



Catalog of Courses

Summer & Fall 2009, Spring 2010

ARTS 1301 Art Appreciation (3-3-0)

Prerequisites: None

Corequisites: None

Introduces universal visual language, techniques, and a brief overview of art history. Students explore the basics of art through text and image analysis with hands-on activities designed to develop visual, cultural and aesthetic awareness.

(CIP 5007035126)

BIOL 1306 General Biology I (3-3-0)

Prerequisites: None

Corequisites: None

This introductory course includes the history and philosophy of the science of biology, basic chemistry, energetics, physical phenomena, genetics, and a brief description of the concepts of evolution, and classification of organisms. This course is suitable for science majors whose degree plan does not require a lab.

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BIOL 1322 Nutrition (3-3-0)

Prerequisites: None

Corequisites: None

Students study the fundamentals of health and disease during the age continuum from infancy to the aged. Topics will include the relationship of food to health. Carbohydrates, fats, proteins, vitamins, and minerals will be presented to show their impact on the body. Body processes such as digestion, absorption, food habits, and beliefs will also be examined.

(CIP 1905015109)



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BIOL 1407 General Biology II (4-3-3)

Prerequisites: BIOL 1406

Corequisites: None

Fees: Laboratory

Continuation of **BIOL 1406**. Emphasis is on structure and function of living organisms and ecology. This course may be taken without the lab, **BIOL 1307**, for those degree plans not requiring a lab component. This course includes a lab component.

(CIP 2601015103)

BIOL 2401 Human Anatomy and Physiology I (4-3-3)

Prerequisites: None

Corequisites: None

Fees: Laboratory

Students study the structure and function of cells and body systems with emphasis on the integumentary, skeletal, muscular, and nervous systems. Laboratory exercises are also included and serve to enhance the content. This course must be followed by **BIOL 2402** to complete a science requirement.

Recommendation: Students with little or no Biology background should take **BIOL 1406** prior to enrollment in this class.

(CIP 2607075103)

BIOL 2402 Human Anatomy and Physiology II (4-3-3)

Prerequisites: BIOL 2401 with a grade of "C" or better

Corequisites: None

Fees: Laboratory

Students study the structure and function of the endocrine, digestive, respiratory, cardiovascular, lymphatic, genitourinary, and reproductive systems. Human growth, development and genetics are also included. The laboratory exercises will enhance the content. Satisfies the requirements of human anatomy and physiology for some paramedical and allied health curricula.

(CIP 2607075103)



Catalog of Courses

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CHEM 1305 Introductory Chemistry I (3-3-0)

Prerequisites: Successful completion of MATH 0303

Corequisites: None

This course provides an introduction to elementary inorganic chemistry and is suitable for non-science majors and students pursuing degrees in allied health and nursing. .

If the student's degree plan requires a laboratory course, the student should also take **CHEM 1105**.

This course requires a good working knowledge of elementary and intermediate algebra (**MATH 0303**). Students cannot receive credit for both **CHEM 1305** and **CHEM 1311**. **CHEM 1305** does not count as a pre-requisite for **CHEM 1312** (General Chemistry II).

(CIP 4005015103)

CHEM 1307 Introductory Chemistry II (3-3-0)

Prerequisites: Successful completion **CHEM 1305** or equivalent, with a grade of "C" or higher

Corequisites: None

This course is a continuation of **CHEM 1305**. The course provides an introduction to elementary organic chemistry and biochemistry and is suitable for non-science majors and students pursuing degrees in allied health and nursing.

If the student's degree plan requires a laboratory course, the student should take **CHEM 1107**.

This course requires a good working knowledge of elementary and intermediate algebra (MATH 0303). Students cannot receive credit for both **CHEM 1307** and **CHEM 1312**.

(CIP 4005015103)



Catalog of Courses

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ENGL 1301 Freshman Composition I (3-3-0)

Prerequisites: Appropriate placement score or credit in **ENGL 0301**

Corequisites: None

This course focuses on developing thesis statements, student essay writing, to include the narrative and persuasive modes, and practice using a variety of logical and organization patterns. The course will emphasize reading and critical thinking skills through written, oral and visual rhetorical methods. This course incorporates substantial use of peer review workshops and diverse readings. Successful completion of a research paper is required to pass this course.

(CIP 2304015112)

NOTE: ENGL 1301 and ENGL 1302 may not be taken concurrently

ENGL 1302 Freshman Composition II (3-3-0)

Prerequisites: **ENGL 1301** with a "C" or better

Corequisites: None

This is the second course in the freshman composition sequence. Emphasis in essay composition is on critical thinking, to include logic, argumentation/persuasion, research, and critical analysis of the subject matter, form, and style of multidisciplinary and multicultural works. Students will write at least one argument based essay in which they effectively use the first person and another argument based essay in which they effectively use the third person. A research paper to include qualitative and quantitative methods is required.

(CIP 2304015112)

ENGL 1301 and ENGL 1302 cannot be taken concurrently

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Catalog of Courses

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GOVT 2305 Federal Government (3-3-0)

Prerequisites: None

Corequisites: None

Government 2305 is a general survey course in American national government with emphasis on the U.S. Constitution and covering such topics as federal-state and interstate relations, rights and obligations of citizens, democracy, the legislative process, human rights, political parties, interest groups, the role of media in American politics, the executive, judicial, and administrative functions in federal government.

Credit in both **GOVT 2305** and **GOVT 2306** is necessary to satisfy the legislative requirements for graduation. If only three hours of government are needed to meet the requirements of a technical curriculum or to satisfy the state requirements for teacher certification, that should be **GOVT 2301**, which includes a study of both state and national constitutions. Note: Students who have already taken **GOVT 2301** must take either **GOVT 2305** or **GOVT 2306** in order to satisfy the legislative requirements. Students who have already taken **GOVT 2302** must take **GOVT 2301** as soon as possible to meet the legislative requirement

(CIP 4510025125)

GOVT 2306 Texas Government (3-3-0)

Prerequisites: None

Corequisites: None

GOVT 2306 is a general survey of the United States and Texas Constitutions, federalism, political parties, interest groups, bureaucracy, budgetary process, legislature, governor, court system, county and municipal organizations, and current problems facing local governments.

Credit in both **GOVT 2305** and **2306** is necessary to satisfy the legislative requirements for graduation. If only three hours of government are needed to meet the requirements of a technical curriculum or to satisfy the state requirements for teacher certification, that should be **GOVT 2301**, which includes a study of both state and national constitutions. Note: Students who have already taken **GOVT 2301** must take either **GOVT 2305** or **GOVT 2306** in order to satisfy the legislative requirements. Students who have already taken GOVT 2302 must take **GOVT 2301** as soon as possible to meet the legislative requirement

(CIP 4510025125)



Catalog of Courses

Summer & Fall 2009, Spring 2010

HIST 1301 History of the United States I (3-3-0)

Prerequisites: None

Corequisites: None

Students analyze U.S. history from early native civilizations in America through European settlement, the establishment of our nation, and the Civil War era, with the primary emphasis on critical and creative thinking. Students address those historical events and trends that seem most important for understanding the evolution and revolutions of American history. This course satisfies one-half the legislative requirement of six semester hours in American history.

(CIP 5401025125)

HIST 1302 History of the United States II (3-3-0)

Prerequisites: None

Corequisites: None

Students analyze U.S. history from Reconstruction to the present with a primary emphasis on critical and creative thinking. Students address those historical events and trends that seem most important for understanding the evolution and revolutions of American history. This course satisfies one-half of the legislative requirements for six semester hours in American history.

(CIP 5401025125)

HIST 2301 Texas History (3-3-0)

Prerequisites: None

Corequisites: None

In this course, students investigate the development of Texas beginning from its Native American roots, through Spanish and Mexican influence, the Republic of Texas, statehood, Civil War to the present. There is also an inquiry into the history of 19 th century European immigration as well as an exploration of San Antonio history. The emphasis is on the major historical, social, cultural, political and economic movements contributing to the Texas experience.

(CIP 5401025225)



Catalog of Courses

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HUMA 1301 Introduction to the Humanities I (3-3-0)

Prerequisites: None

Corequisites: None

This course is a survey of the Humanities in which students engage in an interdisciplinary, multi-perspective and global assessment of cultural, philosophical, political, and aesthetic factors that shape the individual and the society.

There are no Prerequisites for any of the Humanities course offerings. Each course stands alone and each course equally fulfills the Humanities requirement. Students are encouraged to select the course that best suits their interests or best fits their particular needs.

(CIP 2401035112)

HUMA 1315 Introduction to the Arts (3-3-0)

Prerequisites: None

Corequisites: None

Understanding purposes and processes in the visual and musical arts including evaluation of selected works. Students explore the basics of art through text, audio, and image analysis with hands-on activities designed to develop cultural and aesthetic awareness.

There are no Prerequisites for any of the Humanities course offerings. Each course stands alone and each course equally fulfills the Humanities requirement. Students are encouraged to select the course that best suits their interests or best fits their particular needs.

(CIP 5001015126)

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Summer & Fall 2009, Spring 2010

MATH 0301 Introduction to Algebra (3-3-1)

Prerequisites: Appropriate placement score or "C" (75%) or better in **MATH 0300**, or equivalent

Corequisites: None

Fees: Laboratory

This course focuses on solution methods for linear equations and inequalities, graphs of linear functions, linear models, and the use of these concepts in problem solving. A student who is required by the college to take this course must pass it with C (75%) or better before being allowed to take a higher-level course in the mathematics sequence. This course requires weekly attendance in the Cooperative Learning Lab for Math.

(CIP 3201045119)

MATH 0302 Elementary Algebra (3-3-1)

Prerequisites: Appropriate placement score or "C" (75%) or better in **MATH 0301**, or equivalent

Corequisites: None

Fees: Laboratory

This course focuses on factoring, arithmetic operations on polynomials and rational expressions, and the use of these concepts in problem solving. A student who is required by the college to take this course must pass it with C (75%) or better before being allowed to take a higher-level course in the mathematics sequence. This course requires weekly attendance in the Cooperative Learning Lab for Math.

Courses which begin with a zero, such as 0302, are developmental in nature. While they are especially helpful in preparing students for college-level work-and fulfill TSI requirements-they cannot be substituted for any part of the required college level mathematics curriculum.

(CIP 3201045119)



Catalog of Courses

Summer & Fall 2009, Spring 2010

MATH 0303 Intermediate Algebra (3-3-1)

Prerequisites: Appropriate placement score or "C" (75%) or better in MATH 0302, or equivalent

Corequisites: None

Fees: Laboratory

This course focuses on solution methods for quadratic equations and inequalities, graphs of quadratic functions, quadratic models, and the use of these concepts in problem solving. A student who is required by the college to take this course must pass it with C (75%) or better before being allowed to take a higher-level course in the mathematics sequence. This course requires weekly attendance in the Cooperative Learning Lab for Math.

Courses which begin with a zero, such as 0303, are developmental in nature. While they are especially helpful in preparing students for college-level work-and fulfill TSI requirements-they cannot be substituted for any part of the required college level mathematics curriculum.

(CIP 3201045219)

MATH 1314 College Algebra (3-3-0)

Prerequisites: Appropriate placement score or "C" (75%) or better in **MATH 0303**, or equivalent

Corequisites: None

Fees: Special

Topics may include functions, including the algebra of functions, composites, inverses, graphs, and logarithmic and exponential functions; systems of equations using Cramer's Rule; matrices and determinants; the Binomial Theorem; and arithmetic and geometric sequences and series with Sigma notation.

(CIP 2701015419)

MUSI 1301 Fundamentals of Music (3-3-0)

Prerequisites: None

Corequisites: None

Fees: Laboratory

Introduction to the elements of music theory: scales, intervals, keys, triads, elementary ear training, keyboard harmony, notation, meter, and rhythm.

(CIP 5009045526)

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PSYC 2301 Introduction to Psychology (3-3-0)

Prerequisites: None

Corequisites: None

Students are introduced to the principles of behavior and mental processes and development, including study of the brain, learning, consciousness, memory, and emotion.

(CIP 4201015125)

READ 0301 Reading I (3-3-1)

Prerequisites: Appropriate placement score

Corequisites: None

Fees: Laboratory

This course is designed for the student reading between the 6th and 8th grade level and needing additional review, refinement and reinforcement of basic reading skills. Word recognition, vocabulary development, comprehension, fluency, and study skills will be stressed. Three lecture hours per week plus one laboratory hour are required. Requires weekly attendance in the Cooperative Learning Lab for Reading.

(CIP 3201085212)

READ 0302 Reading II (3-3-1)

Prerequisites: Appropriate placement score or **READ 0301** with a grade of "C" or better

Corequisites: None

Fees: Laboratory

This course is designed for the student reading between the 8th and 10th grade level. Pertinent vocabulary, specific textbook comprehension, necessary study skills in context, and flexibility of reading rates are emphasized. Efficient reading techniques appropriate for academic demands are developed. Three lecture hours per week plus one laboratory hour are required. Requires weekly attendance in the Cooperative Learning Lab for Reading.

(CIP 3201085212)



Catalog of Courses

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SOCI 1301 Introduction to Sociology (3-3-0)

Prerequisites: None

Corequisites: None

In this course, students examine social structures that shape and define human society. Students will study such topics as culture, stratification, gender, race and ethnicity, media, deviance, environment, and social change. An emphasis is placed on students gaining a global perspective and developing an appreciation for cross-cultural differences.

(CIP 4511015125)

SPCH 1311 Introduction to Speech Communications (3-3-0)

Prerequisites: None

Corequisites: None

This course introduces speech communication in one-to-one, small group, and public communication situations. Students learn about communication theory, improve skills in communication with others, and make formal oral presentations.

(CIP 2310015112)