

Courses Offered: Jan. 22 - Feb. 15

~ All classes meet once a week during the four-week term, unless otherwise noted. ~ For location of class sites and directions, see maps on the inside back cover.

100 ART, MUSIC AND DRAMA

101 The Early Renaissance in Italy

Tuesdays, 2:00 - 3:30

Tallwood

Instructor: Rosemary J. Poole

The lectures will span the paintings, sculptures and frescoes of the Italian Renaissance from its early period to the second and third generations of masters. Among the artists and their works will be the Arena Chapel frescoes of Giotto, Simone Martini's Annunciation, Ghiberti's Baptistery Doors, Donatello's David, Fra Filippo Lippi and Botticelli. Rosemary J. Poole has degrees in history and art history and was a lecturer at the National Gallery of Art for the Circa 1492 Exhibition. She now teaches at GMU. A specialist in the Early Renaissance, she has presented courses on that period as well as on British painting, Dutch and Flemish painting of the 1600s and Spanish painting. She has taught a course on Spanish art and architecture at LRI.

102 Painting Workshop *Wednesdays,*

9:30 - 11:00

Reston Storefront Museum at Lake Anne

Instructor: Peter Ball

Discover and rediscover your creative artistic abilities. Beginners will learn basic skills, experienced students will receive assistance and critiques to help them develop their personal expression, and everyone will have fun. Using a variety of materials

and techniques, students will explore drawing, color, composition and techniques. Students should bring pencils and paper to the first class. Class limit: 10.



Peter Ball has been painting for 50 years and says he has studied with so many different people that he knows everything there is to know about painting but has yet to figure how to make his hand do what his mind tells it to.

103 Intermediate Watercolor Painting

Thursdays, 2:00 - 3:30

Tallwood

Coordinator: Freeda Swope

Here's a chance for those with some experience to share their knowledge and enthusiasm for watercolor painting. Students may take turns leading the class. They will critique each other and choose the subjects to be painted. Students should be familiar with use of materials. Class limit: 10.

104 Ready, Set, Draw

Tuesdays, 11:30 - 1:00

Reston Storefront Museum at Lake Anne Instructor:

Donna Cramer

This course explores a variety of drawing techniques utilizing both black and colored pencils. Experienced artists and novices will both enjoy the class. Each week we will examine the drawing techniques of well-known artists, and then draw from still-lives. Students should bring pencils, five sheets of paper or sketch book and an eraser to the first session.

Donna Cramer is an artist with a background in art history. She draws and paints in many mediums.

105 Listening to Classical Music

Thursdays, 9:30 - 11:00

Lake Anne Church

Instructor: Walter Koehler

This course will explore what it is that makes classical music tick and why we can listen to an extended piece of instrumental music and understand it. We will

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look at music from different periods and make a conscious effort to avoid technical or specialized explanations.

Walter Koehler is organist and minister of music at St. Thomas Episcopal Church in McLean. A graduate of Carnegie-Mellon University in Pittsburgh, he also studied with the distinguished teacher Nadia Boulanger for several years in Paris.

6 The Ongoing Pleasures of Music

Mondays, 2:00 - 3:30

Lake Anne Church

Instructor: Gloria Sussman

We will listen to a variety of recorded performances and discuss aspects of interpreting music. Sessions will highlight chamber music, vocal literature and unusual instrumental combinations. You do not need to have taken previous music courses to enjoy and learn from this class.

Gloria Sussman recently retired as the coach of Musica Concordia, a small Reston-based vocal ensemble. She is a piano teacher and accompanist for the Reston chorale. A graduate of the University of Pennsylvania, with bachelor's and master's degrees in music education, she currently gives small recitals with her duet partner, Ellen Winner.

7 Great Songwriters of the 20th Century

Tuesdays, 9:30 - 11:00

Tallwood

Instructor: Glenn Smith

In this course we will listen to and examine the wonderful music of the 20th century greats: Hoagy Carmichael, Irving Berlin, Richard Rodgers and Cole Porter. Each session will include live performance of songs with historical background information and some basic musical analysis. Whether you have limited musical background or sophisticated musical taste you will enjoy the sounds of these masters.

Glenn Smith, professor of music at GMU, has more than 25 years experience as a college teacher and composer of more than 400 works in a wide variety of musical styles. His music has been used therapeutically in hospital intensive care units, with challenged children and in a music education study involving mood problems in elementary school children. In his work with the elderly he uses music to heal and renew body, mind and spirit. An experienced performer on a variety of instruments, he fluently performs his own music for lectures, seminars and workshops. He also owns and operates a digital electronic music studio.

108 Singing For Fun

Thursdays, 2:00 - 3:30

Tallwood

Instructor: Joyce DeVoll

LRI's choral group invites you to join them for the winter session, which will feature rehearsals on the first and third Thursdays and two visits to local senior care centers for the second and fourth meetings. A great voice is not required! Dolores Ecklund will accompany singers on the keyboard. Rehearsals will be at Tallwood, not at the Fairfax: Christian Church as in previous sessions.

Joyce DeVoll is a recently retired choral music teacher. She has a bachelor's degree from Michigan State University, a master's in educational administration from Virginia Tech and Orff certification from GMU. She is an active member of her church choir and English handbell group.

109 Tuesdays at the Matinee *Tuesday*

afternoons

Cinema Arts Theater

Coordinators: Jackie Bivens & Tim Douglas

Join LRI members again this semester for matinee performances of independent films, movie classics and foreign films at the newly renovated

Cinema Arts Theater in Fair City Mall at Route 236 and Pickett

Road in Fairfax. You will be notified of movie selections and times by e-mail or a phone call if you do not have e-mail.



200 ECONOMICS & FINANCE

201 Economic Issues

Tuesdays, 2:00 - 3:30

Tallwood

Coordinator: Donald Igo

Outstanding speakers, experts in their fields, will discuss major economic issues, with time allowed for questions and answers.

· "Energy, Economics and the Environment": Donald Igo, former assistant for energy policy, Department of Transportation.

- "Technology and the Local Economy": Roger Stough, NOVA chair of public policy, GMU.
- "Status of Selected Asian Economies": Amnon Golan, consultant, World Bank.
- "Road Pricing Programs to Reduce Congestion": John T. Berg, former manager, highway revenue and pricing, Federal Highway Administration; currently transportation consultant.

202 Investment Forum

Wednesdays, 11:30 - 1:00

Tallwood

Moderator: Thomas Crooker



This forum is an ongoing investment discussion group that meets regularly throughout the year. The primary focus is on individual stocks. Other topics may be chosen broadly

from the entire field of investing. Sessions typically include both prepared presentations by members and extemporaneous discussion. Member participation is encouraged. Opinions expressed are strictly those of the members and do not represent endorsement by LRI.

Thomas Crooker is a retired engineer who has taught at college level and is a long-time student of stocks.

203 Money "Talks"

Mondays, 9:30 - 11:00

Lake Anne Church

Moderator: Stanley Newman

This discussion group will appeal to those who enjoy talking about personal financial issues and sharing information on investment strategies, industry developments and sector trends.

Stanley Newman has an interest in financial developments and has been an investor most of his life.

204 Estate Planning Issues

Wednesdays, 9:30 - 11:00

Tallwood

Instructor: Sarah Parks

This course will explain basic estate planning issues and concepts. We will focus on financial and medical powers of attorney, the probate process and the desirability of avoiding probate, the use of wills and trusts, and the compilation of records necessary to settle estates.

Sarah Parks is an attorney in the local firm of Custom Estate Planning. She is a graduate of George Mason Law School and the Georgetown Law Center, writes articles for Fairfax County's *Golden Gazette* and teaches estate planning in Fairfax County's adult education program.

300 HISTORY & INTERNATIONAL STUDIES

301 Perspectives of World History

Thursdays, 9:30 - 11:00

Tallwood

Instructor: Peter N. Stearns

What is world history and why is it controversial, such as the world history/western civilization dichotomy? This course will discuss the controversy and then offer four brief "case studies" of the world history approach:

- The fall of Rome and other classical empires.
- The rise of medieval Europe and changes in the post-classical world.
- The world economy approach and the industrial revolution.
- The 20th century from a world history perspective - what are the main themes?

Peter Stearns is provost at GMU. He has taught world history to freshmen for over 15 years (including this spring at GMU) and has authored a number of texts and special studies in world history, most recently *Gender in World History*, published by Routledge this fall. He is chair of the advanced placement committee in world history.

302 An Inside Look at Foreign Affairs

Thursdays, 11:30 - 1:00

Tallwood

Coordinator: Roman Lotsberg

Active and retired foreign service officers (FSOs) and government and corporate officials will speak on issues of interest and importance and answer questions from class members.

- "Russia and Her Neighbors Ten Years On": Paul Goble, Director of Communications, Radio Free Europe/Radio Liberty.
- "Turkey, Greece and Cyprus": Ambassador Raymond C. Ewing.

· "Looking After American Citizens Abroad":
Ambassador Mary A. Ryan, Assistant Secretary of
State for Consular Affairs.

• "The Need for More White House and
Congressional Support for Foreign Affairs":
Ambassador Donald R. Noland.

Biographical information will be presented at each talk.

303 Understanding Our South American Neighbors

Thursdays, 2:00 - 3:30

Tallwood

Instructor: Yereth Knowles

After a cursory review of indigenous populations, this course will survey the Iberian colonial incursion and its legacy. We will explore the similarities and differences among South American countries and peoples, with emphasis on the development of political and economic institutions, the Church and the military. We will also examine how each country developed and modernized in its own unique way.

Yereth Knowles, who lived for a time in Montevideo and has visited Central America a number of times, is a retired professor of political science at the Inter American University in Puerto Rico and of Latin American studies at GMU. She has published a novel, articles on Latin America and the historical study *Beyond the Caribbean States: Perspectives*.



304 Japan's Road to Pearl Harbor

Tuesdays, 11:30 - 1:00

Tallwood

Instructor: Ralph Ostrich

In 1853 the United States sent Commodore Matthew Perry to "open the door" to Japan—a Japan 300 years behind Western technical and economic standards. Eighty-eight years later, Japan's military capability was such that it was able to inflict the most devastating military attack at Pearl Harbor that this nation or any nation ever experienced. The attack was the culmination of Japan's rapid grasp of technical and military power

which the Western world failed to realize, until it became obvious with Japan's attack on China in the 1930s. This course will examine Japan's military and economic progress, with particular emphasis on America's reactions to its initiatives which led to the Pearl Harbor attack. We will deal with such questions as: Did we know the attack was coming? What did the U.S. do to prevent the attack? What were the reasons for the intelligence failure? Sixty years after Pearl Harbor these questions still remain puzzling enigmas. Ralph Ostrich is adjunct professor of European history at Northern Virginia Community College and a consultant at TRW in strategic and international security policy issues. He is the author of many articles on security issues in the public and classified areas and has appeared frequently in all forms of the media.

305 The Civil War in Northern Virginia and Washington

Thursdays, 9:30 - 11:00

Lake Anne Church

Instructor: Robert Webb

After tracing the political, economic, social and geographic factors that led to secession and war, this course will focus on the occupation of Alexandria, skirmishes in Fairfax, Vienna and Dranesville, and the Union disaster at Balls Bluff and its consequences for Lincoln. The big battles of First and Second Manassas and the passage to Antietam and Gettysburg will be discussed, as well as the epic 1888 fight to save the Manassas battlefield from becoming a shopping center. Other actions will include Mosby's reign as a guerrilla commander in western Fairfax, Loudoun and Fauquier counties, the Union "Burning Raid" into Loudoun, the war years in Washington, the construction of forts throughout the region, and local celebration of the Union victory followed shortly by Lincoln's assassination.



Robert A. Webb had a 41-year career as newspaper editor, mostly at the *Washington Post*, and has written about the Civil War and historic preservation for the *Post* and other publications. He has taught courses at LRI about America's colonial history and other topics.

306 The Silk Road
Mondays, 9:30 - 11:00
Tallwood
Instructor: George Heatley

The ancient Silk Road between North China and the Europe/Middle East area was a trade route that carried much more than silk in both directions. This course will look at how, since the beginning of the Neolithic era, the trade and population flows along this restricted Central Asian corridor have contributed to increasing world influence for both ends of the Silk Road.

George Heatley has a master's degree in Chinese history from the University of California. He has taught previous LRI courses on Chinese history and culture, nomads and the origins of mankind.

307 Commemorating the Korean War
Mondays, 2:00 - 3:30
Tallwood
Moderator: Vince Boylan

[It has been fifty years since the war in Korea. Nine of our LRI members will give first person accounts of the day-to-day struggles and concerns that affected their lives during the Korean engagement. We will also have two guest speakers. Lt. General Stephen G. Olmstead (USMC Ret.) served as an infantryman with the First Marine Division and participated in the fierce fighting at the Chosin reservoir. He will be joined by Dr. Yunkuk David Kim who, after fleeing from oppression in North Korea, served in the Republic of Korea Army as an officer and interpreter for the U.S. Army.

Vince Boylan served in the Army in China during World War II and returned to active duty during the Korean War. He holds a master's degree in history from GMU.

308 French Sampler
Mondays, 2:00 - 3:30
Tallwood
Coordinator: Helene Layman

The GMU French Department invites you to explore a variety of topics that relate to the history, Literature and art of France.

- "Normandy in World War II": Patrice Mothion.
- "Marguerite Duras: 20th Century French Author": Janine Ricouart.
- "Les Antilles: Black, French and West Indian": Keith Warner.

· "LaFontaine Fables, as Illustrated by Major Artists": Raymond LePage.

400 LITERATURE & LANGUAGES

401 Women Playwrights in America
Wednesdays, 11:30 - 1:00
Tallwood
Instructor: Lorraine A. Brown

This course will cover the works of playwrights Susan Glaspell, Jane Bowles, Lillian Hellman and Tina Howe. These exceptional women have made significant contributions to the American theater. Their plays have been performed both on Broadway and in lesser-known venues. Although some of these names may be less well known, the playwrights are gifted and worthy of examination for their exploration of the American scene.

Dr. Lorraine Brown is professor of English, American studies and women's studies at GMU, where she has taught since 1967.

402 Hemingway-Alive and Well in
the New Millennium
Mondays, 9:30 - 11:00
Tallwood

Instructor: Jane Schmiedekamp

This course will introduce Hemingway- his life, his style, his legacy and a sampling of his stories. Students should have access to Hemingway stories from *In Our Time*, available at local book stores.

Dr. Jane Schmiedekamp is a retired Fairfax County school teacher, counselor and administrator. She holds a doctorate from Vanderbilt University. She has taught several literature courses at LRI.



403 Great American Short Stories *Tuesdays, 9:30 - 11:00*
Tallwood
Instructor: Paula Schwartz

A great short story, like a great poem, gives the reader "an explosion inside." In this course, several

outstanding stories by great American writers will be discussed and analyzed to see how that inner explosion is created. We will also see the changes in writing style from the last century to the present. The text for the course, *The American Short Story*, edited by Thomas K. Parker, will be available at the Tallwood Office for registrants a week before classes begin. Be sure to include a check for \$8.00 with your Registration Form for the book. Please read Poe's "The Purloined Letter" (page 103) and Edith Wharton's "The Mission of Jane" (page 425) before the first class.

Paula Schwartz spent the first half her adult life teaching English literature and drama, the second half writing historical romances. At LRI she has taught courses in song lyrics, poetry and the plays of Tom Stoppard and Bernard Shaw.

404 Poetry Workshop

Tuesdays, 11:30 - 1:00

Tallwood

Moderator: Barbara Achilles

Hearye! Hearye! Aspiring poets of all persuasions! The Poets of Tallwood invite you to join them in their weekly workshops for friendly critiques of works in progress or finished poems. Your unique views on any subjects are welcome with equal regard for serious or humorous poems, either in forms or in blank and free verse or in experimental efforts. The workshop has published two volumes of original poetry and is completing a third. The group has presented four annual poetry readings at LRI. Some members have won prizes in poetry competitions and have had poems selected for inclusion in a yearly regional anthology and other publications. Class limit: 20.

Barbara Achilles is a retired intelligence officer with a bachelor's degree in music from the University of Rochester/Eastman School of Music. She is a published poet and has been a member of the LRI Poetry Workshop for ten years, serving as its moderator for the last three years. She is a member of the National League of American Pen Women, the Poetry Society of Virginia and the Poetry Society of America.

405 American Short Story Workshop

Tuesdays, 2:00 - 3:30

Lake Anne Church

Instructor: Maggie Strom

During the first class, the instructor will offer an overview of selected American short stories, most

of them written between the two world wars. Thereafter, students will develop materials for class discussion of two or three stories per week on a rotational basis. In addition to analyzing a given story, the student/discussion leader will address the life and times of the author and place each story in relation to the works of the author's contemporaries. Thus, discussion will go beyond the ways in which an author develops character and plot and the manner in which different parts of the story contribute to its meaning.

Maggie Strom earned graduate degrees from the University of Maryland and George Washington University in literature. She has taught world literature, non-fiction writing and oral communication at several universities, including George Washington. She is currently a training and education consultant.

406 Literary Roundtable

Thursdays, 11:30 - 1:00

Reston Used Book Shop at Lake Anne

Moderator: Elaine Schwartz

Continuing the study of the short story, this semester we will read from *The Best American Short Stories of the Century*, edited by John Updike, available from Barnes & Noble and other bookstores and at *amazon.com* for the list price of \$18.95. Selections will include works by Jack London, Henry James and Charlotte Perkins Gilman. This is a group discussion course; members will be expected to help in leading discussions and to share their questions, insights and ideas. You do not have to have taken the previous course. Class limit: 20.

Elaine Schwartz, a retired teacher and LRI Board member, has led several discussion groups at LRI, including Great Books.

407 Writing and Selling a Short Story

Mondays, 11:30 - 1:00

Tallwood

Instructor: Peter A. Poole

We will discuss what makes a good story topic, review basic techniques of story-telling, talk about revising and polishing your story, and finally address marketing the story. Class participants will each write a short story and receive advice on revising and marketing it. Class limit: 20.

Peter Poole, a retired foreign service officer, is actively engaged in writing and marketing his fiction and nonfiction. He is completing a volume of short stories about a Vermont village, has recently won two cash prizes in

national short story contests, and has had a radio play accepted for production by an NPR station in Florida.

408 American Nature Writing

Thursdays, 2:00 - 3:30

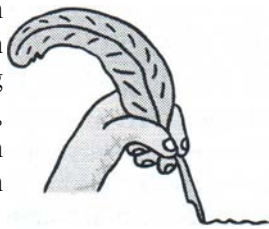
Tallwood

Instructor: Andrew Wingfield

This course will survey the great tradition of American nature writing. We will begin by reading and discussing selections from Emerson, Thoreau and Muir, and then work our way through the 20th century. Other authors

we will read include Mary Austin, Aldo Leopold, Rachel Carson, Wallace Stegner, Edward Abbey, John McPhee, Edward Hoagland, Annie Dillard and Terry Tempest Williams. We will see what these writers' work can teach us about American values concerning the importance of nature, the relationship between nature and civilization and the role of the individual in society. We will also pay particular attention to the writing process, asking questions about how observations jotted in a field journal become polished and profound essays. Students will have a chance to do some nature writing of their own, if they wish.

Andrew Wingfield earned his M.A. in English literature from the University of Chicago and his M.F.A. in creative writing from GMU. He teaches courses in writing and literature at GMU's New Century College. Fiction writing is his first love, but he also writes personal and critical essays and reviews-all dealing with the relationship between people and nature.



409 A Way With Words

Wednesdays, 9:30 - 11:00

Lake Anne Church

Instructor: Dorothy K. (Dot) Roberts

Come to this class expecting fun examining new words and origins of the expressions we use. Word games and puzzles will challenge your gray matter. There will be lots of class participation.

Dot Roberts taught at Padua Academy and, after retirement, taught courses on the English language and other subjects at the Academy of Lifelong Learning in Wilmington, Delaware. She is a graduate of Bryn Mawr.

410 Intermediate Italian

Thursdays, 11:30 - 1:00

Tallwood

Instructor: Renata Pia Bardo

This course is for those who have had previous exposure to Italian. Class participation and homework are expected. The course will focus on conversation as well as grammar. The textbook is *501 Verbs*, available at bookstores.

Renata Pia Bardo is a native of northern Italy and studied two years at Bocconi University in Milan. She has given private lessons to adults and children and taught at the Berlitz School of Languages for two years. She has taught at LRI for several years.

411 Spanish Conversation

Tuesdays, 11:30 - 1:00 Tallwood

Instructor: Aida I. Morales

Have fun practicing your Spanish in a relaxed atmosphere. Conversations will focus on topics selected by the group (such as, music, travel and food). Some knowledge of Spanish is required.

Aida Morales has served as co-teacher of several Spanish conversation groups at a local church and also helps individuals to improve their Spanish conversation skills.

500 PHILOSOPHY, ETHICS & RELIGION

501 Crises: Opportunities for Growth

Mondays, 2:00 - 3:30

Lake Anne Church

Instructor: Marjorie Battaglia

As people struggle through what may seem to be insurmountable crises in their lives, they often wonder how they will recover from their misfortune. But crises often present "gifts" that are not apparent at first glance. The opportunity for growth and development following a crisis can open doors to experiences that one would not have thought possible. This course will look at crises and their outcomes in light of the theory of positive disintegration by Kazimierz Dabrowski.

Marjorie Battaglia is a doctoral candidate in human development at Virginia Tech, where her dissertation involves Dabrowski's theory. She is currently director of the Reston/Herndon Senior Center.

502 Balanced Living for a Healthy Earth

Mondays, 11:30 - 1:00

Tallwood

Instructor: Peter B. Kelsey

Are we humans the top and final rung of the evolutionary ladder? Daniel Quinn in *Ishmael* suggests that, at one time in evolutionary history, the complex jellyfish "thought" itself the most highly evolved species in existence. Physicist and philosopher Peter Russell writes in *The Global Brain Awakens* that humans are continuing to evolve, not in physical form, but to a higher state of consciousness where we will live in balance with the rest of creation. He is optimistic and knows the earth will survive, but cannot be sure we will evolve in time to avoid our own extinction, taking thousands of other species with us.

Before it's too late, can we choose by our individual actions to leave a healthy earth as our legacy for our children, grandchildren and future generations? As a precursor to an eight session course in the spring term, we'll explore several personal choices for more balanced, conscious and less materialistic living. We'll diagnose "affluenza," the disease of over-consumption and prescribe voluntary simplicity, affluenza's increasingly popular antidote. We'll investigate socially responsible investing, putting our money to work in alignment with our values and other conscious choices for a healthy earth.

Peter B. Kelsey is a recovering lawyer, emerging butterfly and voice for the voiceless. Following graduation from Yale College and University of Virginia Law School, he practiced law for 23 years with the federal government and a large trade association. He emerged from a dark and transforming period in his life to found EcoStewards Alliance, a not-for-profit organization focusing on reducing consumption of the earth's resources through conscious choices for a sustainable future.

503 Science and Religion

Thursday, 9:30 - 11:00

Tallwood

Instructors: John Rybicki & Dr. William Carter

Western civilization developed forms of monotheism with its exclusivity of authentic beliefs, as well as

modern scientific skepticism and its challenges of accepted ideas. The natural conflict of the two forces touches more and more areas of modern life. Two scholars will examine several of these issues. John Rybicki will present the case histories of Galileo and the Church and also the 20th century "monkey trials." Dr. William Carter will give an update of how recent changes in both science and religion have reduced conflicts and will chair a panel to discuss views of various faiths.

John Rybicki is a scientist and consultant by vocation and a teacher of religion and Christian history by avocation: He has been a frequent teacher at LRI of courses on Christian history and beliefs.

Dr. William Carter holds a B.S. in physics from CarnegieMellon and an M.A. and Ph.D. from Caltech. He was chief of the weapons physics group at Los Alamos and held several other supervisory positions in defense research. He has a long term interest in the conflict and cooperation aspects of the science/religion paradigm.

504 "The One and the Many": Ancient Multi-God Faiths

Monday, 9:30 - 11:00

Tallwood

Instructors: John Burns & Linda Montross

Some of the ancient religions of the Mediterranean lasted thousands of years and were predecessors of monotheism. What did they contribute to their civilizations? Professor John Burns will discuss the religions of ancient Egypt and Mesopotamia, and Linda Montross will describe the religious practices of ancient Greece and Rome.

Professor John Burns is on the faculty of the Philosophy and Religion Department at GMU and has given many previous lectures for LRI. Linda Montross taught Latin in Fairfax County Public Schools.

505 Ethics in America

Wednesdays, 9:30 - 11:00

Tallwood

Instructor: Shirley G. Scalley

Class members will view and discuss documentary films from the Virginia Foundation for the Humanities that focus on some of the continuing ethical dilemmas in American life. In the films, panels of experts from the fields of medicine, law, politics, the press and others discuss issues and raise questions of conscience for the class to

consider. Each film is one hour, with the remaining time for class members to express their views.

Shirley Scalley is retired from the federal government where she worked as a computer specialist and network administrator. She has a bachelor's degree in philosophy from George Washington University and an A.A.S. (magna cum laude) in data processing from NOVA. She has been a substitute teacher of ESL at the Literacy Council and has led a Great Books discussion group at LRI.

600 SOCIAL STUDIES

601 "Gaming" at an American Embassy

Wednesdays, 11:30 - 1:00

Tallwood

Coordinators: Roman Lotsberg & David Reuther

This course might be called "Ambassador for a Day." Students will simulate Embassy officers facing a crisis. In preparation for this simulation, David Reuther, a seasoned, retired State FSO who has spoken at LRI previously, will discuss the work of the various Embassy officers at our first session. Then a randomly selected group, working from background materials written especially for this course, will take on Embassy roles in the third session, when they gather in a simulated Country Team meeting in the "Embassy's vault." Lessons learned will follow. In the second and fourth sessions, senior FSOs will present detailed accounts of crises overseas. Copies of the book, *Inside a U.S. Embassy*, and other materials will be provided.

602 First Amendment Issues

Mondays, 11:30 - 1:00

Tallwood

Coordinators: Nancy Bernhard, Beverly George, Barbara Lynch



The U.S. Constitution has been in existence longer than any other written constitution. Yet many of its features remain controversial, resulting in frequent law suits and court interpretations. Among the most controversial are the four "freedoms" of the First Amendment in the Bill of

Rights: press, speech, religion and assembly. At each session, two LRI members will take opposing positions on these basic tenets of American democracy; after which class members will be invited to ask questions and engage in the debate.

Ed Mentz, LRI president and host of a Reston TV show, will moderate.

603 What's Next for Reston: Making The Link Between Past and Future

Mondays, 11:30 - 1:00

Reston Storefront Museum at Lake Anne Coordinator: Sarah Larson

This course is one of a series of community programs sponsored by the Reston Historic Trust to engage citizens in discussion about what happens to our New Town now that the original Master Plan is built out. The four sessions, each featuring a different speaker, will move from the initial planning, building and peopling of Reston to a consideration of options for the future. The speakers are:

- Robert E. Simon, founder of Reston.
- Wayne Schiffelbein, architect.
- Sarah Larson, social historian.
- Patrick Kane, urban planer.

700 SCIENCE, HEALTH & TECHNOLOGY

701 Mathematics in the New Millennium

Tuesdays, 9:30 - 11:00

Lake Anne Church

Instructor: John T. Dockery

Mathematics seems remote even to well-educated people. For example, which of the following is *not* a branch of mathematics: homotopy theory, fuzzy set theory, category theory, Banach spaces, parking spaces, knot theory. Did you tick off parking spaces? Let's try another tack. How much is "about one" plus "about one"? You would say "about two". Now try "about a million" plus "about one." Only budget people spending the surplus would answer "about a million and one"; almost everyone else would say "about a million." This course, which might have

been subtitled a course on mathematics appreciation, will try to make some mathematical concepts understandable. You will hear a wry synopsis of real mathematics coupled with explanations of the two or three great concepts that bind all mathematics together. We will discuss fuzzy sets, catastrophe theory and chaos theory. You may not know that your camcorder is based on fuzzy set technology or that chaos theory explains financial markets, as well as the turbulent flow across an airfoil. Get a "cocktail hour" understanding of mathematics. Bring your worst fears. It's the only course requirement.

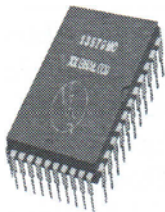
Dr. John T. Dockery has a Ph.D. in physics from Florida State University. His computing experience goes back to 1959 when he wrote his first program. Before retirement, he worked for the Joint Chiefs of Staff and had numerous other assignments.

702 Microelectronics

Thursdays, 2:00 - 3:30, Feb. 1, 8, 15

Lake Anne Church

Instructor: Edward J. LaClare



Note: Course begins during second week of term for three sessions.

Today's microchips have tens of millions of transistors on a piece of silicon the size of a fingernail. You will learn how they are used in digital computers to store data, perform calculations and conduct logic operations. The course will be of interest to

anyone fascinated by these modern wonders, including those who took the fall term course "Microchips: Miracles in Miniature" or toured the Semiconductor Fabrication Facility in Manassas. Edward J. LaClare, a retired Army officer and CIA senior intelligence analyst, holds a master's degree in electrical engineering from Purdue University.

703 Advances in Science

Tuesdays, 11:30 - 1:00

Lake Anne Church

Coordinators: Charles Bristor & Michael Coyne

A variety of speakers address scientific topics.

· "The FDA's Changing Role in Drug Development beyond the Genome Project": Dr. Nancy D. Smith, FDA.

· "High Pressure Water Jet Technology": Dr. William Cooley, LRI member.

· "Sand, Sweat and Scorpions-Mapping in Saudi Arabia": Charles Morrison, cartographer and retired international program manager at USGS.

• "Predicting Climate": Jim Laver, National Center for Environmental Prediction.

704 Coping with Hearing Loss

Tuesday, 9:30 - 11:00

Tallwood

Instructor: Harriet Kaplan

This course is appropriate for all people with any degree of hearing loss and their significant others, which is most of us. Technological aids and communication strategies not involving technology allow hard-of-hearing people to function comfortably. The following topics will be addressed:

• How the ear works, common causes of hearing loss and their effects on communication.

• Understanding state of the art hearing aid technology. How individuals can find hearing aids that work best for them.

• Assistive technology in addition to hearing aids. Included are amplification systems for group and individual communication, devices for television and telephone, alerting systems involving flashing lights, auditory or vibratory signals, and captioning. Cochlear implants will also be discussed.

• Speechreading (lipreading) and non-technological communication strategies.

Harriet Kaplan, an LRI member, is a retired professor of audiology from Gallaudet University. She holds a Ph.D. in hearing and speech science from the University of Maryland and has taught Elderhostels at Gallaudet University on the topic "Coping with Hearing Loss" for sixteen years.

705 Computer Connections Mondays, 2:00

- 3:30

Tallwood

Moderators: Michael Coyne & Ed Swoboda

Exchange information and questions with other computer users in a member-moderated discussion. The open forum format will allow less experienced users to profit from the guidance of more seasoned users and seek solutions to problems about hardware, software and the Internet. Guest experts may drop in from time to time.

Michael Coyne and Ed Swoboda are LRI members who enjoy sharing their knowledge of computers

800 OTHER

801 The Enneagram: Spiritual Guide To Your Power Within

Thursdays, 11:30 - 1:00

Lake Anne Church

Instructor: Marilyn Williams

The Enneagram has been described as a "spiritual Myers-Briggs" that enables people to identify their personality types, but more importantly helps them uncover the motivating factors that produce their behaviors. This course is designed to help you map new strategies to maximize your potential. Learn how to use the Enneagram as a spiritual guide to see beyond your limitations and unleash the power within.

Marilyn Williams, LCSW, is a professional speaker, consultant and trainer. As a certified Enneagram trainer,

she uses this tool to help people identify their personality types and uncover what motivates their action or inaction.

802 Intermediate T'ai Chi

Mondays, 2:00 - 3:00

Reston/Herndon Senior Center

Instructor: Michelle Carlson

This class is intended for persons who already have some training and experience in T'ai Chi, an exercise that uses ancient Chinese techniques often characterized as "meditation in motion." The emphasis is on balance, posture, breathing, concentration and relaxation. Wear comfortable shoes and clothing. Class limit: 15.

Michelle Carlson, who started studying T'ai Chi five years ago, is a graduate of the University of Chicago and taught in elementary schools for 30 years and in adult ed programs.