

Course Prefix	Course Number	Course Title	No. of Units	Lecture Hours Per Week	Lab Hours Per Week	Learning Hours Per Week
MST	101	Aquarium Management	1.5	1	5	4/0
RE 2	← Repeatability model and number of repeats					

## Emeritus Accounting

### ACCT 229X 0/1 or 2/0/0 IMPROVING INVESTMENT PERFORMANCE (EI)

Designed for improving investment performance for the beginner and the experienced investor. Provides information on preservation and growth of financial assets. R 99

### ACCT 231X 0/2/0/0 ESTATE PLANNING (EI)

Discusses taxes, administration, and distribution of estates. Emphasizes revocable living trusts, wills, probate, tenancy, and health care alternatives. R 99

### ACCT 232X 0/1 or 2/0/0 STOCKS AND BONDS MANAGEMENT (EI)

Studies global economics, bond markets, stock markets and mutual funds. Structured to help investors develop their own investment philosophy. R 99

### ACCT 299 .5-4/.5-4/.5-9/.5-9 SPECIAL TOPICS

The Special Topics course is a grouping of short seminars designed to provide students with the latest ideas in a field of study. The course content is thematic in nature and each seminar within the course differs from other offerings in the same course. R E 1

## Emeritus Adapted Physical Education

see Emeritus Kinesiology-Adapted

## Emeritus Art

### ART 10X 0/1.5 or 1/1 or 2/0 CERAMICS HANDBUILDING (EI)

A practical and historical introduction to the material involving all aspects of the ceramics process. The course will include handbuilding, trimming and finishing, firing and glazing. R 99

### ART 11X 0/1/2/0 BEGINNING CERAMICS-WHEEL (EI)

Introduction to beginning techniques of ceramics wheel building, with emphasis on traditional shapes and forms. Includes wheel throwing techniques, trimming, finishing, firing and glazing. R 99

### ART 12X 0/1.5 or 1/1 or 2/0 INTERMEDIATE CERAMICS (EI)

**Recommended Preparation: ART 11X**  
Covers theory, materials and techniques of ceramics at an intermediate level. Includes design-forming techniques, including use of the potter's wheel, glazing and firing. R 99

### ART 13X 0/1.5 or 1/1 or 2/0 ADVANCED CERAMICS (EI)

**Recommended Preparation: ART 12X**

Course directs advanced projects in ceramics with emphasis on use of the potter's wheel. Evaluation of forms and creative use of ceramic concepts and materials will be emphasized. Design, forming and glazing techniques will be presented. R 99

### ART 14XA 0/1/1.5 or 2/0 BEGINNING CERAMICS-SLIPCASTING (EI)

Teaches theory and basic techniques in ceramics including pouring slip into molds (slipcasting), finishing, carving, underglaze, glaze, overglaze applications, and firing. R 99

### ART 14XB 0/1/2/0 INTERMEDIATE CERAMICS- SLIPCASTING (EI)

**Recommended Preparation: ART 14XA**  
Intermediate level theory and technique in low firing clay to high porcelain slip-casting. Exploration of basic functions, forms, color, glazing and decorative techniques. R 99

### ART 14XC 0/1/2/0 ADVANCED CERAMICS-SLIPCASTING (EI)

**Recommended Preparation: ART 14XB**  
Advanced ceramic slipcasting techniques including concepts which allow greater exploration of personal work. Advanced glaze concepts and ceramic product exploration will be emphasized including red and specialty glazes and advanced use of forms. R 99

### ART 14XD 0/1/2/0 ART OF CERAMIC DECORATING (EI)

Theory and techniques for application of translucent underglaze, review of basic underglaze, techniques in specialty glaze, transfer designs. Students' advanced projects will provide for application of theory and practice of techniques. R 99

### ART 15X 0/1/2/0 FABRIC DRAPING PORCELAIN (EI)

Explores the theory and practice of draping porcelain figures. Casting the mold, lace and fabric draping, china painting, and spray glazing are included. R 99

### ART 20X 0/2/0/0 ART APPRECIATION (EI)

Focuses on the fundamentals of art, as well as the major developments that shaped the evolution of the Western art. R 99

### ART 25X 0/2/0/0 ART HISTORY (EI)

Surveys the history of Western art. Focuses on major works of lasting significance from primitive to modern. R 99

### ART 28X 0/2/0/0 CONTEMPORARY ART AND CULTURE (EI)

Emphasis on 20th century art, culture, and architecture. Explores cultural forces that shaped the arts and how the arts, in turn, shaped diverse cultures. R 99

### ART 31XA 0/2/1/0 BEGINNING INTARSIA (EI)

**Recommended Preparation: ART 61XA**

Different types of intarsias: landscape, geometric designs, color designs, faces and people, birds and animals. R 99

### ART 31XB 0/1/2/0 INTERMEDIATE INTARSIA (EI)

**Recommended Preparation: ART 31XA**

Develop a perspective of intarsia by size and color. Includes details on faces, animals, and birds. Advanced methods in pointing and fitting of stone, and channel work are included. R 99

### ART 33XA 0/1/2/0 BEGINNING ENAMELING (EI)

Introductory studio course on basic enameling techniques for the beginner. R 99

### ART 33XB 0/1/2/0 INTERMEDIATE ENAMELING (EI)

**Recommended Preparation: ART 33XA**  
A studio course emphasizing traditional and contemporary concepts, processes and techniques in enameling at an intermediate level. R 99

### ART 34XA 0/1/2/0 CHINA PAINTING-CLEAR, DESIGN (EI)

Designed to explore and practice techniques of china painting with an emphasis on color and design. Touches on European, conventional and naturalistic designs. Techniques include inking, gold, enameling, and lustre. Develops creative expression. R 99

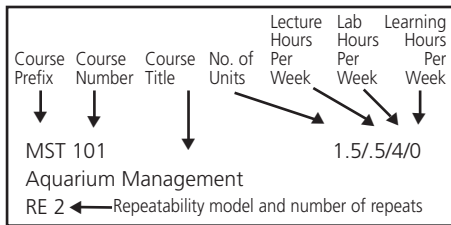
### ART 35XA 0/1/2/0 BEGINNING STAINED GLASS (EI)

Designed for beginners to explore and practice techniques of stained and leaded glass art and copper-foil technique in Tiffany lampshades or panel projects. R 99

### ART 35XB 0/1/2/0 ADVANCED STAINED GLASS (EI)

**Recommended Preparation: ART 35XA**

Designed to explore the possibilities of working in glass by utilizing the kiln to fuse, tack, and slump objects using tested compatible glass. Create a variety of projects incorporating techniques learned in previous 'cold glass' courses. R 99



**ART 36XA 0/5 or 1/1 or 2/0**  
**BEGINNING JEWELRY METAL FABRICATION (EI)**

Includes theory, demonstration, and practice in design and construction of jewelry made by fabrication for decorative wear. R 99

**ART 36XB 0/5 or 1/1 or 2/0**  
**INTERMEDIATE JEWELRY METAL FABRICATION (EI)**

**Recommended Preparation: ART 36XA**

Introduction to intermediate methods, materials, and practices in the construction of jewelry by metal fabrication. Includes the study of design for making rings, chains, brooches, pendants, and the decorating and setting of stones in jewelry. Necessary tools, their uses, and types of metals will be discussed. R 99

**ART 36XC 0/1/2/0**  
**ADVANCED JEWELRY METAL FABRICATION (EI)**

**Recommended Preparation: ART 36XB**

Offers advanced theory, fabrication techniques, and materials in more complex jewelry and metal fabrication. Included are metal chain construction, stone mountings, box construction, fringes, repousse, milling, textured surfaces and bead construction. Production methods will be discussed. R 99

**ART 39XA 0/1/2/0**  
**BEGINNING JEWELRY DESIGN LOST WAX (EI)**

Includes theory, demonstration, practice and design in construction of jewelry made by the lost wax method for decorative wear. R 99

**ART 39XB 0/1/2/0**  
**INTERMEDIATE JEWELRY DESIGN LOST WAX (EI)**

**Recommended Preparation: ART 39XA**

Introduction to advanced methods, materials and practice in the construction of jewelry by the lost wax method. Design and development of complex projects including mold making, finishing and decoration. R 99

**ART 41X 0/1/2/0**  
**ART MEDIA STUDIES (EI)**

Older adult students are introduced to art media and related fine arts processes. Traditional and contemporary processes in fine art/mixed media and related processes; drawing, painting, printmaking, collage and assemblage in both two dimensional and three dimensional art forms. R 99

**ART 50X 0/5 or 1/1 or 2/0**  
**BEGINNING PAINTING IN OIL/ACRYLIC (EI)**

Includes the basic elements of drawing, color, design and painting as the older adult learns the use of materials and techniques in oil, acrylic, and other media. Emphasizes individual style and expression. R 99

**ART 51X 0/5 or 1/1 or 2/0**  
**INTERMEDIATE PAINTING IN OIL/ACRYLIC (EI)**

**Recommended Preparation: ART 50X**

Designed for older students who have some basic knowledge of color, composition and perspective and who wish to improve techniques, develop creativity and use their own resource materials. Introduction of techniques into abstract and non-objective painting in oil, acrylic, and other media. R 99

**ART 52X 0/5 or 1/1 or 2/0**  
**ADVANCED PAINTING IN OIL/ACRYLIC (EI)**

**Recommended Preparation: ART 51X**

Designed for older adults who have basic knowledge of color, composition and perspective and who wish to improve techniques, develop creativity and use their own resource materials. Introduction of techniques into abstract and non-objective painting in oil, acrylic, and other media. R 99

**ART 53X 0/5 or 1/1 or 2/0**  
**PAINTING IN SUBJECT AREAS (EI)**

**Recommended Preparation: ART 52X**

Provides theory and demonstration of material, applications, and techniques in a variety of subject matter and art mediums. Various exercises in the use of material, composition, perspective, and values. R 99

**ART 54X 0/1/2/0**  
**PORTRAIT PAINTING IN OILS, WATERCOLOR AND PASTELS (EI)**

**Recommended Preparation: ART 85X**

Constructing the head and features using multi-media. Includes choosing a pose, lighting, and backgrounds. Demonstrations in oils, watercolors and pastels. R 99

**ART 55XA 0/1/2/0**  
**BEGINNING CHINESE BRUSH PAINTING (EI)**

Provides an introduction to the techniques of Chinese Brush Painting. Practice traditional subjects including bamboo, orchid, plum and landscape. Concepts in design and composition. Traditional mounting of completed paintings. R 99

**ART 55XB 0/1/2/0**  
**INTERMEDIATE CHINESE BRUSH PAINTING (EI)**

**Recommended Preparation: ART 55XA**

Develop skills in handling the brush, ink, and color in a wide range of subjects while exploring concepts of design and composition. Explore history and aesthetics of Chinese painting. R 99

**ART 56X 1.75/1/2/0**  
**PASTEL PAINTING (EI)**

Traditional and contemporary methods in the use of painting with pastels. The older adult explores a variety of techniques in the pastel medium. R 99

**ART 58X 0/5 or 1/1 or 2/0**  
**BEGINNING WATERCOLOR (EI)**

Basic methods of applying watercolor in washes, color mixing and brush technique. The spontaneity of transparent watercolor will be stressed and explored. R 99

**ART 59X 0/5 or 1/1 or 2/0**  
**INTERMEDIATE/ADVANCED WATERCOLOR (EI)**

**Recommended Preparation: ART 58X**

Utilizing and incorporating color mixing in a broader palette for washes, glazing and spontaneous interpretation of the subject matter. An increasing emphasis will be placed on individual exploration with the medium. R 99

**ART 61XA 0/1/2/0**  
**BEGINNING LAPIDARY (EI)**

Lapidary machines for cutting and polishing gemstones: slabsaw, trim saw, grinders, sanders, lapping wheels, polishers and drills. Study of thirty-one stones: their occurrence, hardness, luster and toughness; how to cut, trim, grind, dop, sand, polish and set gemstones, channel work and intarsia. R 99

**ART 61XB 0/1/2/0**  
**INTERMEDIATE LAPIDARY (EI)**

**Recommended Preparation: ART 61XA**

Instruction in cutting and polishing gemstones making paperweights and bookends and use of lap wheels. Topics will cover: what makes a gemstone, how they occur, types of gemstone deposits, luster, hardness, toughness, and complex lapidary machines. Description of channel work and intarsia and how it is used. R 99

**ART 70X** 0/1/2/0  
**BEGINNING SCULPTURE (EI)**

Introduces sculptural ideas, issues and techniques in clay, wood and various other media. The student will apply theory and techniques of sculpture in selected materials. R 99

**ART 71X** 0/1.5 or 1/1 or 2/0  
**INTERMEDIATE SCULPTURE (EI)**

**Recommended Preparation:** ART 70X

Includes the creation of sculpture in contemporary as well as historic styles. The optional use of ceramic clay, soft stone and synthetic modeling materials. Some emphasis on both the human and animal figure. R 99

**ART 80X** 0/1.5 or 1/1 or 2/0  
**BEGINNING SKETCHING (EI)**

Basic drawing techniques with emphasis on individual artistic expression. Still life, student model, and some location work will be done in the classical media of pencil, charcoal and pastel. R 99

**ART 81X** 0/1.5 or 1/1 or 2/0  
**INTERMEDIATE SKETCHING (EI)**

**Recommended Preparation:** ART 80X

Classic sketching media will be used in still life, landscapes and life drawing. Builds upon basic drawing techniques. R 99

**ART 82X** 0/1/2/0  
**ADVANCED SKETCHING (EI)**

**Recommended Preparation:** ART 81X

Includes theories and techniques in contour drawing, life drawing, gesture drawing and still life drawing. Abstract concepts, shading techniques and line will be emphasized as ways to explore drawing what is seen and felt. Opportunity for experimentation in media and concept will be given. R 99

**ART 85X** 0/1.5 or 1/1 or 2/0  
**BEGINNING LIFE DRAWING (EI)**

Includes the fundamental structure of the human body, including skeletal and muscular systems. Sketching and drawing exercises allow students practice in portraying the body with reasonable accuracy, using line as practical exposition. R 99

**ART 221** .5/1/0/0  
**ART APPRECIATION (EI)**

Designed to develop an understanding of historical and contemporary art forms, including examples of painting, sculpture, and architecture. R E 3

**ART 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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**Emeritus Biology****BIO 224X** 0/1/2/0  
**NATURAL HISTORY OF SOUTHERN CALIFORNIA (EI)**

Designed for older adults interested in local ecology and biological aspects of the coastal, valley, mountain, and desert environments of Southern California. Includes habitat types, natural history, and a study of plants, mammals, birds, and reptiles. R 99

**BIO 226X** 0/1/2/0  
**BIRDS OF THE WORLD (EI)**

Includes bird ancestry, evolution, systematics, distribution, topography, behavior (song, territoriality, migration), and techniques of field identification of birds. Designed for older adults who wish to actively participate in a course outdoors. Includes field trips to local sites. R 99

**BIO 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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**Emeritus Communication Arts****CA 70X** 0/2/1/0  
**VIDEO PRODUCTION (EI)**

Surveys video presentation techniques. Includes pre-production, production, and post-production editing created from stills or original footage. R 99

**CA 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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**Emeritus Computer and Information Management****CIM 200** 1/1/2/0  
**COMPUTER FUNDAMENTALS (EI)**

This is an introductory hands-on computer course for beginners covering computer hardware and software. Course activities include using Windows, the Internet, e-mail, word processing and graphics software. Designed for the older adult. R E 3

**CIM 201** 1/1/2/0  
**COMPUTER APPLICATIONS (EI)**

**Recommended Preparation:** CIM 200  
Provides a computer hands-on exploration of application software, Windows, and the Internet. Activities include using the Internet and word processing, spreadsheet, database, and graphics software. Designed for older adults. R E 3

**CIM 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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**Emeritus English****ENG 3X** 0/3/0/0  
**INTRODUCTION TO CREATIVE WRITING (EI)**

Essentials in creative writing, including basics of manuscript preparation, techniques of fiction and nonfiction and function of writing tools. R 99

**ENG 4X** 0/3/0/0  
**ADVANCED CREATIVE WRITING (EI)**

**Recommended Preparation:** ENG 3X  
Offers an in-depth study of prose including organization, classification, comparison and contrast, cause and effect, and definition and development for nonfiction and fiction. Point of view, plot description, characterization, dialogue, narration, theme, and sights, sounds, and sensation will also be discussed. R 99

**ENG 6X** 0/3/0/0  
**NON-FICTION WRITING (EI)**

Includes techniques and practice in writing nonfiction articles, essays, and biographical sketches. Emphasis will be placed on writing for publication. R 99

**ENG 40XA** 0/2/0/0  
**BIBLICAL INFLUENCES ON LATER LITERATURE (EI)**

Presentation and discussion of the dynamic role of biblical concepts, types, and images in Western civilization and literature. Examination of the vital impact of biblical typology and symbolism in everyday behavior. R 99

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MST	101	Aquarium Management		1.5	5	4/0
RE 2 ← Repeatability model and number of repeats						

**ENG 40XA 0/2/0/0**  
**THE BIBLE AS LITERATURE: GENESIS TO PSALMS (EI)**

Presentation and discussion of the Old Testament from the Book of Genesis to Psalms. A non-theological approach with emphasis on the literary modalities and ontological content. Geographical, historical, and cultural determinants will be considered. R99

**ENG 40XA 0/2/0/0**  
**THE BIBLE AS LITERATURE: PSALMS TO GOSPELS (EI)**

Presentation and discussion of the later books of the Old Testament, the Apocryphal Books of the Inter-Testamental Period and the teachings of Jesus. Presented in the Synoptic Gospels in a non-theological approach with emphasis of the literary modalities and ontological content. R99

**ENG 40XA 0/1 or 2/0**  
**THE BIBLE AS LITERATURE: GOSPELS TO REVELATIONS (EI)**

Presentation and discussion of the second half of the New Testament. According to John to his Apocalypse through the Pauline and non-Pauline Epistles in the same non-theological approach with emphasis of the literary modalities and ontological content. R99

**ENG 52X 0/1.5 or 3/0/0**  
**FILM AS LITERATURE (EI)**

Examination of film as a 20th and 21st century art form. Considers foreign and domestic cinema with attention given to film in terms of archetype, myth, symbol, characterization, and plot. R99

**ENG 299 .5-4/.5-4/.5-9/.5-9**  
**SPECIAL TOPICS**

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## Emeritus Environmental Studies

**ENV 299 .5-4/.5-4/.5-9/.5-9**

### SPECIAL TOPICS

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## Emeritus Fashion

**FASH 110XA 0/1/2/0**

### BEGINNING CLOTHING CONSTRUCTION (EI)

Emphasizing the operation of a sewing machine, pattern reading and garment construction. Basic sewing techniques needed to construct a garment. R99

**FASH 110XB 0/1.5 or 1/1 or 2/0**

### INTERMEDIATE CLOTHING CONSTRUCTION (EI)

**Recommended Preparation: FASH 110XA**

Clothing construction and pattern alterations for personal wardrobe. Coordination of commercial patterns, fabric textures and principles of color design. R99

**FASH 110XC 0/1/2/0**

### ADVANCED CLOTHING CONSTRUCTION (EI)

**Recommended Preparation: FASH 110XB**

Advanced techniques in construction of garments. Use of designer patterns for a personal style. Handling of special fabrics. Fine custom details such as lining and underlining. R99

**FASH 124X 0/1.5 or 1/1 or 2/0**

### WEARABLE ART (EI)

Design and construct a garment or accessory incorporating techniques of surface design, bobbin work, fabric manipulation, embellishment, and dimensional texture. Designed for the older adult. R99

**FASH 125X 0/1/2/0**

### RIBBON WORK (EI)

Learn techniques of ribbon manipulation. Includes classic and contemporary design methods in producing wearable adornments or accessories. Designed for the older adult interested in fashion design. R99

**FASH 130X 0/1/2/0**

### BASIC PATTERN CUSTOMIZING (EI)

Development of a basic pattern made to fit individual measurements. Pattern will be made in muslin and transferred to a permanent Pelon-made pattern. R99

**FASH 230X 0/1/2/0**

### ALTERATIONS AND FITTINGS (EI)

**Recommended Preparation: FASH 230X**

Basic procedures involved in altering ready-made garments, fitting patterns and clothing, sewing machine operations and garment production techniques. R99

**FASH 234X 0/1.5 or 1/1 or 2/0**

### PATTERN DRAFTING (EI)

**Recommended Preparation: FASH 130X**

Drafting of an individual pattern designed to be used for sewing various types of garments. R99

**FASH 282XA 0/1.5 or 1/1 or 2/0**

### BEGINNING CROCHETING (EI)

Introduction to crochet. Includes color, design, types of yarns, crochet thread, terminology used in reading, following patterns. Crochet techniques for projects used in the home and for wearing apparel. R99

**FASH 282XB 0/1/2/0**

### INTERMEDIATE CROCHETING (EI)

**Recommended Preparation: FASH 282XA**

Study of fibers used for crochet. Review of terms and techniques used in crochet patterns. New stitches and techniques of finishing and blocking projects. Adjusting patterns following the gauge changes for size; designing and adapting patterns to personal body measurements. R99

**FASH 283XA 0/1.5 or 1/1 or 2/0**

### BEGINNING KNITTING (EI)

Introduction of knitting theory, techniques and materials. Includes casting on, basic stitches, finishing techniques, terminology, beginning pattern reading, use of test swatches, understanding gauge, basic designing and altering of patterns. R99

**FASH 283XB 0/1.5 or 1/1 or 2/0**

### INTERMEDIATE KNITTING (EI)

**Recommended Preparation: FASH 283XA**

Develop knitting skills at an intermediate level. Explore newest yarns and fibers plus innovative stitches. R99

**FASH 286X 0/1.5 or 1/1 or 2/0**

### QUILTING AND PATCHWORK (EI)

Fundamental quilting/patchwork techniques to include: applique, cathedral windows, crazy quilting, fabric selection, pattern drafting, piecing, reverse applique, and trapunto. R99

**FASH 299 .5-4/.5-4/.5-9/.5-9**

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## Emeritus Foods and Nutrition

**FN 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus French

**FR 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Geology

**GEOL 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus German

**GER 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Gerontology

**GERO 120X** 0/1.5 or 3/0/0  
**PHYSICAL FITNESS/WEIGHT CONTROL (EI)**

Designed to inform students about the risk factors contributing to cardiovascular disease. Each student will develop an individual program of weight control including measures for blood pressure control; caloric intake and energy expenditure; body composition; lipid analysis, aerobic conditioning and nutritional analysis. R 99

**GERO 150X** 0/1.5 or 3/0/0  
**PHYSICAL FITNESS WEIGHT MAINTENANCE (EI)**

**Recommended Preparation: GERO 120X**

Principles of achieving and maintaining ideal body composition through specific exercises and lectures on proper eating techniques. Discussion and exercise to enhance motivation. R 99

**GERO 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Health

**HLTH 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Health Sciences

**HSC 105X** 0/2/0/0  
**CONSUMER HEALTH ISSUES (EI)**

Aids in maintaining health to make knowledgeable and discriminating decisions. Includes health economics, frauds, legislation, advertising, and insurance. Examines choice and use of doctor, pharmacist, and health care agencies. R 99

**HSC 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Hebrew

**HEBR 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus History

**HIST 205X** 0/1 or 2/0/0  
**WESTERN CIVILIZATION SINCE 1648 (EI)**

Surveys the nature of Western Civilization considering its development since the 17th Century to the present. Major emphasis will be placed on industrialization, nationalism, imperialism, and selected problems of the 21st century. Designed for the older adult interested in contemporary issues of government. R 99

**HIST 260** 1/2/0/0  
**RUSSIAN HISTORY: CULTURE AND ARTS (EI)**

Overview of Russian history from the 10th century to the present explaining the intellectual currents which led to the Russian Revolution. Examines various aspects of Russian culture, religion, customs, and particularly literature and art. R E 3

**HIST 270** 1/2/0/0  
**HISTORY AND CULTURE OF ASIA (EI)**

Presents an overview of the historical events related to social, political, and economic changes in Asia. Includes the impact of modernization, technology, and nationalism. R E 3

**HIST 275** .5/1/0/0  
**CONTEMPORARY MIDDLE EAST (EI)**

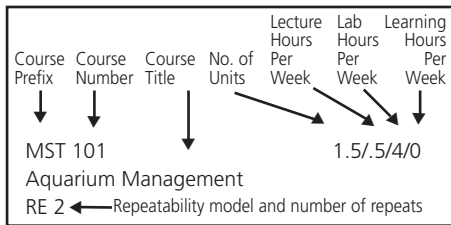
Major political, economic, and social institutions and movements of the Middle East from World War I to the present. Emphasis on problems of the developing Middle Eastern nations and the Arab-Israeli conflict. Introduction to Islamic religious institutions emphasizing their importance to the contemporary scene. R E 3

**HIST 275X** 0/1 or 2/0/0  
**CONTEMPORARY MIDDLE EAST (EI)**

Major political, economic, and social institutions and movements of the Middle East from World War I to the present. Emphasis on problems of the developing Middle Eastern nations and the Arab-Israeli conflict. Introduction to Islamic religious institutions and their relationship to contemporary issues. Designed for the older adult interested in our current involvement and future direction in the Middle East. R 99

**HIST 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

The Special Topics course is a grouping of short seminars designed to provide students with the latest ideas in a field of study. The course content is thematic in nature and each seminar within the course differs from other offerings in the same course. R E 1



## Emeritus Horticulture

**HORT 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Humanities

**HUM 204X** 0/2/0/0  
**MODERN WORLD CULTURE:1700-PRESENT (EI)**

Identifies and studies characteristically modern ideas about a variety of important human experiences as represented in literature, art, and philosophy. Themes studied include the decline of the supernatural, the development of sciences, the emergence of psychology, rise of individualism, skepticism, and the development of new attitudes toward home, work, and the human community for older adults. R 99

**HUM 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Italian

**ITA 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Journalism

**JRN 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus

### Kinesiology - Adapted

Formerly Adapted Physical Education

**KNEA 2X** 0/0/1.5 or 3/0  
**MILD WATER EXERCISE (EI)**

Consists of hydrotherapy exercise, cardiovascular conditioning and modified swimming techniques. Each student will work on an individualized program designed to meet their needs (formerly APE 2X). R 99

**KNEA 101X** 0/0/1 or 2/0  
**PHYSICAL FITNESS BACK (EI)**

Methods for the prevention and care of back problems in older adults. Instruction in special exercises, relaxation training and lifestyle changes to prevent back problems (formerly APE 101X). R 99

**KNEA 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**

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## Emeritus Kinesiology

Formerly Physical Education

**KNES 1X** 0/0/2 or 3/0  
**AEROBIC FITNESS (EI)**

Designed to stress individual cardiovascular and respiratory levels showing how the older adult can use aerobics as a way of developing and maintaining health and fitness. The activities portion of the course will be suited to the needs of the individual student, considering age, sex and general health. Designed for the mature adult (formerly PE 1X). R 99

**KNES 2X** 0/0/1 or 2/0  
**PERSONALIZED FITNESS (EI)**

Supervised, individualized exercise program using a variety of exercise equipment. Includes the various principles and techniques of exercise as they relate to the older adult. Individual assessments will include review of medical history, resting and exercising heart rate, blood pressure, and will result in a written exercise prescription. R 99

**KNES 3X** 0/0/1.5 or 2 or 3/0  
**PERSONALIZED AEROBIC FITNESS (EI)**

Overview of basic fitness which include the importance of proper exercising techniques as they relate to the older adult. Students receive a personalized fitness program. R 99

**KNES 4X** 0/0/1.5 or 2 or 3/0  
**PHYSICAL FITNESS CIRCUIT TRAINING (EI)**

Designed to improve/maintain strength and cardiovascular fitness for the mature adult. Proper techniques for using exercise equipment in a supervised circuit format. R 99

**KNES 5X** 0/0/2 or 3/0  
**SEQUENTIAL STRETCHING AND RELAXATION-EI**

Designed to teach the scientific techniques of progressive, full body stretching and relaxation to enhance joint mobility and general fitness. Older adult students participate using a floor mat or chair. R 99

**KNES 6X** 0/0/1 or 1.5 or 2 or 3 or 4/0  
**PHYSICAL FITNESS (EI)**

Instruction and practice for older adults in the techniques for developing, maintaining and improving physical fitness, emphasizing strength, flexibility, aerobic power and neuromuscular integration (formerly PE 6X). R 99

**KNES 14X** 0/0/1 or 1.5 or 2 or 3/0  
**BODY RHYTHMICS (EI)**

A fitness program using dance exercises which are performed to a variety of musical rhythms (formerly PE 14X). R 99

**KNES 14XA** 0/0/1 or 2 or 3/0  
**EXERCISE TO MUSIC (EI)**

Presents basic rhythmic exercises through dance movements. Basic dance steps and body movements in folk music, basic ballet, modern dance and other dance forms are included in exercise to music (formerly PE 14XA). R 99

**KNES 29XA** 0/.25 or .5 or 1/.25 or .5 or 1/0  
**BEGINNING TAI CHI CH'UAN (EI)**

Tai Chi Ch'uan instruction will include movements from the 30 forms in the first section and discussion of the Yin-Yang principle of opposing actions. Includes discussions of the history and philosophy of Tai Chi Ch'uan (formerly PE 29XA). R 99

**KNES 29XB** 0/.25 or .5 or 1/.25 or .5 or 1/0  
**ADVANCED TAI CHI CH'UAN (EI)**  
**Recommended Preparation: KNES 29XA**  
 Includes Tai Chi Ch'uan movements from the 78 forms in the second and third sections and review of the 30 forms in the first section. Includes discussions of the history and philosophy of Tai Chi Ch'uan and the techniques and sequence of forms (formerly PE 29XB). R 99

**KNES 35XA** 0/0/1 or 1.5 or 2 or 3/0  
**BEGINNING CHAIR EXERCISES (EI)**  
 Enables the older adult to practice the physical techniques necessary to maintain or improve physical fitness necessary for daily living activities. Designed for the person with a beginning level of fitness (formerly PE 35XA). R 99

**KNES 35XB** 0/0/2 or 3/0  
**INTERMEDIATE CHAIR EXERCISES (EI)**  
 Enables the older adult to practice physical techniques necessary to maintain and improve physical fitness necessary for daily living activities (formerly PE 35XB). R 99

**KNES 37X** 0/0/1 or 2/0  
**BALANCE AND MOBILITY TRAINING (EI)**  
 Adopts a multidimensional approach to balance-related problems. Activities will target specific balance problems in a challenging environment (formerly PE 37X). R 99

**KNES 44X** 0/0/1 or 1.5 or 2 or 3/0  
**AQUATIC FITNESS TRAINING (EI)**  
 Designed to develop and maintain physical fitness through exercises in the water. Emphasis will be placed on strengthening, cardiovascular, and flexibility exercises (formerly PE 44X). R 99

**KNES 65X** 0/0/1 or 2 or 3/0  
**PILATES CONDITIONING (EI)**  
 A non-impact exercise program based on the principles of Pilates. Designed for older adults to maintain health by adapting exercise routines and maintain physical strength, coordination and balance. Pilates increases flexibility and develops proper body alignment. Increases stability and helps to prevent injury, enabling the student to maintain optimum health. R 99

**KNES 84X** 0/0/1 or 1.5 or 2/0  
**PHYSICAL FITNESS YOGA (EI)**  
 Investigation and practice of the principles of physical yoga. Emphasis is on exercises for improved body alignment, joint flexibility, muscle tone and breathing (formerly PE 84X). R 99

**KNES 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**  
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## Emeritus Marine Science Technology

**MST 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**  
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## Emeritus Music

**MUS 19X** 0/3/0/0  
**INTRODUCTION TO OPERA (EI)**  
 Introducing the older adult to techniques used by major composers such as Gluck, Mozart, Rossini, Donizetti, Bellini, Verdi, Wagner, and Puccini who have shaped Western opera. R 99

**MUS 20X** 0/3/0/0  
**FOR THE LOVE OF MUSIC (EI)**  
 Introduction to music history for the older adult. Fundamentals of musical composition and major composers that have shaped Western musical developments are studied. R 99

**MUS 29X** 0/3/0/0  
**WOMEN, MUSIC AND SOCIETY (EI)**  
 Historical and societal survey of women musicians and composers from the Middle Ages to the present. Deals with a historical view of women's place as creative and representative artists. Societal and political influences on women composers. R E 99

**MUS 34X** 0/.5 or 1/.5 or 1/0  
**MEN'S AND WOMEN'S CHORAL: BARBERSHOP (EI)**  
 Choral ensemble of male and female voices specializing in rehearsal and performance of barbershop harmony. Special attention will be given to note values, basic rhythms, ear training and diction. R 99

**MUS 80X** 0/.5 or 1/.5 or 1/0  
**VOICE AND RHYTHMS (EI)**  
 Emphasizes vocal techniques, including tone production, breath control, and pronunciation, as well as music literature. Performance at end of the semester. R 99

**MUS 201** 1/3/0/0  
**MUSIC FUNDAMENTALS (EI)**  
 Overview of music fundamentals including rhythm and pitch notation, major and minor key signatures, intervals, chord structures, and sight reading. R E 3

**MUS 290X** 0/.5 or 1/.5 or 1/0  
**CHORAL ENSEMBLE (EI)**  
 Choral singing for the older adult emphasizing choral literature. Development of ensemble through correct singing and vocal production. R 99

**MUS 295X** 0/.5/.5/0  
**REHEARSAL AND PERFORMANCE INSTRUMENTAL (EI)**  
**Recommended Preparation: Previous instrumental training & demonstrated proficiency**  
 Preparation, study, and performance of orchestra concert repertoire. Designed for the older adult interested in orchestral performance. R 99

**MUS 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**  
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## Emeritus Philosophy

**PHIL 230X** 0/1 or 2/0/0  
**INTRODUCTION TO PHILOSOPHY (EI)**  
 Investigates many of the major philosophical themes within the Western tradition. Themes covered include the nature of self, free will and determinism, the ground and nature of human knowledge, the nature of ethics, aesthetics and the nature of political philosophy. Older adults cultivate the skills of critical thinking and rational discourse. R 99

**PHIL 231X** 0/1 or 2/0/0  
**HISTORY OF FREE THOUGHT IN WESTERN WORLD (EI)**  
 History of free thought consisting of the heterodox religious systems and secular philosophies that have appeared in opposition to the Judaeo-Christian tradition in the Western world from the Classical Age of Greece and Rome to the present. Older adults will study deism, pantheism, agnosticism, atheism as well as multicultural religious philosophical systems and beliefs. R 99

**PHIL 299** .5-4/.5-4/.5-9/.5-9  
**SPECIAL TOPICS**  
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Course Prefix	Course Number	Course Title	No. of Units	Lecture Hours Per Week	Lab Hours Per Week	Learning Hours Per Week
MST	101	Aquarium Management		1.5	.5	4/0
			RE 2	← Repeatability model and number of repeats		

## Emeritus Photography

### PHOT 40X 0/-5 or 1/1 or 2/0 BEGINNING DIGITAL SHOW PRESENTATIONS (EI)

Production of digital visual and audio presentations. Discussion and demonstration of digital slide shows. Designed for the older adult. R 99

### PHOT 41X 0/1/2/0 DIGITAL SHOW PRESENTATIONS - INTERMEDIATE (EI)

**Recommended Preparation:** PHOT 40X  
Covers the production of digital, visual and audio presentations. Includes digital photography, downloading music, scriptwriting, narration, and transitions using computer software to construct presentations. Designed for the older adult interested in photography and multimedia. R 99

### PHOT 50XA 0/.5 or 1/1 or 2/0 BEGINNING DIGITAL PHOTOGRAPHY (EI)

General view of digital photography, equipment, and techniques, cameras and care. Study of the important element of composition and creative aspects of photography. Includes use of memory cards, basic computer operation, downloading, cataloging, and other computer-based functions. Designed for the older adult. R 99

### PHOT 50XB 0/.5 or 1/1 or 2/0 INTERMEDIATE DIGITAL PHOTOGRAPHY (EI)

**Recommended Preparation:** PHOT 50XA  
Includes portraits, night photography, flash- and-fill technologies, digital media enhancement, and the use of filters. The older adult will also learn the basic principles of judging and evaluating photographs. R 99

### PHOT 59XA 0/1/2/0 BEGINNING COLOR PRINTING (EI)

**Recommended Preparation:** PHOT 50XA  
Darkroom and digital techniques for making color prints from color negatives, slides and digital cameras using related color printing equipment. Operation of enlargers, and processing prints using automatic processor, tube and electronic methods. Finishing prints for presentation including retouching and matting. R 99

### PHOT 59XB 0/1/2/0 ADVANCED COLOR PRINTING (EI) **Recommended Preparation:** PHOT 59XA

Advanced and innovative techniques of darkroom and digital procedures used in color printing. Related topics of photography and printing will supplement laboratory work. R 99

### PHOT 299 .5-4/.5-4/.5-9/.5-9 SPECIAL TOPICS

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## Emeritus Political Science

### PS 214 .5 or 1/1 or 2/0/0 CURRENT ISSUES IN GOVERNMENT (EI)

Exploration of current issues and events on global, national, and local levels. Problem areas include crime, economics, social service loads, environment, terrorism, and conflicts. R E 3

### Pending State Approval PS 214X 0/1 or 2/0/0 CURRENT ISSUES IN GOVERNMENT (EI)

Exploration of current issues and events on global, national, and local levels. Problem areas include crime, economics, social services loads, environment, terrorism, and conflicts. Focuses on the impact of these events on the lives of older adults.

### PS 299 .5-4/.5-4/.5-9/.5-9 SPECIAL TOPICS

The Special Topics course is a grouping of short seminars designed to provide students with the latest ideas in a field of study. The course content is thematic in nature and each seminar within the course differs from other offerings in the same course. R E 1

## Emeritus Spanish

### SPAN 230 1/2/0/0 BEGINNING PRACTICAL SPANISH (EI)

Basic fundamentals of Spanish for practical application. Includes reading, comprehension, speaking, and writing. Emphasis will be placed on development of conversational skills. R E 3

### SPAN 230X 0/2/0/0 BEGINNING PRACTICAL SPANISH (EI)

Basic fundamentals of Spanish for the older adult. Includes reading, comprehension, speaking, and writing. Emphasis will be placed on development of conversational skills. R 99

### SPAN 231 1/2/0/0 INTERMEDIATE PRACTICAL SPANISH (EI)

**Recommended Preparation:** SPAN 230  
Communicative competence in practical Spanish. Focuses on listening, comprehension, speaking, reading and writing. R E 3

### SPAN 231X 0/2/0/0 INTERMEDIATE PRACTICAL SPANISH (EI)

**Recommended Preparation:** SPAN 230X  
Communicative competence in practical Spanish for the older adult. Focus is on listening, comprehension, speaking, reading, and writing. R 99

### SPAN 232 1/3/0/0 ADVANCED PRACTICAL SPANISH (EI) **Recommended Preparation:** SPAN 231

Designed to develop fluency in Spanish. The emphasis is on expression and conversation in Spanish. R E 3

### SPAN 232X 0/2/0/0 ADVANCED PRACTICAL SPANISH (EI) **Recommended Preparation:** SPAN 231X

Designed to develop fluency in Spanish for the older adult. The emphasis is on expression and conversation in Spanish. R 99

### SPAN 299 .5-4/.5-4/.5-9/.5-9 SPECIAL TOPICS

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## Emeritus Special Services

### SPS 145X 0/3/0/0 BEGINNING LIPREADING AND HEARING CONSERVATION (EI)

Enables students to develop and practice lipreading skills necessary for social functioning. Presents information designed to help the student better understand their own hearing loss. R 99

**SPS 299 .5-4/.5-4/.5-9/.5-9****SPECIAL TOPICS**

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**Emeritus Theatre Arts****TA 2X 0/1/1/0****BEGINNING SCENE STUDY (EI)**

Concentrates on scene study, characterization and ensemble performance. Works towards development of method acting. R 99

**TA 299 .5-4/.5-4/.5-9/.5-9****SPECIAL TOPICS**

The Special Topics course is a grouping of short seminars designed to provide students with the latest ideas in a field of study. The course content is thematic in nature and each seminar within the course differs from other offerings in the same course. R E 1

**Emeritus  
Women's Studies****WS 299 .5-4/.5-4/.5-9/.5-9****SPECIAL TOPICS**

The Special Topics course is a grouping of short seminars designed to provide students with the latest ideas in a field of study. The course content is thematic in nature and each seminar within the course differs from other offerings in the same course. R E 1