



# **LOUISIANA STATEWIDE COMMON COURSE CATALOG**

A Work in Progress  
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**Academic Year 2012-2013**

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# STATEWIDE COMMON COURSE CATALOG

As of November 2012

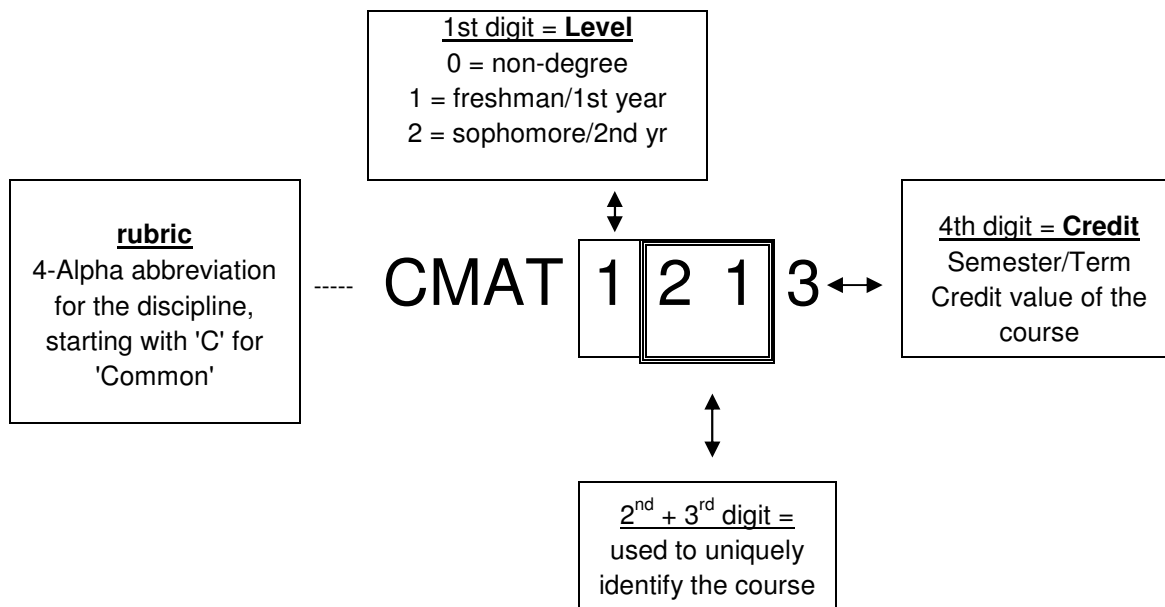
## HISTORY

Since 2003, the Board of Regents has made available to the public via its website the Master Course Articulation Matrix that reflects course equivalencies among postsecondary institutions of higher education. Courses on the Matrix have typically been in the areas of General Education, Science and Business. In 2009 Act 356 required implementation of a statewide common course numbering system “to facilitate program planning and the transfer of students and course credits between and among institutions.” Understanding the significance of determining course equivalencies as critical to developing and maintaining a statewide common course numbering system, the Board of Regents brought together faculty representatives from all of the public colleges and universities starting in the fall of 2011 to discuss this initiative. The Faculty worked to establish common course content to be covered for each course included on the Matrix. This initiative will continue with an eye toward expansion and refinement of the Matrix

## LOUISIANA CCN NAMING RUBRIC

Each course is identified by a four-character "rubric" (i.e. prefix or department abbreviation) and a four-digit number. Each rubric begins with “C” to signify that it is a state “Common” number, so that when they are included in campus catalogs and web sites, its meaning will be clear.

The first digit of the course number denotes the academic level of the course; the second and third digits; and the third establish course sequencing and/or distinguish the course from others of the same level, credit value, and rubric; and fourth digits denotes the credit value of the course in semester hours.



All rubric/number course identifiers correspond to course descriptors listed in the Statewide Course Catalog, published by the Louisiana Board of Regents with direct Faculty input. The Statewide Course Catalog will comprise the academic courses for which there is statewide agreement among discipline faculty representative as to the minimum course content to be covered so that a student completing the course will be ready for the next course for which it is a prerequisite in a sequence or curriculum.

State Common Course designations will all begin with “C.” Within each level and credit value, there is room for 99 courses. Lectures and corresponding Labs will be in the same number group, differentiated by credit value.

## LIST OF COMMON COURSES

Statewide Rubric	Statewide Common Course Descriptor ( <i>minimum</i> )
<b>CAST</b>	<b>ASTRONOMY</b>
CAST 1103	<b>Astronomy/The Solar System</b> Introduction to the astronomy of the solar system
CAST 1113	<b>Astronomy/Stars &amp; Galaxies</b> Introduction to the astronomy of stars and galaxies.
<b>CARB</b>	<b>ARABIC</b>
CARB 1013, 1014	<b>Elementary Arabic I (3-4 Cr Hrs)</b> Basic lexicon and structure of Arabic; emphasis on the four basic skills (listening, speaking, reading, and writing) and exploration of Arab cultures. Beginning course: no previous knowledge of Arabic expected or required.
CARB 1023, 1024	<b>Elementary Arabic II (3-4 Cr Hrs)</b> Continuation of the study of Arabic on the elementary level.
<b>CART</b>	<b>ART</b>
CART 1013	<b>Exploring the Arts</b> Emphasis on process of both artistic creation and critical analysis in the fine arts (music, visual art, theatre, and dance) as they relate to the human experience; exploration of achievements, content and function in each of the four primary arts.
CART 1023	<b>Introduction to Visual Arts</b> Basic elements and principles of the visual arts: the vocabulary of art; appreciation and understanding of diverse styles and mediums of art, past and present; developing visual literacy. Includes opportunities to experience art (reproductions and/or live).
CART 2303	<b>Color Theory</b> Study of the properties and interactions of color and its perceptual effects through the application of various design principles. (Studio course, with at least 6 contact hours).
CART 1113	<b>Art Structure/ 2-D Design</b> Problem-solving course covering the visual elements and principles of 2-D design. Hands-on experience (Studio course, with at least 6 contact hours).
CART 1123	<b>3-D Design</b> Introduction and exploration of the basic elements, principles, and aesthetic concepts in 3-D design. Hands-on experience (Studio course, with at least 6 contact hours).
CART 2103	<b>Art History I</b> Chronological survey of art: prehistoric, Near-Eastern, Greek, Roman, and medieval art.
CART 2113	<b>Art History – II</b> Chronological survey of Renaissance to modern art.
CART 2203	<b>Beginning Drawing</b> Introduction to elements, vocabulary and principles of drawing through various media; drawing from observation; includes composition, perspective, spatial organization, line, value and gesture. (Studio course, with at least 6 contact hours.)
CART 2213	<b>Figure Drawing</b> Introduction to drawing the human form from observation, using various media. (Studio course, with at least 6 contact hours.)
<b>CBIO</b>	<b>BIOLOGICAL SCIENCES</b>
CBIO 1011	<b>General Biology I Lab</b> Laboratory designed to supplement General Biology I for non-science majors.
CBIO 1013	<b>General Biology I</b> Broad biological principles for non-science majors: scientific method; biological molecules, cell structure and

	function; genetics and evolution.
CBIO 1021	<b>General Biology II Lab</b> Laboratory designed to supplement General Biology II for non-science majors.
CBIO 1022	<b>General Biology Lab I+II</b> Laboratory designed to supplement General Biology I & II for non-science majors.
CBIO 1023	<b>General Biology II</b> Broad biological principles for non-science majors: evolution and biological diversity. Topics may vary.
CBIO 1031	<b>General Biology I Lab (Science Majors)</b> Laboratory designed to supplement General Biology I for science majors.
CBIO 1033	<b>General Biology I (Science Majors)</b> Scientific method; general concepts and principles of biological molecules, cell structure and function; genetics.
CBIO 1034	<b>General Biology I (Science Majors) Lecture + Lab</b> Scientific method; general concepts and principles of biological molecules, cell structure and function; genetics. The course material is presented in a combined lecture and laboratory format.
CBIO 1041	<b>General Biology II Lab (Science Majors)</b> Laboratory designed to supplement General Biology II for science majors.
CBIO 1043	<b>General Biology II (Science Majors)</b> General concepts and principles of ecology, evolution, and biological diversity.
CBIO 1044	<b>General Biology II (Science Majors) Lecture + Lab</b> Laboratory designed to supplement General Biology II for science majors. The course material is presented in a combined lecture and laboratory format.
CBIO 2101	<b>General Microbiology Lab</b> Laboratory designed to supplement General Microbiology for non-science majors.
CBIO 2103	<b>General Microbiology</b> Broad principles of microbiology for non-science majors.
CBIO 2104	<b>General Microbiology Lecture + Lab</b> Broad principles of microbiology for non-science majors. The course material is presented in a combined lecture and laboratory format.
CBIO 2111	<b>Microbiology Lab for Nursing/Allied Health</b> Laboratory designed to supplement Microbiology for Nursing & Allied Health
CBIO 2113	<b>Microbiology for Nursing &amp; Allied Health</b> Principles of microbiology, with emphasis on health and disease.
CBIO 2114	<b>Microbiology Lab for Nursing/Allied Health Lecture + Lab</b> Laboratory designed to supplement Microbiology for Nursing & Allied Health. The course material is presented in a combined lecture and laboratory format.
CBIO 2121	<b>General Microbiology Lab (Science Majors)</b> Laboratory designed to supplement General Microbiology for science majors.
CBIO 2123	<b>General Microbiology (Science Majors)</b> General concepts of microbiology including microbe structure and function, genetics, metabolism & diversity, host-microbe interactions, pathogens and immunology.
CBIO 2124	<b>General Microbiology (Science Majors) Lecture + Lab</b> General concepts of microbiology including microbe structure and function, genetics, metabolism & diversity, host-microbe interactions, pathogens and immunology. The course material is presented in a combined lecture and laboratory format.
CBIO 2131	<b>Cell Biology Lab</b> Laboratory designed to supplement Cell Biology.
CBIO 2133	<b>Cell Biology</b> Structure and functions of cells, and molecules essential for cellular processes.
CBIO 2134	<b>Cell Biology Lecture + Lab</b> Structure and functions of cells, and molecules essential for cellular processes. The course material is presented in a combined lecture and laboratory format.
CBIO 2211	<b>Human Anatomy and Physiology I Lab</b>

	Laboratory designed to supplement Human Anatomy and Physiology I.
CBIO 2213	<b>Human Anatomy and Physiology I</b> Cells, tissues, integumentary, skeletal, muscular, and nervous systems.
CBIO 2214	<b>Human Anatomy and Physiology I Lecture + Lab</b> Cells, tissues, integumentary, skeletal, muscular, and nervous systems. The course material is presented in a combined lecture and laboratory format.
CBIO 2221	<b>Human Anatomy and Physiology II Lab</b> Laboratory designed to supplement Human Anatomy and Physiology II.
CBIO 2223	<b>Human Anatomy and Physiology II</b> Endocrine, circulatory, respiratory, lymphatic, digestive, excretory, and reproductive systems.
CBIO 2224	<b>Human Anatomy and Physiology II Lecture + Lab</b> Endocrine, circulatory, respiratory, lymphatic, digestive, excretory, and reproductive systems. The course material is presented in a combined lecture and laboratory format.
CBIO 2311	<b>Botany I Lab</b> Laboratory designed to supplement General Botany I.
CBIO 2313	<b>Botany I</b> Classification, structure, and function of plants.
CBIO 2314	<b>Botany I Lecture + Lab</b> Classification, structure, and function of plants. The course material is presented in a combined lecture and laboratory format.
CBIO 2231	<b>Comparative Anatomy Lab</b> Laboratory designed to supplement Comparative Biology.
CBIO 2233	<b>Comparative Anatomy</b> Introduction to phylogeny of organ systems of vertebrates.
CBIO 2234	<b>Comparative Anatomy Lecture + Lab</b> Introduction to phylogeny of organ systems of vertebrates. The course material is presented in a combined lecture and laboratory format.
CBIO 2511	<b>Introduction to Genetics Lab</b> Laboratory designed to supplement Genetics.
CBIO 2513	<b>Introduction to Genetics</b> General principles of genetics, to include heredity and genetic analysis.
CBIO 2514	<b>Introduction to Genetics Lecture + Lab</b> General principles of genetics, to include heredity and genetic analysis. The course material is presented in a combined lecture and laboratory format.
CBIO 2601	<b>Introduction to Zoology Lab</b> Laboratory designed to supplement Introduction to Zoology.
CBIO 2603	<b>Introduction to Zoology</b> Classification, structure, and function of animals.
CBIO 3231	<b>Comparative Anatomy Lab (UPPER LEVEL)</b> Laboratory designed to supplement Comparative Biology.
CBIO 3233	<b>Comparative Anatomy (UPPER LEVEL)</b> Phylogeny of organ systems of vertebrates.
CBIO 3234	<b>Comparative Anatomy Lecture + Lab (UPPER LEVEL)</b> Phylogeny of organ systems of vertebrates. The course material is presented in a combined lecture and laboratory format.
CBIO 3401	<b>Biochemistry I Lab (UPPER LEVEL)</b> Laboratory designed to supplement Biochemistry I
CBIO 3403	<b>Biochemistry I (UPPER LEVEL)</b> Introduction to structure and function of biological macromolecules, enzymology, and metabolism.
CBIO 3521	<b>Genetics Lab (UPPER LEVEL)</b> Laboratory designed to supplement Genetics.
CBIO 3523	<b>Genetics (UPPER LEVEL)</b> Mendelian, evolutionary, and molecular genetics.

CBIO 3524	<b>Genetics (UPPER LEVEL) Lecture + Lab</b> Mendelian, evolutionary, and molecular genetics. The course material is presented in a combined lecture and laboratory format.
CBIO 4141	<b>Cell Biology Lab (UPPER LEVEL)</b> Laboratory designed to supplement Cell Biology
CBIO 4143	<b>Cell Biology (UPPER LEVEL)</b> Structure, function and organization of cells.
CBIO 4144	<b>Cell Biology (UPPER LEVEL) Lecture + Lab</b> Structure, function and organization of cells. The course material is presented in a combined lecture and laboratory format.
CBIO 4411	<b>Biochemistry II Lab (UPPER LEVEL)</b> Laboratory designed to supplement Biochemistry II.
CBIO 4413	<b>Biochemistry II (UPPER LEVEL)</b> Metabolic pathways and the flow of genetic information.
CBIO 4412	<b>Biochemistry I+II Lab (UPPER LEVEL)</b> Laboratory designed to supplement Biochemistry I & II.
<b>CCEM</b>	<b>CHEMISTRY</b>
CCEM 1003	<b>General, Organic &amp; Biochemistry</b> A survey of general, organic, and bio-chemistry, primarily for nursing and allied health.
CCEM 1013	<b>General Chemistry Survey</b> A one-semester 'terminal' survey of general chemistry concepts and principles, for teachers and non-science majors.
CCEM 1101	<b>Chemistry I Lab (Non-Science Majors)</b> Safety; basic laboratory techniques (to include data collection and interpretation; introduction to laboratory reporting/record keeping) related to the topics in Chemistry I.
CCEM 1103	<b>Chemistry I (Non-Science Majors)</b> An introduction to nomenclature; atomic structure; chemical equations and stoichiometry; gas laws; bonding. Quantitative problem solving. Energy relationships, and solutions.
CCEM 1111	<b>Chemistry II Lab (Non-Science Majors)</b> Safety; basic laboratory techniques related to the topics in Chemistry II.
CCEM 1113	<b>Chemistry II (Non-Science Majors)</b> An introduction to special topics in chemistry, which may include basic organic and biochemistry, acid/base, and others. (Topics will vary.)
CCEM 1121	<b>Chemistry I Lab (Science Majors)</b> Safety; basic laboratory techniques (to include data collection and interpretation; introduction to laboratory reporting/record keeping) related to the topics in Chemistry I (Science Majors).
CCEM 1123	<b>Chemistry I (Science Majors)</b> Nomenclature. Atomic and molecular structure. Chemical equations and stoichiometry; gas laws; bonding. Quantitative problem solving. Introduction to periodicity, energy relationships, and solutions.
CCEM 1131	<b>Chemistry II Lab (Science Majors)</b> Safety; basic laboratory techniques related to the topics in Chemistry II (Science Majors).
CCEM 1132	<b>Chemistry I+II Lab (Science Majors)</b> A 2-hour lab to support the topics in CHEM I and II.
CCEM 1133	<b>Chemistry II (Science Majors)</b> Intermolecular forces; thermodynamics; general and heterogeneous equilibrium; kinetics; solutions; acid/base equilibrium and properties; and electrochemistry.
CCEM 2203	<b>Organic Chemistry, Survey</b> Introduction to nomenclature, chemical reactions, functional groups, stereochemistry. (One-semester, 'terminal' course.)
CCEM 2211	<b>Organic Chemistry I Lab</b> Safety; basic laboratory techniques related to the topics in Organic Chemistry I.
CCEM 2213	<b>Organic Chemistry I</b> Nomenclature, chemical reactions, synthesis, functional groups, structure/property relationships,

	stereochemistry, spectroscopy, and mechanistic theory. (Pre-professional; Science Majors)
CCEM 2221	<b>Organic Chemistry II Lab</b> Safety; basic laboratory techniques related to the topics in Organic Chemistry II.
CCEM 2223	<b>Organic Chemistry II</b> Continuation of topics in Organic Chemistry I.
CCEM 2301	<b>Analytical Chemistry Lab</b> Safety; basic laboratory techniques related to the topics in Analytical Chemistry.
CCEM 2303	<b>Analytical Chemistry (Quantitative Analysis)</b> Introduction to techniques and practices of analytical chemistry. Topics will include: statistics, equilibrium, titration, spectroscopy, electrochemistry, chromatography.
CCEM 2304	<b>Analytical Chemistry (Quantitative Analysis)</b> Introduction to techniques and practices of analytical chemistry. Topics will include: statistics, equilibrium, titration, spectroscopy, electrochemistry, chromatography. The course material is presented in a combined lecture and laboratory format.
<b>CCOM</b>	<b>COMMUNICATION</b>
CCOM 1013	<b>Fundamentals of Communication</b> Broad-based overview of the field of communication as a social and cultural construct, through an examination of practices and theories in various contexts and settings. Topics may include communication theory, media studies, rhetoric intercultural studies, group and organizational communication, and performance.
CCOM 2013	<b>Public Speaking</b> Study and application of basic principles of effective extemporaneous speaking, including audience analysis and adaptation, topic selection, research, organization, and presentation skills. Students deliver, listen to, and critique a variety of speeches.
CCOM 2113	<b>Argumentation and Debate</b> Principles and techniques of argumentation and debate, including analysis, briefing, evidence, reasoning and refutation; debating vital issues.
CCOM 2213	<b>Interpersonal Communication</b> Study of the theory and practice of communication in one-to-one relationships, with emphasis on conflict management, listening, nonverbal communication, gender and culture.
CCOM 2313	<b>Business &amp; Professional Communication</b> Development and practice of oral communication skills necessary in business and professional settings. Includes experience in interviewing, individual presentations, group problem-solving and adapting to organizational cultures.
<b>CDNC</b>	<b>DANCE</b>
CDNC 1013	<b>Dance Appreciation</b> Introduction to various forms of dance (to include ballet, tap, jazz, modern, and social dance) with an emphasis on dance technique, history, theory and appreciation.
<b>CECO</b>	<b>ECOLOGY</b>
CECO 4121	<b>Principles of Ecology Lab (UPPER LEVEL)</b> Laboratory designed to supplement Principles of Ecology.
CECO 4123	<b>Principles of Ecology (UPPER LEVEL)</b> Fundamental relationships between living organisms and their environment with emphasis on communities, populations, and ecosystems; adaptations to the environment.
CECO 4124	<b>Principles of Ecology Lecture + Lab (UPPER LEVEL)</b> Fundamental relationships between living organisms and their environment with emphasis on communities, populations, and ecosystems; adaptations to the environment. The course material is presented in a combined lecture and laboratory format.
<b>CENL</b>	<b>ENGLISH</b>
CENL 1013	<b>English Composition I</b>

	Introduces students to the critical thinking, reading, writing and rhetorical skills required in the college/university and beyond, including citation and documentation, writing as process, audience awareness; and writing effective essays.
CENL 1023	<b>English Composition II</b> Continuation and further development of material and strategies introduced in ENGL COMPOSITION I. Primary emphasis on composition, including research strategies, argumentative writing, evaluation , and analysis.
CENL 2103	<b>British Literature I</b> A survey of British writers from the beginning to the Romantic Era; includes literary analysis and writing about literature.
CENL 2113	<b>British Literature II</b> A survey of British writers from the Romantic Era through the present day; includes literary analysis and writing about literature.
CENL 2123	<b>Major British Writers</b> A survey of significant British writers; includes literary analysis and writing about literature.
CENL 2153	<b>American Literature I</b> A survey of American writers from the beginning to the Civil War; includes literary analysis and writing about literature.
CENL 2163	<b>American Literature II</b> A survey of American writers from the Civil War through the present day; includes literary analysis and writing about literature.
CENL 2173	<b>Major American Writers</b> A survey of significant American writers; includes literary analysis and writing about literature.
CENL 2203	<b>World Literature I</b> A survey of world writers from the beginnings through the 1600s; includes literary analysis and writing about literature.
CENL 2213	<b>World Literature II</b> A survey of world writers from circa 1700 through the present day; includes literary analysis and writing about literature.
CENL 2223	<b>Major World Writers</b> A survey of significant world writers; includes literary analysis and writing about literature.
CENL 2303	<b>Introduction to Fiction</b> Introduction to fiction; includes critical analysis and writing about literature.
CENL 2313	<b>Introduction to Poetry and/or Drama</b> Introduction to poetry and/or drama; includes critical analysis and writing about poetry/drama.
CENL 2323	<b>Introduction to Literature</b> Introduction to various literary genres; includes critical analysis and writing about literature.
CENL 2403	<b>Introduction to African American Literature</b> Introduction to African American literature; includes critical analysis and writing about literature.
CENL 2413	<b>Introduction to Women's Literature</b> Introduction to literature by or about women; includes critical analysis and writing about literature.
CENL 2503	<b>Mythology or Folklore</b> Introduction to mythology and/or folklore and its role in literature and culture.
<b>CEVS</b>	<b>Environmental Sciences</b>
CEVS 1103	<b>Environmental Science</b> Basic principles of ecology and exploration of contemporary issues in environmental science with an emphasis on man's interaction with the Earth's biological and physical resources.
<b>CFRN</b>	<b>FRENCH</b>
CFRN 1013, 1014	<b>Elementary French I (3-4 Cr Hrs)</b> Basic lexicon and structure of French; emphasis on the four basic skills (listening, speaking, reading, and writing) and culture of the French and Francophone world. Beginning course: no previous knowledge of French expected or required.



CFRN 1023, 1024	<b>Elementary French II (3-4 Cr Hrs)</b> Continuation of the study of French on the elementary level.
CFRN 2013, 2014	<b>Intermediate French I</b> Intermediate level study of structures and lexicon of French; additional emphasis on the four basic skills and culture.
CFRN 2023	<b>Intermediate French II</b> Continuation of the study of French on the intermediate level.
CFRN 2026	<b>Intermediate French I + II (6 Cr Hrs)</b> A course that combines Intermediate French I and Intermediate French II (see course descriptors above for specifics).
<b>CGEO</b>	<b>Geology &amp; Earth Sciences</b>
CGEO 1101	<b>Physical Geology Lab</b> Hands on investigation of the topics in physical geology, especially common minerals, igneous rocks, metamorphic rocks and sedimentary rocks.
CGEO 1103	<b>Physical Geology</b> A study of the physical processes of the Earth, including such topics as minerals, the rock cycle, volcanoes, earthquakes, weathering, plate tectonics, and rivers.
CGEO 1111	<b>Historical Geology Lab</b> Hands on investigation of the topics in Historical Geology, especially fossils, correlation, ordering geologic events and ancient environments.
CGEO 1113	<b>Historical Geology</b> A study of the origin and history of the Earth and the development of life on Earth as revealed in the rocks and fossils.
<b>CGRM</b>	<b>GERMAN</b>
CGRM 1013, 1014	<b>Elementary German I (3-4 Cr Hrs)</b> Basic lexicon and structure of German; emphasis on the four basic skills (listening, speaking, reading, and writing) and culture of the German-speaking world. Beginning course: no previous knowledge of German expected or required.
CGRM 1023, 1024	<b>Elementary German II (3-4 Cr Hrs)</b> Continuation of the study of German on the elementary level.
CGRM 2013	<b>Intermediate German I</b> Intermediate level study of structures and lexicon of German; additional emphasis on the four basic skills and culture.
CGRM 2023	<b>Intermediate German II</b> Continuation of the study of German on the intermediate level.
<b>CHIS</b>	<b>HISTORY</b>
CHIS 1013	<b>Western Civilization I</b> Survey of western civilization from ancient times to the Reformation era.
CHIS 1023	<b>Western Civilization II</b> Survey of western civilization from the Reformation era to the present.
CHIS 1113	<b>World Civilization I</b> Survey of world history from ancient civilizations to 1500.
CHIS 1123	<b>World Civilization II</b> Survey of world history from 1500 to the present.
CHIS 2013	<b>American History I</b> Survey of United States history from earliest times to the Civil War era.
CHIS 2023	<b>American History II</b> Survey of United States history from the Civil War era to the present.
CHIS 2033	<b>Louisiana History</b> Survey of Louisiana history to the present.

<b>CHUM HUMANITIES</b>	
CHUM 2013	<b>Africa and the Middle East</b> Survey of the literature, oral traditions, philosophies and religions, art & architecture, music & dance, and rituals of the cultures of Africa, the middle east, eastern Europe, and the Indian subcontinent.
CHUM 2213	<b>Humanities I</b> A chronological study of philosophy, literature, and fine arts from prehistoric times to the 16 <sup>th</sup> century.
CHUM 2223	<b>Humanities II</b> A chronological study of philosophy, literature, and fine arts from the 16 <sup>th</sup> century through the modern period.
<b>CLTN LATIN</b>	
CLTN 1013, 1014	<b>Elementary Latin I (3-4 Cr Hrs)</b> Introduction to the basics of Latin grammar and reading, as well as aspects of Roman history and culture.
CLTN 1023, 1024	<b>Elementary Latin II (3-4 Cr Hrs)</b> Continuation of the study of elementary Latin.
CLTN 1026	<b>Elementary Latin I + II (6 Cr Hrs)</b> A course that combines Elementary Latin I and Elementary Latin II (see course descriptors above for specifics).
CLTN 2013	<b>Intermediate Latin I</b> Intermediate level reading of Latin texts and study of structures and lexicon of Latin; additional emphasis on Roman history and culture.
CLTN 2023	<b>Intermediate Latin II</b> Reading and analysis of texts in Latin.
<b>CMAT MATHEMATICS</b>	
CMAT 1103	<b>Contemporary Math</b> An introduction to topics in contemporary mathematics. Topics may include the theory of finance, perspective and symmetry in art, formal Aristotelian logic, graph theory, probability and odds, statistics, elementary number theory, optimization, numeracy in the real world, and historical topics in mathematics that have influenced contemporary mathematics. (Topics will vary.)
CMAT 1203	<b>Applied Algebra</b> Emphasis on applications involving: solving equations and inequalities; function properties and graphs; linear, quadratic, polynomial, exponential and logarithmic functions.
CMAT 1213	<b>College Algebra</b> In-depth treatment of solving equations and inequalities; function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations.
CMAT 1223	<b>Trigonometry</b> Trigonometric functions and graphs; inverse trig functions; fundamental identities and angle formulas; solving equations; triangles with applications; polar coordinate system.
CMAT 1233	<b>Algebra and Trigonometry</b> A combined course on: function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations; trigonometric functions and graphs; inverse trig functions; fundamental identities and angle formulas; solving equations, triangles with applications; polar coordinate system.
CMAT 1303	<b>Introductory Statistics</b> Descriptive statistics; probability; discrete and continuous (including the binomial, normal and T) distributions; sampling distributions; interval estimation; hypothesis testing; linear regression and correlation.
CMAT 1313	<b>Finite Math</b> Systems of linear equations, vectors, matrices, and matrix algebra; linear inequalities; counting techniques: permutations and combinations; probability; basic concepts in mathematics finance (annuities included); and an introduction to statistics.
CMAT 2103	<b>Applied Calculus</b>

	An introduction to differential and integral calculus, with an emphasis on applications, designed primarily for business, economics, and social sciences. Topics include limits, the first and second derivative, the first and second derivative tests for relative extrema; exponential and logarithmic functions; the definite and indefinite integral, and the Fundamental Theorem of Calculus. Calculus will be used to solve real world applications. (This course is not equivalent to Calculus I and does not serve as a prerequisite for Calculus II.)
CMAT 2113 2114 2115	<b>Calculus I</b> (3-5 Hrs) Limits and continuity of functions; introduction of the derivative; techniques of differentiation; Chain rule; implicit differentiation; differentiation of transcendental and inverse functions; applications of differentiation: concavity; relative extrema; maximum and minimum values of a function; optimization; anti-differentiation; definite integrals; Fundamental Theorem of Calculus; areas; applications of definite integrals; work and volume. (Courses with fewer than 5 credit hours may cover less than the listed total. Credit/placement exam may be required if transferring a course with fewer credits than the receiving institution.)
CMAT 2123 2124 2125	<b>Calculus II</b> (3-5 Hrs) Techniques of integration; applications of the integral; parametric equations, polar coordinates, sequences and infinite series. (Courses with fewer than 5 credit hours may cover less than the listed total. Credit/placement exam may be required if transferring a course with fewer credits than the receiving institution.)
<b>CMUS</b>	<b>MUSIC</b>
CMUS 1013	<b>Music Appreciation</b> Basic elements and vocabulary of music; appreciation and understanding of diverse styles of music past and present; developing listening skills. Includes opportunities for experiencing music (recorded and/or live).
CMUS 1023	<b>Jazz Appreciation</b> Basic elements and vocabulary of jazz; appreciation and understanding of diverse styles of jazz, past and present. Includes opportunities for experiencing jazz (recorded and/or live).
<b>CPHL</b>	<b>PHILOSOPHY</b>
CPHL 1013	<b>Introduction to Philosophy</b> An introduction to the major issues and ideas developed throughout the history of philosophy.
CPHL 2013	<b>Introduction to Ethics</b> Introduction to ethical theories and their applications.
CPHL 2113	<b>Introduction to Logic</b> Introduces formal and informal reasoning, traditional logic, validation techniques, fallacies, and symbolic logic.
CPHL 2213	<b>World Religions</b> Examination of core beliefs of major world religions.
<b>CPHY</b>	<b>PHYSICS</b>
CPHY 1013	<b>Introduction to Concepts in Physics</b> Survey of concepts in physics, for non-science majors.
CPHY 1023	<b>Physical Science I</b> Survey of concepts in physics and physical sciences.
CPHY 1033	<b>Physical Science II</b> Applications of concepts learned in Physical Science I, which may include physics, chemistry, geology, astronomy, oceanography, etc.
CPHY 2111	<b>Physics I Lab (Algebra/Trigonometry Based)</b> Algebra/Trig-based physics: experiments in mechanics. (Not intended for engineering majors.)
CPHY 2113	<b>Physics I (Algebra/Trigonometry Based)</b> Algebra/Trig-based physics: vectors, kinematics, Newton's Laws, momentum, work & energy, rotations, oscillations & waves, elasticity & equilibrium; thermodynamics. (Not intended for engineering majors.)
CPHY 2114	<b>Physics I (Algebra/Trigonometry Based) Lecture + Lab</b> Algebra/Trig-based physics: vectors, kinematics, Newton's Laws, momentum, work & energy, rotations,

	oscillations & waves, elasticity & equilibrium; thermodynamics. The course material is presented in a combined lecture and laboratory format. (Not intended for engineering majors.)
CPHY 2121	<b>Physics II Lab (Algebra/Trigonometry Based)</b> Algebra/Trig-based physics: experiments in electricity, magnetism, and light. (Not intended for engineering majors.)
CPHY 2123	<b>Physics II (Algebra/Trigonometry Based)</b> Electrostatics, circuits, magnetism, induction, optics, and modern physics. (Not intended for engineering majors.)
CPHY 2124	<b>Physics II (Algebra/Trigonometry Based) Lecture + Lab</b> Electrostatics, circuits, magnetism, induction, optics, and modern physics. The course material is presented in a combined lecture and laboratory format. (Not intended for engineering majors.)
CPHY 2131	<b>Physics I Lab (Calculus Based)</b> Calculus-based physics: Experiments in mechanics.
CPHY 2133	<b>Physics I (Calculus Based)</b> Calculus-based physics: vectors, kinematics, Newton's Laws, momentum, work & energy, rotations, oscillations, elasticity & equilibrium. (Intended for engineering and physical science majors.)
CPHY 2141	<b>Physics II Lab (Calculus Based)</b> Calculus-based physics: Experiments in electricity, magnetism, and light.
CPHY 2143	<b>Physics II (Calculus Based)</b> Calculus-based physics: Gravitational fields; waves; electrostatics; circuits; magnetism; and light. (Intended for engineering and physical science majors.)
<b>CREL</b>	<b>RELIGION</b>
CREL	<b>World Religions</b> Examination of core beliefs of major world religions.
<b>CSPN</b>	<b>SPANISH</b>
CSPN 1013, 1014	<b>Elementary Spanish I (3-4 Cr Hrs)</b> Basic lexicon and structure of Spanish; emphasis on the four basic skills (listening, speaking, reading, and writing) and culture of the Spanish-speaking world. Beginning course: no previous knowledge of Spanish expected or required.
CSPN 1023, 1024	<b>Elementary Spanish II (3-4 Cr Hrs)</b> Continuation of the study of Spanish on the elementary level.
CSPN 1026	<b>Elementary Spanish I + II (6 Cr Hrs)</b> A course that combines Elementary Spanish I and Elementary Spanish II (see course descriptors above for specifics).
CSPN 2013, 2014	<b>Intermediate Spanish I</b> Intermediate level study of structures and lexicon of Spanish; additional emphasis on the four basic skills and culture.
CSPN 2023	<b>Intermediate Spanish II</b> Continuation of the study of Spanish on the intermediate level.
CSPN 2026	<b>Intermediate Spanish I + II (6 Cr Hrs)</b> A course that combines Intermediate Spanish I and Intermediate Spanish II (see course descriptors above for specifics).
<b>CTHE</b>	<b>THEATRE</b>
CTHE 1013	<b>Intro to Theatre</b> Basic aspects, theatre arts, and vocabulary of theatre and dramatic arts, past and present; appreciation and understanding of diverse traditions. Includes opportunities for experiencing live or recorded theatrical performance.
CTHE 2103	<b>Acting I</b> Introduction to acting through improvisation, thought, emotion, intention, body awareness and movement. Develops a firm foundation in basic acting techniques.

CTHE 2113	<b>Acting II</b> Further development and exploration of skills introduced in Acting I.
CTHE 2203	<b>Voice for the Stage</b> Stage voice. Basic techniques for development of the speaking voice through physical awareness, breath release, phonation, resonance and articulation to meet performance standards.
CTHE 2303	<b>Stagecraft</b> Introduction to technical areas of live production: study of construction, painting and manipulation of stage settings and properties.