

COURSES

Unless otherwise noted, all courses are held at Tallwood in Fairfax (shown as *Tallwood*) or the church at Lake Anne in Reston (shown as *Lake Anne*).

100 ART, MUSIC AND DRAMA

101 Sculpture and Architecture in the 20th century

Tuesdays, 11:30 - 1:00, Tallwood Instructor: Lola Sherman

Though the most radical transformation of art in the 20th Century occurred in the area of painting, both sculpture and architecture also underwent revolutionary changes. Some sculptors, mimicking the painters, produced flat compositions that denied the inherent mass of sculpture. The introduction of radically new building materials and structural systems led to novel architectural tones. The course will study these early innovations as well as the postmodern rejection of modernism currently in vogue.

Lola Sherman taught in the Art Department at George Mason University from 1984 to 1992 as well as at Georgetown University and Montgomery College. A popular teacher at our LRI and at American University's LRI, she has also taught at the Smithsonian Resident Associates Program, the Jewish Community Center in Rockville and elsewhere in the Washington area.

102 Intermediate Watercolor

Thursdays, 1:30 – 3:30, Tallwood.

Instructor: Marion Reh Gurfein

Here's a chance for those with some water-color experience to share their knowledge and enthusiasm for watercolor painting. Students should be familiar with the use of materials. Emphasis will be on your individual approach to painting and having a good time.

Marion Geh Gurfein, a graduate of Cooper Union Art School, has been an artist, poetess, copywriter, art and marketing director, among other endeavors. This is the eleventh semester she has taught art classes at LRI.

103 Painting Workshop

Wednesdays, 9:30 - 11:00, Lake Anne (Museum)

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.

104 Sketching With Pencil and Ink

Mondays, 2:00 - 3:30, Tallwood

Instructor: Dick Hibbert

Learn about the materials and the techniques useful in sketching still lifes, landscapes and illustrations. Become acquainted with techniques for drawing with pencil, charcoal and ink. Class participation and homework assignments are expected. Class limit: 12.

Dick Hibbert is a graduate of Oregon State University and the University of Oregon School of Architecture. He was the Chief Architect for Navy Housing. He previously taught photography in the Fairfax County Adult Education program and currently is a private architectural consultant. He has been teaching art classes at LRI for several years.

105 Self-Portraits: Explore Your Art Abilities

Tuesdays 2:00 – 3:30, Lake Anne (Museum)

Instructor: Donna Cramer

YOU are both the artist and the subject in this course, which is open to novice and experienced alike. Each week we will focus on the new tech

niques that will help you express yourself in an artistic manner: drawing, color theory, collage and painting. We will also examine self-portraits of mature artists, including some who created autobiographical pieces without using their own physical self-image. By the end of the course, you may have a self-portrait, and you are sure to have more enthusiasm about the artistic process. Bring pencil, five sheets of paper, an eraser and a small mirror to the first session. Additional supplies will be suggested. This semester we will also have a guest model and an art reception for our last class.

Donna Cramer is a recent graduate of merit from Heatherley's Art College (London) two-year portrait painting program. Her work was selected for exhibition in the 1998 Annual British Royal Portrait Society Show in London. Her paintings have hung in many Washington-area venues, and she has had shows at the main campus of the Northern Virginia Community College and NOVA's Manassas campus. She currently teaches literature-based art courses to 7th and 8th graders. She also holds a master's degree in mental health nursing.

106 A Music Sampler

Tuesdays, 9:30 - 11 :00, Tallwood

Instructors: GMU Professors

Faculty from the GMU Department of Music will present a variety of musical treats.

- . "Handel and Mozart-The Great Northern Lights of Italian Opera": Thomas Brawley, Associate Professor, Music History and Literature
- . "That Good Ol' Squeeze Box., Music for the Accordion": Anthony Maiello, Professor and Director of Instrumental Music Studies
- . ""Italian Opera and the "Bel Canto' Donizetti and Bellini": Patricia Miller, Associate Professor and Director of Vocal Music Studies
- . "The Art of Conducting": Sheri Neill, Assistant Professor of Music Education and Director of the GMU Women's Chorale (which will perform for the class)

- . "The Power of Film Music: *Spartacus* the Hollywood Blacklist": Joseph Shirk, Professor and Chairman of the Department of Music
- . "Broadway at the Turn of Two Centuries-The 1900 and 2000 Seasons Compared. Stephen Burton, Professor, Theory and Composition
- . "Jazz History in a Nutshell": Glenn Smith Professor, Theory and Composition
- . "Marching to a Different Drummer: CI Ives, An American Original": Tom Owens, Assistant Professor, Music History and Literature

107 Singing for Fun

Thursdays, 2:00 - 3:30, Fairfax Christian Church. Instructor: Joyce DeVoll

LRI's choral group sings in unison, in and in ensembles, emphasizing popular music show tunes, golden oldies and a sprinkling of light opera. Dolores Ecklund will accompany singers on the keyboard. Classes will be held at the Fairfax Christian Church, 10185 Main Street: Fairfax City, near Gold's Gym.

Joyce DeVoll is a 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.

108 Readers' Theater

Thursdays, 11:30 - 1:00, Fairfax Christian Church

Coordinators: Lynn S. Gramzow and Ann Shell.

This class is for play enthusiasts who like to learn about plays while reading aloud scenes from plays of all types and from all eras, Shakespeare to modern Broadway plays, and even some written by members. This term we will include radio plays and learn how to use radio sound effects. The purpose is to enjoy the feeling of being another person without having to memorize

lines or act in front of an audience. Men readers are especially welcome. (See previous course for address of the church.)

109 Tuesdays at the Matinee

Tuesday afternoons, Cinema Arts Theater
Coordinator: Carol Ferrara

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 Rt. 236 and Pickett Road in Fairfax. Your Confirmation Letter will tell what time to meet for the first movie.

200 ECONOMICS AND FINANCE

201 Economic Issues

Tuesdays, 2:00 - 3:30, Tallwood
Coordinator: Ann Gladkowski

- "NAFTA: Building Block for a Hemispheric Trade Agreement": Dr. Maryse Robert, Organization of American States
- "Marx on Derivatives": Dr. Norman A. Bailey, economic consultant, former Special Assistant to President Reagan for International Economic Policy
- "Renewable Energy in U.S.": Joel Darmstadter, Senior Fellow, Resources for the Future
- "Electric Commerce: Opportunities and Challenges for Policymakers": Sarah Clelland-Knight, International Institute for Economics
- "Energy and Environment Policy Issues": Dr. Cora Morales Siddayao, consultant, retired from the World Bank as Senior Energy Economist (two sessions)
- "Why Tomorrow Will Be Better Than Today": Dr. Peter J. Boettke, Deputy Director of the James M. Buchanan Center and Professor of Economics, GMU
- "America and the World Trade Organization": a speaker from the Economic Bureau, Department of State

202 Investment Forum Wednesdays,

11:30 - 1:00, Tallwood

Moderators: Thomas Crooker, Frederic Bogar

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 u
at the college level and is a long-time student of the stock market.

Frederic Bogar is a retired chemist with an interest in evaluating methods of investing and in seeking value in the marketplace.

203 Money "Talks"

Mondays, 9:30 - 11:00, Lake

Anne Moderator: Shirley Smith

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

Shirley Smith is a retired teacher who has taught numerous workshops at LRI and for the Widowed Persons Service of Northern Virginia. A graduate of Bowling Green State University in Ohio, she believes in the value of reading and research

300 HISTORY AND INTERNATIONAL STUDIES

301 The German Enigma

Mondays, 11:30 - 1:00, May 1 - 22,

Tallwo { Instructor: Professor Ralph Ostrich
How did Germans come to embrace Nazism its institutions? This four-week course will d into the origins of German thought regarding anti-Semitism and the attitude toward Jews

within the German lands and populace from the Middle Ages onward. It will explore and answer the perplexing question: How could a people and nation that produced a Goethe, Beethoven, Kant and Einstein produce a perverted racist ideology culminating in Hitler and his regime?

Professor 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 arenas and has appeared frequently in all forms of the media.

302 Contented Cows, King Cotton and Couscous

Wednesdays, 11:30-1:00, Tallwood Coordinator: Harold Davey

Gain a cultural, political and economic perspective on the role of food and agriculture in history. Speakers from the U.S. Department of Agriculture, the Smithsonian Institution, McCormick & Co., the Embassy of India and international food policy organizations will explore various aspects of the subject. Topics will include the cultivation of cereals and the beginnings of civilization, the search for spices, the agricultural basis for the exploration of the New World, King Cotton, livestock in history, the Green Revolution and major issues in agriculture in the new millennium.

303 An Inside Look at Foreign Affairs

Tuesdays, 11:30 - 1:00, Tallwood

Coordinator: Roman Lotsberg

Again this term we will have retired Foreign Service Officers discussing issues of importance in foreign affairs and answering questions from class members.

- . "Continuing Problems in Intra-Balkan Relations": Ambassador Robert V. Keeley
- . "United States: Deadbeat or Player in the United Nations?": Ambassador C. Edward Dillery
- . "Human Rights: Why Intervention? When Ef

fective?": David E. Reuther, State Department.

. "Fergana Valley: The Troubled Heart of Central Asia": David Nalle, USIA

. "U.S. Perspectives on Africa and the Third World": Ambassador Donald R. Norland . "Central Asia and the Caucasus": Ambassa

dor Michael W. Cotter

. "The European Union: Partners or Competitors?": Ambassador Edward M. Rowell

. "Globalization: The International Financial Architecture": Michael Ely, State Department

304 The Sea Peoples: Destruction of the Bronze Age

Mondays, 9:15 - 11:00, Apr.3 - May I, Tallwood Instructor: Glenn Markus

Toward the end of the 13th century BC, an era of relative prosperity and stability in the eastern Mediterranean came to a shattering end. Within a brief period, we witness the destruction of the Hittite Empire and the collapse of the influence of pharaonic Egypt, the two superpowers in the region. Simultaneously, a wave of destruction sweeps through the Mycenaean world, resulting in the abandonment of its main centers of occupation. Cities in the Aegean and in the Levant are cast into the "Dark Age" that lasts, in some areas, for hundreds of years. Today some scholars lay much of the blame for these catastrophes on warrior bands, whom the Egyptian pharaoh Rameses III called the "Sea Peoples." This course examines intriguing questions about this period and why civilizations that had withstood countless upheavals in the past suddenly crumbled and fell. Note that this is a five-week course and each class starts at 9:15. There is a \$3 charge for course materials, payable at the first class.

Glenn Markus holds a bachelor's degree in philosophy and a master's degree with a concentration in Greek and Roman studies, both from The Johns Hopkins University. He has been an instructor at LRI since 1992.

305 Books and Writing: Transmission of Ancient Classical Texts

Mondays, 1:45 - 3:30, Apr. 3 - May 1,
Tallwood Instructor: Glenn Markus

In Greece the first literature was composed and handed down orally, without the aid of writing. Books were not common until the 5th century BC. Early manuscripts were transmitted through the centuries by copying. Many copies contained mistakes, deviations and interpretations not found in their originals. Most texts, however, are now forever lost to us. Great histories, poetry, plays, speeches, letters and other written works have disappeared entirely. Some were not copied or recopied. Others were accidentally lost or intentionally destroyed. Still others were written on materials that could not withstand the ravages of time. Ignorance, vanity, folly, economics, politics and chemistry have all played a part in destroying much of our knowledge about the classical past. These lectures will explore the transmission of the great literature of Greece and Rome from the collapse of empire through the Middle Ages and the Renaissance to the arrival of the printing press in the late 15th century. Note that this is a five-week course and each class will begin at 1:45.

See previous course for biography of Glenn Markus.

306 The U.S. and the European Union

Thursdays, 11:30 - 1:00, Lake Anne Instructor:
Dr. Peter A. Poole

What lies ahead for the European Union? Will the common currency lead to more rapid economic growth? Will the U.S. and EU clash over trade issues, or will we mainly work together to expand global trade? Can the EU become a more potent force in dealing with European security issues? Who makes the key decisions within the EU? How will the process change if and when the EU takes in the new democracies of Eastern Europe? Guest speakers from EU embassies and the U. S. Department of State will address these issues.

Dr. Peter A. Poole is a former Foreign Service Officer and U.S. Senate staffer. He taught international relations at the Naval War College, Old Dominion University and the University of Virginia Northern Center. During the last round of GAT trade negotiations, he served in the U.S. Embassy in Brussels.

307 America's Forgotten Centuries, 1492-1865

Wednesdays, 9:30 - 11:00, Tallwood Instructor
Robert Webb

For a century after Columbus arrived, no permanent English colony existed in the New World. For another century, few English settlers ventured even 50 miles inland, and for most of the third century, the 13 mainland colonies followed separate interests. This course will examine those often overlooked 300 years—politics, geography, commerce, technology, religion, traditions, European tumult, frontier terror and growing rebellion—to find the threads that finally wove a new nation.

Robert A. Webb retired in 1997 after a 41-year career as a newspaper editor, the last 32 years at the Washington Post. He has written about the Civil War and historic preservation for the Post and other publications, and he also conducts tours of Civil War sites.

308 The James---A River of History

Mondays,
11:30 - 1:00, Tallwood
Instructor: Allen J. Montecino, Jr.

The James River in Virginia may be the most historic river in America. By following the events along the James, much of the essential story of early America can be told. The river became the highway that brought early prosperity to the Colony of Virginia. The unique lifestyle and plantation economy that evolved on the banks of the James produced some of the leaders of the American Revolution and four of our first five presidents. That lifestyle also spawned slavery, the cancer that ate at America's core until the Civil War came to its melancholy conclusion with Lee's surrender near a small tributary of the

James River called Appomattox Creek.

Allen Montecino is a retired Air Force officer with a master's degree in American history from George Mason University. He has taught a number of courses on American history and presented computer instruction courses since he joined LRI in 1991.

309 Nationhood: American History Revisited

Tuesdays, 11:30 - 1:00, Lake Anne

Instructor: Michael Styles

The United States is increasingly at odds with itself over such issues as immigration, multiculturalism, moral values, crime and violence, the role of government, and how far we should go in caring for the disadvantaged. Are these new issues? Are things worse than they used to be? Are we headed toward separate societies? Are there common threads that can hold Americans together? In the belief that history can provide helpful clues, if not final answers, this course will revisit 400 years of American history from a perspective that was not generally in vogue during our younger years. There will be ample opportunity for class discussion.

Michael Styles is a former Foreign Service Officer who developed a post-career interest in trying to understand the present by delving into the historical record, particularly as it concerns our national character. He has taught this course several times at Tallwood.

310 Eight Civil War Battles In and Around Virginia

Thursdays, 11:30 - 1:00, Tallwood

Instructor: John Carter

Our area is rich with historic sites relating to the Civil War. This course will cover First Manassas, Ball's Bluff, Fredericksburg, Second Manassas, Antietam, Chancellorsville, Gettysburg and the Appomattox Campaign, with a possible trip to one or more of the battlefields.

John Carter is an Associate Dean of Admissions at

George Mason University and has been at GMU since 1984. He has a master's degree in psychology from GMU and a B.A. in history from the University of Tennessee. He has taught several courses on early American history at LRI.

311 Exploring Local History

Thursdays, 2:00 - 3:30, various locations

Coordinator: Art Cook

Listen to the past speak through visits to local historical sites. Docents will lead our group at each site. Considerable walking is involved, and some stair climbing. Details about the visits and maps will be included in your Confirmation Letter. Cost is \$13 to cover admission fees. Include a separate check with your Registration Form. These are the sites we plan to visit:

- . Woodlawn Plantation.
- . Cherry Hill in Falls Church
- . George Washington Masonic Temple
- . Herndon Depot
- . Gunston Hall
- . Freeman House in Vienna
- . Carlyle House
- . Claude Moore Farm

312 Great Decisions

Thursdays, 2:00 - 3:30, Tallwood

Moderator: Jacqueline Bivens

Continuing an LRI tradition, this is a discussion class, with members taking turns serving as discussion moderators. A background text with suggested references from the Foreign Policy Association is available for \$12 in the office at Tallwood. The weekly topics this term:

- . U.S. Interests in the World: Time for a Re definition
- . Russia: Report Card on Survival
- . Indonesia in Aftershock
- . The Military: What Role in U.S. Foreign Policy?
- . Middle East Realignments: New Directions for the Next Millennium?
- . The Euro's Challenge to the Dollar: King Kong vs. Godzilla?

- Africa: Prospects for the Future
- . Defining Humanitarian Intervention

Jacqueline Bivens has often participated in the Great Decisions classes at LRI and is on the Board of Directors. She has a degree in English and political science from the University of Texas.

313 Great Decisions

Thursdays, 9:30 - 11 :00, Lake Anne
Instructor: Charles L. Sykes

This discussion course focuses on analyzing the same subjects listed above. The text will be available for \$12 at the first class at Lake Anne.

Charles L. Sykes worked for 30 years for CARE, serving as director in Poland, Pakistan, India and Egypt. He has contributed to international assistance reform measures undertaken by Congress and the World Bank. After CARE, he was Deputy Assistant Secretary of State in the Bureau of Population, Refugees and Migration, where his responsibilities included refugee programs in Indochina, Rwanda and Liberia. Mr. Sykes now serves on the Board of Partners for Development, which has projects in Bosnia and Cambodia.

400 LANGUAGES

401 Italian the Fun Way

Tuesdays, 9:30 - 11 :00, Apr. 18 - May 23,
Tallwood

Instructor: Renata Pia Bardo

Planning a trip to Italy? Pick up the language you will need for most everyday situations, from meeting people to asking for directions, using the telephone, dining and shopping. Basic grammar will be included, and some homework is recommended. This class is for beginners as well as a refresher course for those who have some knowledge of the language. The text is *Ultimate Italian*, by Salvatore Bancheri. Note the dates for this six-week course.

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.

402 French Conversation

Mondays, 11:30 -1:00, Tallwood
Instructor: Odette B. O'Donnell

Again this term you can enjoy practicing your French in a relaxed atmosphere. Conversations will focus on everyday life in France, vacation: and national and international news.

Odette B. O'Donnell taught French and Farsi for 20 years at the federal government's Language School. She has been teaching French at LRI for several years.

500 LITERATURE

501 Hemingway: His Posthumous Works

Wednesdays, 9:30 - 11:00, Apr. 5 - 26,
Lake Anne

Instructor: Dr. Jane Schmiedekamp

Ernest Hemingway's 100th birthday in 1998 prompted literary celebrations around the world. In this four-week course we will review writings published after his death: *A Moveable Feast*, *Islands in the Stream*, *Garden of Eden* and, published in 1999, *True at First Light*.

Dr. Jane Schmiedekamp is a retired Fairfax County schoolteacher, counselor and administrator. She holds a doctorate from Vanderbilt University. This is the fourth course she has taught at LRI.

502 Great Books Discussion Group

Tuesdays, 9:30 - 11 :00, Lake Anne
Moderator: Shirley Scalley

The books to be discussed survey the best that has been thought and said in the Western tradition. We will analyze the ideas in works by great thinkers as Aristotle, Plato, Chekhov and Conrad, with the goal of gaining insights into fundamental questions raised by the texts. Order the First Series in the Great Books Reading and

Discussion Program by calling the Great Books Foundation (1-800-222-5870) or ordering over the Internet (www.greatbooks.org). The two-volume First Series includes a Reader's Aid. Allow two weeks for delivery. The cost is \$24.95 plus shipping. Class limit: 15.

Shirley Scalley is retired from the federal government, where she was a computer specialist and network administrator. She has a B.A. degree in philosophy from George Washington University and an A.A.S. (magna cum laude) in data processing from NVCC. She attended the leadership training course given by the Great Books Foundation and is well versed in its shared-inquiry method. She is a substitute teacher of ESL at the Literacy Council.

503 Great Books Discussion Group

Thursdays, 9:30 - 11:00, Tallwood

Moderator: Elaine Schwartz

This Great Books discussion class will focus on order and chaos. Does society fall apart when we forget the strength of kinship bonds? Are some people natural victims? Is androgyny an ideal that we should aspire to? Those are just three of the questions we will grapple with. Gogol, Euripides and Flannery O'Connor are some of the authors whose works we'll read and discuss. Participants are expected to read each weekly selection. Order the book, "Order and Chaos," from the Great Books Foundation (see previous course description for telephone number and web address).

Elaine Schwartz, a retired teacher and LRI Board member, has led Junior Great Books for upper elementary gifted classes and Great Books discussion groups for seniors, including LRI.

504 Literary Roundtable

Thursdays, 11:30 -1:00, Lake Anne (Used Book Shop)

Moderator: Lydia Macdonald

Continuing the study of the short story, this semester we will read from *The Oxford Book of American Short Stories*, edited by Joyce Carol Oates. The paperback book is available for \$17.95 at bookstores or over the Internet. 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.

Lydia Macdonald, a member of the LRI Board and the Program Committee, has a degree in English literature from the University of Illinois, a master's degree in reading and curriculum from VPI, and a teaching degree from Hunter College. She has taught ESL, GT and 3rd through 6th grade elementary students in Fairfax County Public Schools and has taught writing to senior citizens.

505 Poetry Workshop

Tuesdays, 11:30 -1:00, Tallwood

Moderator: Barbara Achilles

Hear ye! Hear ye! Aspiring poets of all persuasions: The Poets of Tallwood invite you to join them in their weekly workshop for mendly 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 contemplating 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 H. 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.

506 Life Story Writing Workshop

Tuesdays, 9:30 - 11:00, Tallwood

Moderator: Dr. Barry Berkey

The workshop is geared to LRI members who are enthusiastic about writing their life stories. It

is designed to get the project rolling. The emphasis is on writing well, whether your aim is a published autobiography or a memoir for yourself or your family. The workshop setting provides an interactive environment of creative stimulation, support and feedback where everyone brings in manuscript segments and participates in class critiques. For both beginners and experienced writers. Regular attendance important. Class limit: 10.

Bany R. Berkey, M.D., has degrees from W&J College and the University of Pittsburgh School of Medicine and is a retired clinical psychiatrist. He continues a writing career that began in the early 1960s and includes four books for adults and four for children (some co-authored with his wife). He has written dozens of freelance articles in magazines and newspapers, including the *Washington Post*, *Potomac Review*, *Stitches* and the *Philadelphia Inquirer*. This is the seventh tenn he has taught the Writing Workshop at LRI.

600 PHILOSOPHY. ETIDCS & RELIGION

601 Bioethics: Introduction and Discussion

Mondays, 11:30 - 1:00, Apr. 3 - 24, Tallwood
Moderator: Sue Swift

The latest advances in medicine and technology raise questions that would not have arisen a century ago. In this four-week class we will discuss some controversial ethical issues surrounding these advances, such as reproductive technologies, genetic testing, genetic engineering, physicianassisted suicide, organ transplantation and research on human subjects. The book *An Introduction to Bioethics*, 3rd edition (1997), by Thomas A Shannon (available in paperback) will be used as the basis for discussion and is required reading. Please read Chapters 1,2,3 and 5 prior to the first class meeting. This class is a repeat of the summer 1999 class. Class limit: 25.

Sue Swift has a master's degree in biochemistry and has kept up an interest in all scientific fields while working with computers for 23 years.

602 Basic Questions of the World's Religions

Tuesdays, 2:00 - 3:30, Tallwood
Instructor: Bruce O. Boston

Despite their different histories, cultural settings and a staggering variety of beliefs and practices, all the great religions of the world deal with similar large but very basic questions: What matters? What is the nature of reality? What are the origin and destiny of the cosmos, the world and human beings? Is this all there is? What is the true nature of God (Spirit, the Transcendent)? How can we relate to this? What path(s) can we follow in our religious quest? Why is there evil? The course will follow these and other questions through the world's great religious traditions: Hinduism, Buddhism, Confucianism, Taoism, Judaism, Islam and Christianity. Recommended reading: *The World's Religions*, by Houston Smith.

Bruce O. Boston earned his B.D. and Ph.D. degrees from Princeton Theological Seminary and taught dozens of courses in religion and theology for colleges and churches. His personal Credo is that "God is not in the answers business; God is in the questions business." He earns his dail: president of Wordsmith, Inc., a writing and editorial consulting company in Reston.

603 A Brief Review of the Old Testament

Mondays, 9:30 - 11:00, Tallwood
Instructor: Lotfollah "Larry" Nahai

We won't cover the Old Testament fi just eight weeks, but the course will high] our basic concepts--legal, moral and judi have their roots or inspiration in the Old ~ ment. We'll look at three kings ofIsrael:] Solomon and Josiah and at Isaiah, Job an. Jeremiah as well as women in the Old Te Other topics of interest to the class will a] considered.

Lany Nahai was born in Iran and educated at American College in Teheran. He has adv degrees from the University of London in engineering and geology and in business ~ stration from George Washington Univer. has been a long-time student of the Bible.

604 Invitation to Philosophy

Tuesdays, 2:00 - 3:30,
Lake Anne (Used Book Shop)
Instructor: Jane Wilhelm

This course is for anyone curious about such major questions as What is real? How do we know? What is good, right, beautiful? We'll look at philosophy's contribution to religion, ethics, esthetics, human nature and politics. The suggested text, which is not required, is *Invitation to Philosophy*, by Honer, Hunt and Okholm, 8th edition. It will be available in March at the Barnes & Noble store in Reston.

Jane Wilhelm has a master's degree in philosophy and religion from Duke University and did graduate work in philosophy at Yale and Radcliffe. She taught in various fields for 30 years.

700 SOCIAL STUDIES

701 Is Seeing Believing? A Bird's-Eye View of Politics

Thursdays, 11:30 -1:00, May 4 - 25,
Tallwood

Instructor: Janette Kenner Muir

This four-week course is for anyone who wants to look at, think about and talk over some of the visual aspects of politics. From political debates to political advertising, we will take a walk down memory lane and carefully examine the ways political candidates have tried to sell themselves to the public. Bring along your political buttons and old propaganda; we'll talk about how persuasive these items really are and suggest ways to watch Campaign 2000.

Janette Kenner Muir is the Acting Dean of New Century College. She has a Ph.D. from the University of Massachusetts in rhetorical studies with an emphasis in political communication. She has worked at George Mason University for ten years, both as a tenured associate professor in the Communication Department and as Unit leader in New Century College. Recently, she traveled to New Hampshire with 30 students to observe the 2000 primary campaign.

702 The Two Virginias

Mondays, 2:00 - 3:30, May 1 - 22, Lake Anne
Instructors: Senator Janet Howell
Delegate Ken Plum

Virginia has historically been a state torn between its northern and southern sections. That legacy endures today. The local needs of Northern Virginia are often at odds with those of the other parts of the state. Issues abound. Why are transportation dollars so hard to come by in Northern Virginia? Should state monies be allocated so students in the poorest southern counties have a chance at an education comparable to that of their northern counterparts? In this four-week course two members of the Virginia legislature from our area will talk about these and other subjects and bring us up to date on the outlook in the state legislature. There will be time for discussion.

Senator Janet Howell was elected to the Virginia Senate in 1991, following 15 years of community service. She was a PT A president, RCA president, State Board of Social Services chair, and Reston Interfaith Board member. A graduate of Oberlin College, she also has a master's degree in international relations from the University of Pennsylvania.

Delegate Kenneth Plum has been a Delegate to the Virginia House of Delegates since 1982 and is Chairman of the Virginia Democratic Party. He has a B.A. from Old Dominion University and an M.Ed. from the University of Virginia. Formerly director of Adult and Community Education for Fairfax County Public Schools, he was instrumental in helping start our LRI.

800 SCIENCE. HEALTH & TECHNOLOGY

801 Genetic Revolution and Its Implications

Thursdays, 2:00 - 3:30, Apr. 6 - 27, Lake Anne
Instructors: Leslie A. Platt and Erin D. Williams

The rapid expansion of information about genetics flowing from the Human Genome Project is leading to major medical and other applications and implications for our society. These

advances have the potential to cure or prevent previously debilitating diseases and to benefit us in other ways. At the same time, the availability of genetic information to health-care providers, insurers, employers and others can have significant impacts on our lives and, if misapplied, serious consequences reinforcing prejudices, rekindling eugenics movements and increasing inequities that society has sought to abate. This four-week course will explore these matters.

Leslie A. Platt is the President and Director of the Foundation for Genetic Medicine, Inc., and Erin D. Williams is its Associate Director.

802 Science Topics

Thursdays, 11:30-1:00, Tall wood Coordinator: Ann Gladkowski

- . "Biocomplexity in the Environment": Dr. Marge Cavanaugh, National Science Foundation
- . "Nuclear Safety, Weapon and Power": Dr. Bany Hannah, U.S. Navy Strategic Systems Program
- . "Between Apes and Computers: What's Left in Between for Humans?": Dr. James S. Trefil, Robinson Professor of Physics, GMU
- . "Myofascial Chronic Pain": Nancy Shaw, Myofascial Pain Control Clinic
- . "Water and Energy: Atmospheric, Vegetative and Earth Interactions": Dr. L. Douglas James, National Science Foundation
- . "Oyster Farming in the Bay": James Renfro, LRI
- . "NOAA's Climate and Global Change Research": Dr. John Kermond, National Oceanic and Atmospheric Administration

803 What We All Ought to Know About Nuclear Technology

Mondays, 9:30 - 11:00, Apr. 3 - 24, Tallwood Instructor: Edward J. LaClare

This four-week course is for the layperson interested in learning more about nuclear technology. The discussion will begin with the basics

of the atom and key aspects of nuclear physics and conclude by looking at how these principles are applied in the design of nuclear power reactors and nuclear warheads. The goal is to gain a better understanding of real-world issues ranging from the future role of nuclear power in the U.S. to problems posed by North Korean reactors to possible consequences of the Nuclear Test Ban Treaty.

Edward J. LaClare, a retired Army officer and CIA senior intelligence analyst, holds a master's degree in electrical engineering from Purdue University

804 Introduction to Ecology

Thursdays, 9:30 - 11:00, Tallwood Coordinator: Carolyn Williams

If you've ever wondered how nature works, this course is for you. Learn from experts how all living and non-living things on earth relate to each other and why an understanding of this is something we should all care about. Dr. Jane Huff, Environmental Education Director of the Audubon Naturalist Society, will kick off the series with a lecture on the fundamentals of ecology and wrap it up with a session on human ecology. Dr. Gary Evans, Environmental Policy Analyst/Director at the National Rural Electric Cooperative Association, will speak on mid-Atlantic forest ecosystems and the ecology of grasses. Dr. Al Manville of the Office of Migratory Bird Management of the U.S. Fish and Wildlife Service, will discuss wildlife ecology. Cliff Fairweather, a sanctuary naturalist, will cover fresh water ecosystems and take the class on a field trip to the ANS Webb Sanctuary in Clifton, VA.

805 Natural Disasters: Could They Happen Here?

Mondays, 11:30 - 1:00, Lake Anne Coordinator: Mary Kornreich

Earthquakes caused massive destruction in Turkey and Taiwan. Hurricane Mitch brought floods and landslides. The earth orbits in a cos

mic shooting gallery and could be devastated if hit by an asteroid or meteorite. In this course renowned experts will help us understand the causes and impacts of natural disasters. A member of Fairfax County's heroic crisis response team will tell us about actual rescues he has participated in. Audio-visual presentations include erupting volcanoes, colliding asteroids and dramatic rescues.

- . "Introduction: The Earth": Tim Cohn, U.S. Geological Survey
- "Response to Natural Disasters": Dan Bickham, Rescue Team Manager, Virginia Task Force One
- "Volcanoes": Rosalind Helz, USGS
- "Hurricanes and Tropical Storms": Harry Lins, USGS
- "Floods, Landslides and Hurricane Mitch: A Case Study": Paul Hearn, USGS
- "Droughts": Harry Lins, USGS
- "El Nino, La Nina and Other Wacky Weather Phenomena": John Kermond, National Oceanic and Atmospheric Administration
- "Threats From Outer Space: Comets, Asteroids and Meteorites": Harold Geller, GMU

806 Aging Gracefully

Wednesdays, 9:30 - 11:00, Tallwood
Coordinator: Charlotte Chapman

Guest speakers with expertise in the medical field will offer us insight on concerns of older adults. Among the topics: skin care, cosmetic and reconstructive laser eye surgery, biofeedback and hypnosis for pain management, meeting health needs while traveling, and hearing loss and what you can do about it.

807 Are Computers Gaining on Us?

Wednesdays, 11:30 - 1:00, Tallwood
Instructor: Adele O'Connell

Class members will read and discuss portions of *The Age of Spiritual Machines: When Computers Exceed Human Intelligence*, a book

by Ray Kurzweil, considered one of the great scientists, inventors and visionaries of our time. He says we have only until about 2020 before computers will be smarter than we are in every measurable way and we need to figure out how to deal with conscious machines as soon as possible. Much of what he writes is compelling and should make for lively discussions. Penguin publishes a paperback edition of the book.

Adele O'Connell is an eight-year member of LRI with a strong interest in science and technology and careers in medical management and residential real estate sales.

808 Computer Connections

Mondays, 2:00 - 3:30, Tallwood

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. At one session a guest expert will answer questions about using the Mac.

900 OTHER

901 Genealogy for Beginners

Wednesdays, 9:30 - 11:00, Tallwood
Instructor: Pat Bray

Designed for the serious-minded beginner who wants to discover his or her American family ancestry, the course will begin with suggestions on organizing your search, then move on to finding the facts in federal censuses, vital records and other areas important in genealogical research. There will be lectures, assignments, field trips, open discussion and one-on-one assistance. Class books will cost about \$8.

Pat Bray is a Certified Genealogical Record Specialist (CGRS) and has taught at LRI since 1995. He retired from IBM and has been pursuing his hobbies of history, genealogy and travel. His com

munity activities have included serving as chairman of the Fairfax County History Commission, president of the Northern Virginia Association for History, vice president of the Historical Society of Fairfax, and vice president of the Fairfax Genealogical Society. He is a member of numerous genealogical and historical groups.

902 The Enneagram: Spiritual Guide to Your Power Within

Thursdays, 9:30 - 11:00, Apr. 6 - 27,
Tallwood Instructor: Marilyn Williams, LCSW

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 four-week

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.

903 The Enneagram: Spiritual Guide to Your Power Within

Tuesdays, 11:30 - 1:00, Apr. 4 - May 16,
Lake Anne

Instructor: Marilyn Williams, LCSW

See description of course above. Note that this course is seven weeks.