, and in many ways troublingly, involved with the Middle East? In this course, we will investigate some regional history starting prior to World War I, perhaps the most pivotal event in shaping everything that followed, while showcasing key players, both people and nations. Inextricably entwined with the history of the Middle East is the history of the region’s oil business from its initial discovery in Persia to where it stands today. To condense so much material into digestible pieces, we’ll liberally use many publically available video clips. Questions and discussion are encouraged throughout the sessions.

Dave received his PhD in geology from Texas A&M University, and worked for 20+ years for Shell, CITGO, and Conoco. In 1995, he went to DOE’s Idaho National Laboratory. Starting in 2002, Dave spent about 14 years in and consulting with the Department of Homeland Security. He has been teaching adult education classes since 2009.

This course is 1 ½ hours.

MONDAY AFTERNOONS AT GEORGETOWN LIBRARY

Monday
2:00 p.m. - 3:30 p.m.
Georgetown Public Library
Hewlett Room

Medical School for Everyone: Emergency Medicine
Jim Hutchinson, MA
Join us in this class to explore selected cases from the Great Courses® class on DVD, “Medical School for Everyone: Emergency Medicine,” presented by Dr. Roy Benaroch. In this course, I will select clinical cases that we’ll view from some of his lectures. Dr. Benaroch has a lively style, and we will find out how doctors evaluate patients for diagnosis and treatment. As each diagnostic clue is uncovered, we will see how doctors work and think to solve medical mysteries. After we view each case, we’ll discuss it. By the end of our class, we’ll know more about how physicians approach medical conditions, especially in the emergency department.

Jim has B.A. and M.A. degrees in English, and his past employment includes work as a college lecturer. He frequently lectures for both Senior University and the Lifelong Learning Institute at the University of Texas in Austin.

This course is 1 ½ hours.

Monday
4:00 p.m. - 5:00 p.m.
Georgetown Public Library
Hewlett Room

Remaking Mt. Rushmore – Ranking Our Presidents
Ken Peters, PhD
In November of this year the nation will elect its 45th President. How should the previous 44 be ranked? That is the subject of Robert Merry’s book, Where They Stand: The American Presidents in the Eyes of Voters and Historians. Suffice it to say that voters and historians do not always agree about that (nor, should I add, do Republicans and Democrats). We are always looking at the past through the spectacles of the present, with the result that presidential reputations have changed over time. Why, for example, have Truman and Eisenhower risen in stature and Jackson and Wilson fallen? Looking forward, what should we expect of George W. Bush and Barack Obama? Merry’s account of all this is provocative and entertaining, and we should have fun with his book as we meet together the six weeks before Election Day. Good inexpensive copies of Where They Stand are available through Amazon, Abe books, and other internet outlets. For our first session it will be helpful to have read Part 1, “The Historians” (pp. 3-40). I look forward to seeing you this September.

Dr. Kenneth Peters received his B.A. from Southwestern University and his M.A. and Ph.D. from the University of Texas. After
teaching history at Texas A&M, he received a Master of Theology degree from Austin Presbyterian Seminary.

Monday
5:30 p.m. – 6:30 p.m.
Georgetown Public
Hewlett Room
Rational Optimism
Stephen Benold, MD
This course will look at the entire scope of human history to ascertain a positive argument for rational optimism about the future. Optimism isn’t simply a hope for a better world, but a belief that change is for the better economically, culturally, and technologically. That this change is evolutionary is what we will explore.

The six sessions will be:
1. Barter – Trust and Rules
2. Civilization – Feeding and Cities
3. Escaping Malthus
4. Releasing the Slaves
5. Invention and the Industrial Revolution
6. Great Pessimisms of Today

Dr. Benold has been teaching economics and various other courses for Senior University for 16 years.

His undergraduate degree was in economics from Rice University where he was the Hayden Honor Scholar in Economics. He recently retired as medical director of the Williamson County EMS, but he maintains a private financial practice.

After Class Luncheon at the Sheraton
“Brix and Ale” Restaurant
Tuesday, October 18 at 12:00 noon

Come & enjoy visiting with your classmates while dining at the beautiful new Sheraton

Choice of entrée:

White Oak Smoked Brisket Sandwich
Chef’s pickles, potato bun with fries

Chicken Caesar Salad
Chopped romaine-kale blend, shaved parmesan, and focaccia croutons

Gulf Seafood Stew
Striped bass, shrimp chipotle tomato broth served with a roll (a bit spicy but delicious)

Cost $15 per person (includes ice tea or soda & gratuity)

Please make reservations by October 11.
Space is limited, payment by check, no refunds

Lecture - Free & Open to the Public
Fifteenth Anniversary of 9/11 – Where Are We in the War on Terror?

JEFFREY F. ADDICOTT
Lt. Colonel, U.S. Army (ret.)
Professor of Law,
St. Mary’s University School of Law
Director,
Center for Terrorism Law

As the United States recognized the 15th anniversary of 9/11, much has changed both in law and policy. America is now fighting its longest war in history. This lecture looks back on the major issues from identifying the enemy, use of force, detentions, interrogation, etc. to future and emerging threats posed by the forces of Radical Islam.

SATURDAY, SEPTEMBER 10 at 10:00 AM
Sun City Ballroom, 2 Texas Drive,
Georgetown, Texas

For further information, contact Senior University
(512) 819-7680 or at admin@senioruniv.org

Class Locations:
Sun City Social Center, 2 Texas Drive, 78633
Sun City Activities Center, 1 Texas Drive, 78633
Georgetown Public Library, 402 W. 8th, 78626
First Baptist Church, 1333 W. University, 78628
Southwestern University (directions available at www.southwestern.edu/visit)
TUESDAY MORNINGS AT FIRST BAPTIST CHURCH

Tuesday
8:30 a.m. - 10:00 a.m.
E2.108 - 110
Drawing as a Way of Seeing
Bob Douglass, DrDes, FAIA
Gary Miller, AIA
Premise: Drawing opens us to a more observant, aware and engaged life.
The hard truth is - you learn to draw by drawing. This course will include demonstrations and explanations of effective illustration techniques, but essential instruction will be provided as students carry out hands-on drawing projects. The projects will follow a phased development — First, basic shapes will be rendered (cube, sphere, cylinder, cone, etc.). These shapes will then be translated to represent natural elements (a house, an apple, a tree, a person, etc.). These elements will be combined in naturalistic scenes employing the principles of perspective (scenes in the landscape). Drawing faces and figures in action will be explored through caricature and cartoon. We will use commonly available media—pencils, charcoal and felt pens on paper.
Each 90-minute class period will include lecture-and-demonstration by faculty, a review of the week’s at-home assignments and two approximately 30-minute student drawing periods, with individual attention by faculty. Students will be informed by email of necessary equipment and materials before the first class.
Bob Douglass is an award winning artist, retired from his national practice of architecture and living in Sun City. He holds Doctor and Masters of Design degrees from Harvard, and has taught at Rice University, Texas A&M, the University of Texas School of Public Health, and was a teaching fellow at Harvard.
Gary Miller is the well-recognized cartoonist for the Williamson County Sun newspaper. He holds a Bachelor of Architecture from Ohio State University and has spent a lifetime of sketching and cartooning along with his career of architectural drawing. Gary has previously presented a course on “Why Buildings Stand Up and Fall Down” for Senior University.
This course is limited to ten students.
This course is 1 ½ hours.

Tuesday
8:30 a.m. – 10:00 a.m.
E2.110
Models and Reality
Herman Matthews, PhD
“Models and Reality” are very important words in all discourse. This course will explore what a model is, differences in models (model airplanes, weather models, abstract models, etc.) and the relationship of models to “reality.” Examples and discussions will come from areas of Physics, Biology, Physiology, Philosophy, Theology, Technology, Literature, History, etc.
Dr. Matthews has been a Physics professor at Oklahoma State University, Stanford University, Florida Atlantic University, and the University of Texas. He has facilitated several hundred workshops, been a consultant for Fortune 500 companies, nonprofits and government organizations. He has also produced over 100 video productions.
This course is limited to 15 students.

Tuesday
9:00 a.m. – 10:00 a.m.
E2.102
Beginning Spanish
Gloria Gonzalez, MA
This is a beginning course in conversational Spanish. The course is designed for those who have had little or no previous Spanish courses. The text for the course is Barron’s Learn Spanish the Fast and Fun Way, Third Edition.
Gloria Gonzalez earned her MA in Spanish at North Texas University and has had 14 years teaching experience. She has been a resident of Sun City 19 years and a Sr. University faculty member for several years.
This course is limited to 20 students.
This course is 1 ½ hours.

Tuesday
9:00 a.m. – 10:00 a.m.
E2.109
Law and Politics: The 2016 Elections
Don J. Erler, PhD
The following will be discussed:
Week 1: Review of the most recent Supreme Court terms.
Week 2: Citizens United, free political speech and the unfree cost of campaigns.
Week 3: The Democratic Party Platform
Week 4: The Republican Party Platform
Week 5: Alternative Choices
Week 6: Are the polls reliable?
Don Erler received his Ph.D. from the University of Dallas in 1975. He has taught courses in Constitutional Law at Assumption College in Worcester, Massachusetts, and at Texas Wesleyan University in Ft. Worth, Texas. He was also a contributing columnist for the Star-Telegram in Ft. Worth.

Tuesday
9:00 a.m. – 10:00 a.m.
E2.209 - 211
Worldwide Travel
Vivian Davis, Facilitator
Sept. 27  SOUTH AMERICA and ANTARCTICA  Denny and Terri Borocz will guide us across three continents and 7 countries.
We’ll start at the spectacular Iguacu Falls in Brazil. Then we go
Crafts movements, and precipitating the emergence of Art Nouveau. 6 classes will consider major Japonistes—Whistler, Degas, Van Gogh, Lautrec, Frank Lloyd Wright, and Georgia O’Keeffe—and participants will handle ukiyo-e (woodblock prints), one of the most portable and accessible of the factors in the craze for Japan.

Art historian Karen Pope, well-known around Austin for lecture series and study tours (ArtinSight Inc., Adventures in Art History, f. 1995), has just completed 17 years on the faculty of Baylor’s Allbritton Art Institute, where she taught art appreciation and, every semester, a course in the art of the 19th century in Europe or America; “Japan & the West” was her most popular course.

This course is 1 ½ hours.

Tuesday
10:30 a.m. - 12:00 noon
E2.103 - 105

Seven Habits of Highly Effective Seniors

Walter Bradley, PhD

This class will be adapted from the classic book and 3-day short course by Stephen Covey entitled "Seven Habits of Highly Effective People". The book was on the New York Times Best Seller List for 4 years and sold more than 15 million copies. The short course was used by more than 350 of the Fortune 500 companies in the United States to help their employees to become more effective personally and professionally (at $1500 per person). Walter Bradley became a certified Franklin-Covey facilitator while he was Department Head of Mechanical Engineering at Texas A&M University. This class will explore these 7 Habits that Stephen Covey found are key to personal and professional effectiveness, but the illustrations and applications will be specific to people who are seniors. These principles can help seniors take full advantage of the opportunities for meaning and purpose in life that are unique to this stage of their lives.

Walter Bradley holds a PhD in Materials Science and Engineering from the University of Texas at Austin. He was a full professor of Mechanical Engineering at Texas A&M University, 1976-2000, and Distinguished Professor of Mechanical Engineering, Baylor University, 2002-2012. He was responsible for starting the graduate program in Engineering at Baylor University which now offers Master of Science, Master of Engineering and PhD programs.

This course is limited to 40 students.
This course is 1 ½ hours.

Tuesday
10:30 a.m. – 11:30 a.m.
E2.108 - 110

Creative Writing

Jackie Woolley, MA

Based on her own experiences and her book, Sex, Lies and Stories, Jackie Woolley will lead a class on memoir writing and creative writing. She will present an abundance of practical ideas and insights on how to make the most of the call to write. Jackie has studied literature, writing and behavioral sciences, she has also taught writing and written a number of books and combined with a lifetime of writing urges. Her book, Sex, Lies and Stories, Memoir of a Frustrated Writer, is dedicated to the millions of writers who have heard the call to write, but have
never had the thrill of a twenty-city publicity tour, a review in Publisher’s Weekly or an appearance on the Today Show. The personal experience book is for beginners as well as advanced writers and goes beyond mere self-help in the craft of writing.

Tuesday
10:30 a.m. – 12:00 noon
E2.109 - 111

Into the Vast Unknown - Pacific Ocean Navigators
Todd Clayton, MBA
The Pacific Ocean was the last great frontier covering 1/3 of the earth’s surface. Prior to the early 1500s, the Pacific Ocean was the vast unknown to Europeans. But, the Polynesians populated all of the Pacific’s habitable islands hundreds of years before. The Pacific Ocean required a leap of maritime technology and navigation techniques for humans to populate this water world. Up to then all of earth’s continents were populated by people walking to their new homes. This series will cover the ingenuity of the Polynesian Navigators to closely observe the natural world and translate that into navigation arts unknown to western explorers. We’ll follow Captain Cook’s three exploration voyages that open the Pacific to European discovery and mapping with the ability to accurately determine longitude. Finally, we’ll see the effort invested in finding the Northwest Passage shortcut to the Pacific and Far East that remains a key maritime objective even today.

Todd Clayton was in the US Navy as an officer qualified in nuclear powered submarines. He has an MBA from the Harvard Business School and a BS Industrial Engineering from Northwestern University. He has 30 years of executive marketing experience in the high tech industry in computers and communications. He and his wife Patti were in the Peace Corps from 2002—2004. They both taught English at two universities in Kazakhstan; additionally Todd taught entrepreneurship. He and his wife Patti have been sailors most of their lives. For Todd, sailing is more than an enjoyable activity...it is an experienced-based connection that brings all these stories of sailing adventure to life.

This course is 1 ½ hours.

Tuesday
10:30 a.m. – 12:00 noon
E2.207

Spanish IV
Gloria Gonzalez, MA
This will be a continuing course in conversational Spanish limited to 20 students. The course is designed for those who have completed the Level III Spanish course.

Gloria González earned her MA in Spanish at North Texas University and has had 14 years teaching experience. She has been a resident of Sun City 19 years and a Sr. University faculty member for several years. The text for the course is Barron’s Learn Spanish the Fast and Fun Way, Third Edition.

This course is limited to 20 students.
This course is 1 ½ hours.

TUESDAY EVENINGS AT SOUTHWESTERN UNIVERSITY

Tuesday
4:00-5:00 p.m.
Olin Building, Room 105

The America/Vietnam War as Seen in a Rear View Mirror
Jay C. Pierson, MA
American involvement in Vietnam began after World War II with the U.S. support of French colonial rule in Indo-China. The war eventually became an “American Owned War” instead of “South Vietnam’s War.” Upon the approval of the Gulf of Tonkin Resolution by congress in August of 1964 (passed unanimously by the House of Representative and with only two dissenting votes in the Senate) the United States was committed to full military support of South Vietnam. Vietnam became America’s longest war (now eclipsed by the longer “war on terror”) and ended with the nearly total withdrawal of American forces in 1973. The massive evacuation of all Americans, diplomats and military guards in 1975 completed the era and left Americans with many doubts and questions that still resonate today. The U.S. is now involved in another war, a long way from home, and many see Iraq as a reflection in the Vietnam mirror. Come join in searching for some possible truths. This could be a great adventure.

Jay Pierson received his B.A. from Park University, Parkville, MO and his M.A. from the University of Northern Colorado. He is a 23-year veteran of the United States Air Force where he was an instructor for 18 of those years. Since his Air Force retirement he has taught and been an administrator at both the high school and college level for more than 25 years and is a regular presenter with Senior University.

Tuesday
5:30 p.m. – 6:30 p.m.
Olin Building, Room 105

The Four French Revolutions
Francis Mathieu, PhD
This course offers an overview of the no less than four revolutions that rocked France’s politics, society, culture and the city of Paris, spanning close to one hundred years, from 1789 until 1871. We will study their root causes, such as the feudal system and the Industrial Revolution, to understand the structures and ideologies of power and inequality that prompted social tensions and such a long string of insurrections.

Dr. Francis Mathieu of Southwestern University is the co-owner of Sojourner Tours, a boutique tour company based in Georgetown. When not teaching, Francis offers and guides tours in France to guests seeking an authentic and deeper cultural experience than the average tourist trip. Since joining Sojourner Tours, he began offering regular public lectures in the Georgetown and Austin area and joined the staff of Senior University.