

# Associate of Applied Science Real Estate

**McLENNAN COMMUNITY COLLEGE** 

2023-2024

# **Degree Description**

This management program specialty area meets the academic requirements for both salesman and broker real estate licensure. The curriculum prepares the graduate to participate in the real estate industry as a broker, salesman, investor or manager. The courses provide knowledge and skills required in the real estate services of brokerage, development, property management, appraisal and financing.

Marketable Skills

## 1. Laws and regulations skills:

Learn how to apply the laws and regulations affecting real estate. 2. Contract skills: Attain a working knowledge of current Texas real estate contract forms. 3. Agency skills:

Learn to apply the concepts that regulate the fiduciary relationship that exists between and agent and a principal. 4. Negotiating and conflict management skills:

Learn to apply win/win negotiating strategies to minimize conflict in real estate situations. 5. Computer skills:

Learn to use word processing, spreadsheet, data analysis, presentation, and database computer software to conduct business operations. 6. Communication skills:

Learn the ability to effectively develop, interpret, and express ideas through written, oral, and visual communication approaches. 7. Critical thinking skills:

Learn to diagnose, propose, and implement solutions to business problems through research, synthesis, and application of information. 8. Ethics skills:

Learn ways to evaluate situations and make ethical decisions that are socially responsible.

| Semester I   | Hours    |
|--|----------|
| RELE 1300 Contract Forms and Addenda                     | 3 hours  |
| RELE 1301 Principles of Real Estate                      | 3 hours  |
| RELE 1311 Law of Contracts Real Estate Contracts         | 3 hours  |
| BUSI 1301 Business Principles                            | 3 hours  |
| POFT 1301 Business English or ENGL 1301 Composition   or |          |
| ENGL 2311 Technical & Business Writing                   | 3 hours  |
|  | 15 hours |

| Semester II                                      | Hours    |
|--|----------|
| BCIS 1305 Business Computer Applications or      |          |
| COSC 1301 Introduction to Computing <sup>1</sup> | 3 hours  |
| RELE 1319 Real Estate Finance                    | 3 hours  |
| RELE 2301 Law of Agency                          | 3 hours  |
| RELE 1338 Principles of Real Estate II           | 3 hours  |
| MRKG 1311 Principles of Marketing                | 3 hours  |
|  | 15 hours |

| Semester III   | Hours    |
|--|----------|
| ACNT 1303 Introduction to Accounting I <sup>1</sup>                | 3 hours  |
| Real Estate elective <sup>2</sup>                                  | 3 hours  |
| Language, Philosophy, & Culture elective or Creative Arts elective | 3 hours  |
| Math elective  | 3 hours  |
| RELE 1325 Real Estate Mathematics                                  | 3 hours  |
|  | 15 hours |

| Semester IV   | Hours    |
|---|----------|
| ECON 1301 Introduction To Economics or ECON 2301 Principles of Macroeconomics or ECON 2302 Principles of Microeconomics | 3 hours  |
| RELE 2389 Internship- Real Estate <sup>3</sup>  | 3 hours  |
| BMGT 1344 Negotiations and Conflict Management  | 3 hours  |
| Speech elective   | 3 hours  |
| RELE 2331 Real Estate Brokerage   | 3 hours  |
|   | 15 hours |

Total hours: 60 hours

<sup>1</sup> May be eligible for articulation through the high school by individual courses from high school. See your high school counselor. A business elective may be substituted for ACNT 1303 if the student has one year of high school accounting or bookkeeping experience.

<sup>&</sup>lt;sup>2</sup> Real Estate electives are RELE 1303, 1307, 1309, 1311, 1315, 1319, 1321, 1325, 1327, 1331, 2103, 2589, 2331.

<sup>3</sup> RELE 2389 is the CAPSTONE course which brings together skills and knowledge learned in other classes and applies them in decision-making situations and in completing job tasks. Must be a Real Estate major.

# **Electives/General Education Courses**

# **Creative Arts**

| ARTS 1301 Art Appreciation                                | 3 hours |
|---|---------|
| ARTS 1303 Art History I (Prehistoric to the 14th Century) | 3 hours |
| ARTS 1304 Art History II (14th Century to the Present)    | 3 hours |
| DRAM 1310 Theater Appreciation                            | 3 hours |
| DRAM 2361 History of Theater I                            | 3 hours |
| DRAM 2362 History of Theater II                           | 3 hours |
| DRAM 2366 Film Appreciation                               | 3 hours |
| HUMA 1315 Fine Arts Appreciation                          | 3 hours |
| MUSI 1306 Music Appreciation                              | 3 hours |
| MUSI 1307 Music Literature                                | 3 hours |
| MUSI 1310 American Music                                  | 3 hours |

# Language, Philosophy, & Culture

| ENGL 2321 British Literature              | 3 hours |
|---|---------|
| ENGL 2322 British Literature I            | 3 hours |
| ENGL 2323 British Literature II           | 3 hours |
| ENGL 2326 American Literature             | 3 hours |
| ENGL 2327 American Literature I           | 3 hours |
| ENGL 2328 American Literature II          | 3 hours |
| ENGL 2331 World Literature                | 3 hours |
| ENGL 2332 World Literature I              | 3 hours |
| ENGL 2333 World Literature II             | 3 hours |
| ENGL 2341 Forms of Literature             | 3 hours |
| FREN 2311 Intermediate French I           | 3 hours |
| GERM 2311 Intermediate German I           | 3 hours |
| HUMA 1301 Introduction to Humanities I    | 3 hours |
| HUMA 1302 Introduction to Humanities II   | 3 hours |
| PHIL 1301 Introduction to Philosophy      | 3 hours |
| PHIL 1304 Introduction to World Religions | 3 hours |
| PHIL 2306 Introduction to Ethics          | 3 hours |
| SPAN 2311 Intermediate Spanish I          | 3 hours |
| SGNL 2301 Intermediate ASL I              | 3 hours |

# Math

| MATH 1314 College Algebra                                   | 3 hours |
|---|---------|
| MATH 1316 Plane Trigonometry                                | 3 hours |
| MATH 1324 Mathematics for Business & Social Sciences        | 3 hours |
| MATH 1325 Calculus for Business & Social Sciences           | 3 hours |
| MATH 1332 Contemporary Mathematics (Quantitative Reasoning) | 3 hours |
| MATH 1342 Elementary Statistical Methods                    | 3 hours |
| MATH 2412 Pre-Calculus Mathematics                          | 4 hours |
| MATH 2413 Calculus I  | 4 hours |
| PHIL 2303 Introduction to Formal Logic                      | 3 hours |

# **Real Estate**

| RELE 1303 Real Estate Appraisal                  | 3 hours |
|--|---------|
| RELE 1307 Real Estate Investment                 | 3 hours |
| RELE 1311 Law of Contracts Real Estate Contracts | 3 hours |
| RELE 1315 Property Management                    | 3 hours |
| RELE 1319 Real Estate Finance                    | 3 hours |
| RELE 1325 Real Estate Mathematics                | 3 hours |
| RELE 2331 Real Estate Brokerage                  | 3 hours |
| RELE 2589 Internship - Real Estate               | 5 hours |

# Speech

| COMM 1307 Introduction to Mass Communication    | 3 hours |
|---|---------|
| SPCH 1311 Introduction to Speech Communication  | 3 hours |
| SPCH 1315 Public Speaking                       | 3 hours |
| SPCH 1318 Interpersonal Communication           | 3 hours |
| SPCH 1321 Business & Professional Communication | 3 hours |

# **Course Descriptions**

## **RELE 1300 Contract Forms and Addenda**

Presents Promulgated Contract Forms, which include, but are not limited to, unauthorized practice of law, broker-lawyer committee, current promulgated forms, commission rules governing use forms, and case studies involving use of forms. Semester Hours 3 (3 lec)

# **RELE 1301 Principles of Real Estate I**

Presents a beginning overview of licensing as a real estate broker or salesperson. Includes ethics of practice as a license holder, titles to and conveyance of real estate, legal descriptions, deeds, encumbrances and liens, distinctions between personal and real property, appraisal, finance and regulations, closing procedures, and real estate mathematics. Covers at least three hours of classroom instruction of federal, state, and local laws relating to housing discrimination, housing credit discrimination, and community reinvestment. Fulfills at least 30 of 60 hours of required instruction for salesperson license. Texas Real Estate Commission (TREC) requires this course before sitting for the salesperson and broker licensure exam. Semester Hours 3 (3 lec)

#### **RELE 1311 Law of Contracts Real Estate Contracts**

Introduces a study of the elements of a contract, offer and acceptance, statute of frauds, specific performance and remedies for breach, unauthorized practice of law commission rules relating to use of adopted forms, and owner disclosure requirements. Semester Hours 3 (3 lec)

#### **BUSI 1301 Business Principles**

This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life. Semester Hours 3 (3 lec)

#### **POFT 1301 Business English**

Introduces the practical application of basic language usage skills with emphasis on fundamentals of writing and editing for business. Students will apply the basic rules of grammar, spelling, capitalization, number usage, and punctuation; utilize terminology applicable to technical and business writing; develop proofreading and editing skills; and teaches how to write effective sentences and paragraphs for business applications. Semester Hours 3 (3 lec)

## **ENGL 1301 Composition I**

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis is on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus is on writing the academic essay as a vehicle for learning, communication, and critical analysis. Note: ENGL 1301 is a pre-requisite for all 2000-level literature courses. Prerequisite: TSI complete in Writing or the equivalent. Semester Hours 3 (3 lec)

#### **ENGL 2311 Technical & Business Writing**

Intensive study of and practice in professional settings. Focus on the types of documents necessary to make decisions and take action on the job, such as proposals, reports, instructions, policies and procedures, e-mail messages, letters, and descriptions of products and services. Practice of individual and collaborative processes involved in the creation of ethical and efficient documents. Prerequisite: TSI complete in Writing or the equivalent. Semester Hours 3 (3 lec)

## **BCIS 1305 Business Computer Applications**

Introduces and develops foundational skills in applying essential and emerging business productivity information technology tools. The focus of this course is on business productivity software applications, including word processing, spreadsheets, databases, presentation graphics, data analytics, and business-oriented utilization of the internet. (BCIS 1305 is included in the Business Field of Study.) Semester Hours 3 (2 lec/2 lab)

## **COSC 1301 Introduction to Computing**

Provides an overview of computer systems-hardware, operating systems, the Internet, and application software including word processing, spreadsheets, presentation graphics, and databases. Current topics such as the effect of computers on society, and the history and use of computers in business, educational, and other interdisciplinary settings are also studied. This course is not intended to count toward a student's major field of study in business or computer science. Semester Hours 3 (2 lec/2 lab)

## **RELE 1319 Real Estate Finance**

Overviews of monetary system, primary and secondary money markets, sources of mortgage loans, federal government programs, loan applications, processes and procedures, closing costs, alternative financial instruments, equal credit opportunity, laws affecting mortgage lending, Community Reinvestment Act, and the state housing agency. Prerequisite: RELE 1301, concurrent enrollment in RELE 1301, or consent of program director. Semester Hours 3 (3 lec)

## **RELE 2301 Law of Agency**

Provides a study in law of agency including principal-agent and master-servant relationships, the authority of an agent, the termination of an agent's authority, the fiduciary and other duties of an agent, employment law, deceptive trade practices, listing or buying procedures, and the disclosure of an agency. Texas Real Estate Commission requires this course before sitting for the salesman licensure exam. Semester Hours 3 (3 lec)

## **RELE 1338 Principles of Real Estate II**

Provides an overview of licensing as a real estate broker and salesman, ethics of practice as a license holder, titles to and conveyancing of real estate, legal descriptions, law of agency, deeds, encumbrances and liens, distinctions between personal and real property, contracts, appraisal, finance and regulations, closing procedures, and real estate mathematics. Covers at least three hours of classroom instruction on federal, state, and local laws relating to housing discrimination, housing credit discrimination, and community reinvestment. Fulfills at least 30 of 60 hours of required instruction for salesperson license. Prerequisite: RELE 1301. Semester Hours 3 (3 lec)

## MRKG 1311 Principles of Marketing

Introduction to the marketing mix functions and process. Includes identification of consumer and organizational needs and explanation of environmental issues. Semester Hours 3 (3 lec)

## **ACNT 1303 Introduction to Accounting I**

Analyzes, classifies, and records business transactions in a manual and computerized environment. Emphasis is on understanding the complete accounting cycle and preparing financial statements, bank reconciliations, and payroll. May not be counted toward the associate degree if taken after successful completion of ACCT 2401. Semester Hours 3 (3 lec/lab)

## **RELE 1325 Real Estate Mathematics**

Introduces mathematical logic and basic arithmetic skills including percentages, interest, time, value of money, depreciation, amortization, proration, and estimation of closing statement. Semester Hours 3 (3 lec)

## **ECON 1301 Introduction To Economics**

Analyzes microeconomic and macroeconomic principles for non-business majors. Microeconomic topics will include supply and demand, consumer behavior, price and output decisions by firms under various market structures, factor markets, market failures, international trade, and exchange rates. Macroeconomic topics will include national income, unemployment, inflation, business cycles, aggregate supply and demand, monetary and fiscal policy, and economic growth. Semester Hours 3 (3 lec)

#### **ECON 2301 Principles of Macroeconomics**

Analyzes the economy as a whole including measurement and determination of aggregate demand and aggregate supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, fiscal policy and monetary policy. Prerequisite: Must have passed the TSI Assessment or be concurrently enrolled in INRW 0402. Semester Hours 3 (3 lec)

#### **ECON 2302 Principles of Microeconomics**

Analyzes the behavior of individual economic agents, including consumer behavior and demand, producer behavior and supply, price and output decisions by firms under various market structures, factor markets, market failures, and international trade. Prerequisite: Must have passed the TSI Assessment or be concurrently enrolled in INRW 0402. Semester Hours 3 (3 lec)

#### **RELE 2389 Internship- Real Estate**

Establishes a work-based learning experience that enables the student to apply specialized occupational theory, skills and concepts. A learning plan is developed by the college and the employer. Prerequisite: None Must meet Internship requirements. (See Guide for Internships). Semester Hours 3 (16 Internship/Preceptorship)

#### **BMGT 1344 Negotiations and Conflict Management**

Discusses theories that aid in the diagnosis of interpersonal and intergroup conflict. The role of manager as negotiator, intermediary, and problem-solver. Semester Hours 3 (3 lec)

#### **RELE 2331 Real Estate Brokerage**

Provides a study in law of agency, planning and organization, operational policies and procedures, recruiting, selection and training of personnel, records and control, and real estate firm analysis and expansion criteria. Semester Hours 3 (3 lec)

#### **ARTS 1301 Art Appreciation**

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts. Semester Hours 3 (3 lec)

#### ARTS 1303 Art History I (Prehistoric to the 14th Century)

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. Semester Hours 3 (3 lec)

#### ARTS 1304 Art History II (14th Century to the Present)

A chronological analysis of the historical and cultural contexts of the visual arts from the 14th century to the present day. Semester Hours 3 (3 lec)

#### **DRAM 1310 Theater Appreciation**

Survey of theater including its history, dramatic works, stage techniques, production procedures, and relation to other art forms. Participation in major productions may be required. Applies as a required Humanities or Visual & Performing Arts course for all students. Semester Hours 3 (3 lec)

#### DRAM 2361 History of Theater I

Study of the history of the theater from primitive times through the Renaissance. Required of theatre majors; open to non-theatre majors. Semester Hours 3 (3 lec)

#### DRAM 2362 History of Theater II

Study of the history of the theater from the Renaissance through today. Required of theatre majors; open to non-theatre majors. Semester Hours 3 (3 lec)

## **DRAM 2366 Film Appreciation**

Survey and analyze cinema including history, film techniques, production procedures, selected motion pictures, and cinemas impact on and reflection of society. (Cross - listed as COMM 2366) Semester Hours 3 (3 lec)

# **HUMA 1315 Fine Arts Appreciation**

This course is an exploration of the purposes and processes in the visual and performing arts (such as music, painting, architecture, drama, and dance) and the ways in which they express the values of cultures and human experience. Semester Hours 3 (3 lec)

# **MUSI 1306 Music Appreciation**

Understanding music through the study of cultural periods, major composers, and musical elements. Illustrated with audio recordings and live performances. (Does not apply to a music major degree.) Applies as a required humanities or fine arts course for all students. Semester Hours 3 (3 lec)

# **MUSI 1307 Music Literature**

A survey of the styles and forms of music as it developed from the middle ages to the present. This course will familiarize the student with cultural context, terminology, genres, and notation. Semester hours: 3

# **MUSI 1310 American Music**

A general survey of various styles of music of the Americas, including but not limited to jazz, folk, rock, and contemporary music. Satisfies general humanities elective requirements. Semester Hours 3 (3 lec)

## **ENGL 2321 British Literature**

A survey of the development of British literature from the Anglo-Saxon period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

## ENGL 2322 British Literature I

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

## **ENGL 2323 British Literature II**

A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

## **ENGL 2326 American Literature**

A survey of American literature from the period of exploration and settlement to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### **ENGL 2327 American Literature I**

A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### **ENGL 2328 American Literature II**

A survey of American literature from the Civil War to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### **ENGL 2331 World Literature**

A survey of world literature from the ancient world to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### **ENGL 2332 World Literature I**

A survey of world literature from the ancient world through the 16th century. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### **ENGL 2333 World Literature II**

A survey of world literature from the 17th century to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### **ENGL 2341 Forms of Literature**

The study of one or more literary genres including, but not limited to, poetry, fiction, drama, and film. Prerequisite: ENGL 1301 or ENGL 2311. Semester Hours 3 (3 lec)

#### FREN 2311 Intermediate French I

Review and application of skills in listening comprehension, speaking, reading, and writing. Emphasizes conversation, vocabulary acquisition, reading, composition, and culture. Prerequisite: FREN 1412, three years of high school French, or consent of instructor or division chair. Students with three years of high school French are encouraged to see a French instructor prior to enrolling. Semester Hours 3 (3 lec)

#### **GERM 2311 Intermediate German I**

Review and application of skills in listening comprehension, speaking, reading, and writing. Emphasizes conversation, vocabulary acquisition, reading, composition, and culture. Prerequisite: GERM 1412, three years of high school German, or consent of instructor or division chair. Students with three years of high school German are encouraged to see a German instructor prior to enrolling. Semester Hours 3 (3 lec)

#### **HUMA 1301 Introduction to Humanities I**

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create. Team taught by faculty from diverse departments as a colloquium (academic seminar led by a different lecturer and on a different topic at each session). Works may include studies, journals, novels, poems, treatises, graphic novels, films, plays, paintings, musical compositions, etc. Semester Hours 3 (3 lec)

# **HUMA 1302 Introduction to Humanities II**

This stand-alone course is an interdisciplinary survey of cultures focusing on the philosophical and aesthetic factors in human values with an emphasis on the historical development of the individual and society and the need to create. Team taught by faculty from diverse departments as a colloquium (academic seminar led by a different lecturer and on a different topic at each session). Works may include studies, journals, novels, poems, threatises, graphic novel films, plays, paintings, musical compositions, etc. Semester Hours 3 (3 lec)

## PHIL 1301 Introduction to Philosophy

A study of major issues in philosophy and/or the work of major philosophical figures in philosophy. Topics in philosophy may include theories of reality, theories of knowledge, theories of value, and their practical applications. Semester Hours 3 (3 lec)

## **PHIL 1304 Introduction to World Religions**

A comparative study of world religions, including but not limited to Hinduism, Buddhism, Judaism, Christianity, and Islam. Semester hours 3

## **PHIL 2306 Introduction to Ethics**

The systematic evaluation of classical and/or contemporary ethical theories concerning the good life, human conduct in society, morals, and standards of value. Semester Hours 3 (3 lec)

## SPAN 2311 Intermediate Spanish I

The consolidation of skills acquired at the introductory level. Further development of proficiency in listening, speaking, reading and writing. Emphasis is on comprehension, appreciation, and interpretation of the cultures of the Spanish-speaking world. Prerequisite: SPAN 1412, three years of high school Spanish, or consent of instructor or division chair. Students with three years of high school Spanish are encouraged to see a Spanish instructor prior to enrolling. Semester Hours 3 (3 lec)

## SGNL 2301 Intermediate ASL I

Review and application of conversational skills in American Sign Language and interpreting from signing to voice as well as from voice to signing. Introduction to American Sign Language literature and folklore. Prerequisite: SGNL 1402 with a grade of C or better or consent of the program director. Semester Hours 3 (3 lec)

## MATH 1314 College Algebra

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. Graphing calculator required. Prerequisite: TSI math complete or MATH 0311. Semester Hours 3 (3 lec)

# **MATH 1316 Plane Trigonometry**

In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included. Graphing calculator required. Prerequisite: MATH 1314 with a minimum grade of C, or passing score on non-credit equivalency exam for MATH 1314, or consent of division chair. Semester Hours 3 (3 lec)

# MATH 1324 Mathematics for Business & Social Sciences

The application of common algebraic functions, including polynomial, exponential, logarithmic and rational, to problems in business, economics and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices, linear programming; and probability, including expected value. Prerequisite: TSI math complete or MATH 0311. Semester Hours 3 (3 lec)

#### MATH 1325 Calculus for Business & Social Sciences

This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions, with emphasis on applications in business, economics and social sciences. This course is not a substitute for MATH 2313 or 2413 - Calculus I. Prerequisite: MATH 1314 or MATH 1324, minimum grade C. Semester Hours 3 (3 lec)

#### MATH 1332 Contemporary Mathematics (Quantitative Reasoning)

Intended for Non-STEM (Science, Technology, Engineering, and Mathematics) majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded throughout the course. Additional topics may be covered. Graphing calculator required. Prerequisite: TSI math complete or MATH 0308. Semester Hours 3 (3 lec)

#### **MATH 1342 Elementary Statistical Methods**

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Graphing calculator required. Prerequisite: TSI math complete or MATH 0308 or completion of college-level math course. Semester Hours 3 (3 lec)

#### MATH 2412 Pre-Calculus Mathematics

In-depth combined study of algebra, trigonometry, and other topics for calculus readiness. Prerequisite: MATH 1314 with a minimum grade of C, or passing score on non-credit equivalency exam for MATH 1314, or consent of division chair. Semester Hours 4 (4 lec)

#### MATH 2413 Calculus I

Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas. Graphing calculator required. Prerequisite: MATH 2412 with a minimum grade of C, or passing score on non-credit equivalency exam for MATH 2412. or consent of division chair. Semester Hours 4 (4 lec)

## **PHIL 2303 Introduction to Formal Logic**

The purpose of the course is to introduce the student to symbolic logic, including syllogisms, propositional and predicate logic, and logical proofs in a system of rules. Semester Hours 3 (3 lec)

#### **RELE 1303 Real Estate Appraisal**

Introduces a study of the central purposes and functions of an appraisal, social, and economic determinant of value, appraisal case studies, cost, market data and income approaches to value estimates, final correlations, and reporting. Semester Hours 3 (3 lec)

#### **RELE 1307 Real Estate Investment**

Introduces a study of the characteristics of real estate investments. Includes techniques of investment analysis, time-valuing money, discounted and non-discounted investment criteria, leverage, tax shelters, depreciation, and applications to property tax. Semester Hours 3 (3 lec)

#### **RELE 1311 Law of Contracts Real Estate Contracts**

Introduces a study of the elements of a contract, offer and acceptance, statute of frauds, specific performance and remedies for breach, unauthorized practice of law commission rules relating to use of adopted forms, and owner disclosure requirements. Semester Hours 3 (3 lec)

# **RELE 1315 Property Management**

Introduces a study of the role of the property manager, landlord policies, operational guidelines, leases, lease negotiations, tenant relations, maintenance, reports, habitability laws, and the Fair Housing Act. Semester Hours 3 (3 lec)

## **RELE 1319 Real Estate Finance**

Overviews of monetary system, primary and secondary money markets, sources of mortgage loans, federal government programs, loan applications, processes and procedures, closing costs, alternative financial instruments, equal credit opportunity, laws affecting mortgage lending, Community Reinvestment Act, and the state housing agency. Prerequisite: RELE 1301, concurrent enrollment in RELE 1301, or consent of program director. Semester Hours 3 (3 lec)

# RELE 1325 Real Estate Mathematics

Introduces mathematical logic and basic arithmetic skills including percentages, interest, time, value of money, depreciation, amortization, proration, and estimation of closing statement. Semester Hours 3 (3 lec)

# **RELE 2331 Real Estate Brokerage**

Provides a study in law of agency, planning and organization, operational policies and procedures, recruiting, selection and training of personnel, records and control, and real estate firm analysis and expansion criteria. Semester Hours 3 (3 lec)

## **RELE 2589 Internship - Real Estate**

Establishes a work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. A learning plan is developed by the college and the employer. This is a Capstone course. This may be a paid or unpaid experience. The work environment is arranged by the student. Prerequisites: an approved work station and consent of the program director. Must meet internship requirements. (See Guidelines for Internships.) Semester Hours 5 (1 lec/15-20 lab)

## **COMM 1307 Introduction to Mass Communication**

Survey of basic content and structural elements of mass media and their functions and influences on society. Semester Hours 3 (3 lec)

# **SPCH 1311 Introduction to Speech Communication**

Introduces basic human communication principles and theories embedded in a variety of contexts, including interpersonal, small group, and public speaking. Semester Hours 3 (3 lec)

# SPCH 1315 Public Speaking

Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations. Semester Hours 3 (3 lec)

# **SPCH 1318 Interpersonal Communication**

Application of communication theory to interpersonal relationship development, maintenance, and termination in relationship contexts, including friendships, romantic partners, families, and relationships with co-workers and supervisors. Semester Hours 3 (3 lec)

## SPCH 1321 Business & Professional Communication

Study and application of communication within the business and professional context. Special emphasis will be given to communication competencies in presentations, dyads, teams, and technologically mediated formats. Semester Hours 3 (3 lec)