

COURSE DESCRIPTIONS

The College offers two types of courses: courses designed for degree and transfer credit and courses designed for non-degree institutional credit. Some courses are not offered every semester and the student is encouraged to check the current schedule of classes for each semester. The college reserves the right to cancel course sections due to insufficient enrollment.

EXPLANATION OF COURSE DESCRIPTIONS

Course Prefix	CHEM
Course Number*	2401
Course Title	Organic Chemistry I
Class Hours each Week	<u>3</u> -2-4
Lab Hours Each Week	3-2-4
Semester Hour Credit	3-2- <u>4</u>

***Course Numbers 0000- 0999 Institutional Credit only, non-transfer, non-degree**
1000- 2999 Degree Credit, may transfer to other colleges

ACCOUNTING (ACCT)

ACCT 2101 - Principles of Accounting I **3-0-3**

Prerequisite: none

A course covering the fundamentals of financial accounting to include the fundamental principles and practices of modern accounting, the construction and interpretation of financial statements, and the concepts of debits and credits and their application.

ACCT 2102 - Principles of Accounting II **3-0-3**

Prerequisite: ACCT 2101

A course covering the fundamentals of managerial accounting to include the application of accounting principles to partnerships and corporations; understanding basic cost accounting concepts; and modern methods of data processing and the sources and applications of funds.

ART (ARTS)

ARTS 1010 - Drawing **1-4-3**

Prerequisite: ARTS 1051

A course emphasizing spatial illusions with in-depth analysis of perspective, proportion in figure and portrait drawing, and contemporary problems such as denial and assertion of the picture plane and the relationship between art and new technology.

ARTS 1051 - Art Structure **1-4-3**

Prerequisite: none

A basic course studying the principles of art structure and the basic elements of drawing, with an introduction to the use of various media such as pencil, charcoal, pastels, pen, brush, and ink. Emphasis on problems of composition, line, color, texture, volume, and space.

ARTS 2071 - Painting **1-4-3**

Prerequisite: ARTS 1051

An introduction to the basic fundamentals of painting with emphasis on the study of color theory and composition.

ARTS 2081 - Sculpture **1-4-3**

Prerequisite: none

An exploration of the possibilities and techniques of three-dimensional design in various media.

ARTS 2091 - Arts and Crafts **1-4-3**

Prerequisite: none

A course designed to aid kindergarten and elementary teachers in developing their art programs through hands-on experience with new techniques and classroom-tested projects in drawing, painting, collage, clay, papier-mache, etc.

ARTS 2101 - Pottery	1-4-3
<i>Prerequisite: none</i>	
Introduction to materials, glazing, and firing. Studio work in building pottery by hand and by using the potter's wheel.	
BIOLOGY (BIOL)	
BIOL 1501 - Essentials of Ecology	3-0-3
<i>Prerequisite: exemption or exit from Learning Support (LS) Reading</i>	
An introduction to physical, chemical, and biological aspects of the environment and how humans have affected these aspects. Includes historical, social, political, and economic considerations of environmental issues.	
BIOL 1501L - Essentials of Ecology Laboratory	0-2-1
<i>Prerequisite (or co-requisite): BIOL 1501 and exemption or exit from LS Reading</i>	
Laboratory exercises in conjunction with BIOL 1501 to include field trips to local areas of environmental interest and other out-of-class activities.	
BIOL 1107K - Principles of Biology I	3-2-4
<i>Prerequisite: exemption or exit from LS Reading</i>	
A general introduction to basic biological principles, with emphasis on molecular and cellular concepts, metabolism, reproduction, animal tissues, and genetics and inheritance.	
BIOL 1108K - Principles of Biology II	3-2-4
<i>Prerequisite: BIOL 1107K and exemption or exit from LS Reading</i>	
A continuation of Principles of Biology I with emphasis on animal organ system structure and function, and study of other kingdoms of life, evolution, animal behavior, and ecology.	
BIOL 2050K - Microbiology	3-2-4
<i>Prerequisite: BIOL 1107K with a grade of C or better and exemption or exit from LS Reading</i>	
A study of the major groups of microorganisms--bacteria, viruses, fungi, and protozoa - including their metabolic characteristics and relationship to disease. Includes fundamental laboratory techniques, microbial physiology and genetics, and medical applications. Two 1.5 hour laboratory periods per week.	
BIOL 2111K - Human Anatomy and Physiology I	3-2-4
<i>Prerequisite: BIOL 1107K with a grade of C or better and exemption or exit from LS Reading</i>	
An introduction to the normal biology of the human body, with emphasis on the interrelatedness of structure and function. Topics include molecular and cellular concepts, homeostasis, and detailed study of the integumentary, skeletal, muscular, nervous, and endocrine systems.	
BIOL 2112K - Human Anatomy and Physiology II	3-2-4
<i>Prerequisite: BIOL 2111K with a grade of C or better and exemption or exit from LS Reading</i>	
A continuation of the study of the normal anatomy and physiology of the remaining organ systems of the human body, including the cardiovascular, immune, respiratory, digestive and metabolism, urinary and electrolytes, and reproductive systems.	
BIOL 2230K - General Botany	3-2-4
<i>Prerequisite: BIOL 1107K and BIOL 1108K with a grade of C or better in both classes and exemption or exit from LS Reading</i>	
A study of the plant kingdom with consideration of molecular and cellular aspects, genetics, classification and plant diversity, flowering plant structure and metabolism, and evolutionary and ecological concepts.	
BIOL 2270K - General Zoology	3-2-4
<i>Prerequisite: BIOL 1107K and BIOL 1108K with a grade of C or better in both classes and exemption or exit from LS Reading</i>	
A study of the major groups of animals emphasizing physiological, ecological, taxonomic and evolutionary and ecological concepts.	

BUSINESS (BUSA)

BUSA 1105 - Introduction to Business **3-0-3**

Prerequisite: none

An integrative study of the functional areas of business (finance, operations, marketing, human resources, etc.).

BUSA 2105 - Communicating in the Business Environment **3-0-3**

Prerequisite: ENGL 1101

A course emphasizing both interpersonal and organizational communications; to include written and oral exercises appropriate to business practice.

BUSA 2106 - The Environment of Business **3-0-3**

Prerequisite: none

An introduction to the legal, regulatory, political, social, ethical, cultural, environmental and technological issues which form the context of business; to include an overview of the impact of demographic diversity on organizations.

CHEMISTRY (CHEM)

CHEM 1211K - Principles of Chemistry I **3-2-4**

Prerequisite: MATH 1101 or higher math and exemption or exit from LS Reading

First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and nomenclature. The kinetic theory of matter is emphasized.

CHEM 1212K - Principles of Chemistry II **3-2-4**

Prerequisite: CHEM 1211K and exemption or exit from LS Reading

Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. Topics include chemical solutions, equilibrium, kinetics, nuclear reactions, and coordination chemistry.

CHEM 2401K - Organic Chemistry I **3-2-4**

Prerequisite: CHEM 1212K and exemption or exit from LS Reading

The first course in a two-semester sequence covering the chemistry of carbon compounds. Emphasis is placed on synthesis, reactions and reaction mechanisms, and identification of the organic functional groups.

CHEM 2402K - Organic Chemistry II **3-2-4**

Prerequisite: CHEM 2401K and exemption or exit from LS Reading

Second course in a two-semester sequence covering the chemistry of carbon compounds. Emphasis is placed on compounds of biological interest including heterocyclic compounds, carbohydrates, amino acids and proteins, and nucleic acids.

COMPUTER APPLICATIONS (CISM)

CISM 1100 Computer Applications – South Georgia College (SGC) Nursing students only **1-0-1**

Prerequisite: none

This course uses an introductory, hands-on approach to provide students with basic awareness, understanding, and skills in the educational and business utilization of microcomputers. Topics include principles of hardware and software, the Windows environment, e-mail, the Internet, file management, and word processing.

CISM 2001 - Computer Applications **3-0-3**

Prerequisite: none

An introduction to computing technology and concepts, specifically as it applies to personal computers. Topics include hardware/software terminology, ethics, and current trends in the use of computers. Students are introduced to application software including word processing, e-mail, the Internet, spreadsheet processing, data management, and presentation development.

COMMUNICATION (COMM)

COMM 1110 - Public Speaking

3-0-3

Prerequisite: exemption or exit from LS English and Reading

An introductory course in fundamental principles and practices of oral communication with special emphasis on the organization, content, and delivery of public speeches.

COMPUTER SCIENCE (COMP)

COMP 1301 - Computer Science I

3-2-4

Prerequisite: MATH 1113

An introduction to the fundamentals of computer programming emphasizing problem solving, development of algorithms and structured programs using modern programming paradigms and techniques. Simple data types, arithmetic and logic operators, selection structures, repetition structures, text files, arrays, and procedural abstraction and software design are included. This course involves extensive programming activities.

COMP 1302 - Computer Science II

3-2-4

Prerequisite: COMP 1301

A continuation of COMP 1301 with emphasis on advanced programming structures and techniques. Abstract data types, multi-dimensional arrays and records, sets and strings, binary files, searching and sorting, introductory algorithm analysis, recursion, pointers and linked lists, and dynamic data structures are included. This course involves extensive programming activities.

CRIMINAL JUSTICE (CRJU)

CRJU 1100 - Introduction to Criminal Justice

3-0-3

Prerequisite: none

An examination of the role of police, the courts, and corrections, emphasizing historical approaches to the study of the relationships between the components of the criminal justice system and basic knowledge of terminology and classification.

CRJU 2210 - American Law Enforcement

3-0-3

Prerequisite: CRJU 1100

An overview of law enforcement in a free society and the relationship of police to the criminal justice system as a whole. History, organization, administration, operations, and selected issues such as community policing are examined.

CRJU 2230 - The American Judicial System

3-0-3

Prerequisite: CRJU 1100

A study of the nature and function of the courts with relation to policies and procedures in the administration of criminal justice; special attention will be given to specific topics such as search and seizure, surveillance, entrapment, confessions, and rules of evidence.

CRJU 2310 - Juvenile Justice System

3-0-3

Prerequisite: CRJU 1100

Nature and extent of delinquency; competing explanatory models and theories; evaluation of prevention, control and treatment programs; and juvenile processing in Georgia.

CRJU 2810 - Corrections

3-0-3

Prerequisite: CRJU 1100

Review of the historical and philosophical backgrounds of corrections, with emphasis on the role of corrections as a component of the Criminal Justice System.

ECONOMICS (ECON)

ECON 2105 - Macroeconomics

3-0-3

Prerequisite: none

The fundamental principles of macroeconomics. A study of economics/aggregates, national income determination, monetary and fiscal policy, economic fluctuations and growth, government regulation and business, labor organization, and international trade.

ECON 2106 - Microeconomics**3-0-3***Prerequisite: none*

The fundamental principles of microeconomics. A study of individual economic units, consumer and firms, theory of price determination, supply and demand, income distribution and allocation of resources.

EDUCATION (EDUC)**EDUC 2110 – Investigating Critical and Contemporary Issues in Education****3-0-3***Prerequisite: none*

This course engages students in observations, interactions, and analyses of critical and contemporary educational issues. Students will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Students will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture, and examine the moral and ethical responsibilities of teaching in a democracy. This course includes an additional ten (10) hours of observation by the student in various elementary, middle, and/or secondary school classrooms.

EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts**3-0-3***Prerequisite: none*

Given the rapidly changing demographics in our state and country, this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity; and 4) the influences of culture on learning, development, and pedagogy. This course includes an additional ten (10) hours of observation by the student in various elementary, middle, and/or secondary school classrooms.

EDUC 2130 – Exploring Teaching and Learning**3-0-3***Prerequisite: PSYC 1101*

This course will explore key aspects of learning and teaching through examining your own learning processes and those of others, with the goal of applying your knowledge to enhance the learning of all students in a variety of educational settings and contexts. This course includes an additional ten (10) hours of observation by the student in various elementary, middle, and/or secondary school classrooms.

ENGLISH (ENGL)**ENGL 0099 – Learning Support English****4-0-4***Prerequisite: college placement exam score*

A course designed to teach students to organize and write essays. The student will learn to identify and write introductory paragraphs, developmental paragraphs, and concluding paragraphs within the essay. Levels of generality, effective transition, exact and inclusive language, and organization are emphasized.

ENGL 1101 - English Composition I**3-0-3***Prerequisite: exemption or exit from LS English and Reading*

A composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. A grade of "C" or better is required to receive credit for this course.

ENGL 1102 - English Composition II**3-0-3***Prerequisite: ENGL 1101*

A composition course that develops writing skills beyond the levels of proficiency required in ENGL 1101, that emphasizes interpretation and evaluation, and that incorporates a variety of more advanced research skills. A grade of "C" or better is required to receive credit for this course.

ENGL 2000- Writing for Teachers**3-0-3***Prerequisite: ENGL 1101*

A writing-intensive course focusing on analysis and production of discourse in various genres to help students improve as writers as they develop an understanding of how children write and how teachers can facilitate the process. This course is limited to Teacher Education majors and may be used to satisfy elective requirements in Area F only.

ENGL 2111 - World Literature I	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A survey of important works of world literature from ancient times through the mid-seventeenth century.	
ENGL 2112 - World Literature II	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A survey of important works of world literature from the mid-seventeenth century to the present.	
ENGL 2120 – Survey of British Literature	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A survey of important works of British Literature designed to foster some knowledge and appreciation of British Literature from Beowulf to the twentieth century. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes, influences, and techniques of literary analysis.	
ENGL 2130 – Survey of American Literature	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A survey of important works of American Literature designed to foster some knowledge and appreciation of American Literature from the sixteenth century to the present. Lectures, discussions, and research focus on major figures, works, and movements in historical context, with special attention to themes, influences, and techniques of literary analysis.	
HISTORY (HIST)	
HIST 1111 - World Civilization I	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A survey of human civilization from its origins in various regions of the world to about 1500 A.D. The political, social, cultural, and religious developments of various world cultures will be studied.	
HIST 1112 - World Civilization II	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A survey of modern world history from about 1500 A.D. to the present. Social, economic, religious, cultural, and political developments of various world cultures will be studied.	
HIST 2111 - American Civilization I	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A survey of American history from prehistory through the Civil War, with special emphasis on Georgia history. (Satisfies the Georgia Legislative requirement in United States and Georgia history.)	
HIST 2112 - American Civilization II	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A survey of the major developments in United States history since 1865, with special emphasis on the State of Georgia. (Satisfies the Georgia Legislative requirement in United States and Georgia history.)	
HUMANITIES (HUMN)	
HUMN 2111 - Humanities I	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A study of principal Western Art styles from the Ancient World through the Renaissance. Includes a study of selected masterpieces of architecture, sculpture, painting, literature, and music.	
HUMN 2112 - Humanities II	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A study of principal Western Art styles from the Baroque through the Contemporary Period. Includes a study of selected masterpieces of architecture, sculpture, painting, literature, and music.	

INTEGRATED SCIENCE (ISCI)

ISCI 2001 – Life/Earth Science

2-2-3

Prerequisite: Completion of all CPC and Learning Support requirements

This is an activity-based and inquiry-based Area F content course for early education majors. This course will emphasize the characteristics of life, biodiversity/heredity, energy flow, the interdependence of life, the cell, earth systems, and the lithosphere, hydrosphere and biosphere. These topics are in direct correlation with the Georgia Performance Standards (GPS) K-5.

ISCI 2002 – Physical Science

2-2-3

Prerequisite: Completion of all CPC and Learning Support requirements

This is an activity-based and inquiry-based Area F content course for early education majors. This course will emphasize the concepts of matter, energy, force and fields. These topics are in direct correlation with the Georgia Performance Standards (GPS) K-5.

MATHEMATICS (MATH)

MATH 0090 - Basic Mathematical Skills – SGC Nursing students only

1-0-1

Prerequisite: college placement exam

A course designed to review basic mathematical skills, including the four basic operations with positive integers, fractions, and decimals. Also included are unit conversions and elementary drug dosage calculations using dimensional analysis.

MATH 0097 – Learning Support Mathematics I

4-0-4

Prerequisite: college placement exam

A course designed for developing and/or reviewing arithmetic, algebra, and problem solving skills in preparation for MATH 0099. Emphasis is on fundamental operations with numbers and algebraic expressions and on the interrelatedness of arithmetic and algebra. Topics include operations and properties of rational numbers and expressions, operations with polynomials, percentages, ratios and proportions, solutions of linear equations and inequalities, word problems, and an introduction to graphing.

MATH 0099 – Learning Support Mathematics II

4-0-4

Prerequisite: MATH 0097 or high school Algebra I and acceptable college placement exam score

A course designed to develop and/or review analytical and graphical methods for solving a variety of problem situations in preparation for Mathematical Modeling (MATH 1101) or Pre-Calculus (MATH 1113). Topics include operations on polynomials, rational, exponential, and radical expressions, and solving first degree equations and inequalities in one variable, systems of linear equations in two variables, second degree equations, and simple exponential and radical equations.

MATH 1101 - Introduction to Mathematical Modeling

3-0-3

Prerequisite: high school Algebra I and II and exemption or exit from learning support mathematics

A study of algebraic topics from a modeling perspective. This course is applications-driven by introducing functions using real-world phenomena as models. Appropriate technology is used to solve problems and judge the reasonableness of results. Topics include function models that are linear, quadratic, polynomial, exponential, logarithmic, and piece-wise defined. Topics also included are systems of linear equations and elementary matrix operations and applications.

MATH 1111 – College Algebra

3-0-3

Prerequisite: high school Algebra I and II and exemption or exit from learning support mathematics

Algebraic topics including polynomials, rational expressions, equations, inequalities, graphing, exponents and radicals, relations and functions through exponential and logarithmic functions.

MATH 1113 - Pre-calculus

4-0-4

Prerequisite: MATH 1101 or a Math SAT > 490 and completion of the high school mathematics CPC requirements or B or higher in Math 0099.

A study of the algebra and trigonometric topics that are essential for quantifying scientific principles and to the study of calculus. Topics will include a study of polynomial, rational, exponential, logarithmic, and trigonometric functions, combinations of functions, and inverse functions.

MATH 2008 – Foundations of Numbers and Operations	3-0-3
<i>Prerequisite: MATH 1101 or 1113</i>	
This course is an Area F introductory mathematics course for early childhood education majors. This course will emphasize the understanding and use of the major concepts of numbers and operations. As a general theme, strategies of problem-solving will be used and discussed in the context of various topics.	
MATH 2200 - Statistical Data Analysis	3-0-3
<i>Prerequisite: MATH 1101 or 1113</i>	
An introductory course in practical statistical applications. Topics include measures of central tendency and variation, graphic representation of data, simple random sampling, probability distributions, confidence intervals, hypothesis testing, and linear correlation/regression.	
MATH 2270 - Survey of Calculus	3-0-3
<i>Prerequisite: MATH 1101 or 1113</i>	
A study of the ingredients of change: functions and linear/non-linear models, rates of change, derivatives, extrema and points of inflection. This course uses a modeling approach, is data driven, and is technology based.	
MATH 2531 - Calculus I	4-0-4
<i>Prerequisite: MATH 1113</i>	
A course which includes a review of some algebraic and trigonometric concepts, the concept of a limit, introductory differential calculus with applications, and introductory integral calculus with applications.	
MATH 2532 - Calculus II	4-0-4
<i>Prerequisite: MATH 2531</i>	
A course which includes introductory differentiation and integration of logarithmic, exponential, inverse trigonometric, and hyperbolic functions, techniques of integration, parametric equations and plane curves, polar coordinates, and sequences and series.	
MATH 2533 - Calculus III	4-0-4
<i>Prerequisite: MATH 2532</i>	
A course which includes functions of several variables, partial derivatives, multiple integrals, introductory vector-valued functions and vector calculus, and line and surface integrals.	
MUSIC (MUSA/MUSC)	
MUSA 1020 - 1070 - Applied Music	.5-0-1
<i>Prerequisite: none</i>	
One ½ hour private lesson per week in voice, piano, and other selected instruments. May be repeated for credit. There is an applied music fee.	
MUSA 1120 - 1170 - Applied Music	1-0-2
<i>Prerequisite: none</i>	
One hour private lesson per week in voice, piano, and other selected instruments. May be repeated for credit. There is an applied music fee.	
MUSC 1100 - Music Appreciation	3-0-3
<i>Prerequisite: ENGL 1101</i>	
This course will provide an understanding of the basic elements of music with a broad survey of various instruments and genres of music in world cultures.	
MUSC 2000- Music for the Classroom Teachers	3-0-3
<i>Prerequisite: None</i>	
An exploration of effective means and methods of correlating music with other core curricula subjects in the primary and secondary schools. This course is limited to Teacher Education majors and may be used to satisfy elective requirements in Area F only.	

PHYSICAL EDUCATION (PHED)

PHED 1000 - Principles of Personal and Community Health

2-0-2

Prerequisite: none

An investigation of major health problems in modern society with emphasis on methods of understanding and developing lifestyle changes for longer and healthier life. Topics discussed will include: chronic diseases, sedentary lifestyles vs. active lifestyles, substance use and abuse, stress management, sexually transmitted diseases, tobacco and alcohol use, and death and dying.

PHED 1110 - Standard First Aid and Community CPR

1-2-2

Prerequisite: none

A study of knowledge and techniques of emergency first aid and cardiopulmonary resuscitation (adults, children, and infants) and accident prevention. Each student may earn an American Heart Association and/or American Red Cross certification in First Aid and CPR. An additional fee may be charged for the issuance of a card.

PHED 1120 - Fitness and Wellness

1-2-2

Prerequisite: none

An introduction to the principles and concepts of health related fitness and wellness in order to promote healthy lifestyles. Students will have their fitness level assessed and will be able to develop their own personal fitness program.

PHED 1200 - Archery

0-2-1

Prerequisite: none

A course designed to emphasize the skills, knowledge and techniques of shooting a bow and arrow for participation in target archery. All basic skills are to be mastered and safety procedures will be used while on the range.

PHED 1210 - Badminton

0-2-1

Prerequisite: none

An introduction to badminton stressing the basic skills, rules and strategies of play needed to participate in the sport successfully.

PHED 1220 - Bowling

0-2-1

Prerequisite: none

Instruction is directed to the history, language, scoring, and techniques involved in the sport of bowling. There may be bowling fees.

PHED 1230 - Golf

0-2-1

Prerequisite: none

Designed primarily for beginners; emphasis on teaching the basics of the game of golf. Instruction focuses on the grip, stance, and the basic swing pattern. There may be an additional golf fee.

PHED 1240 - Racquetball

0-2-1

Prerequisite: none

A course designed to provide instruction in the rules, strategies, and basic skills necessary to play the sport of racquetball.

PHED 1250 - Beginning Tennis

0-2-1

Prerequisite: none

An introduction to tennis stressing the rules, court etiquette, skill development and the language of the sport.

PHED 1260 – Physical Conditioning Survey

0-2-1

Prerequisite: none

A course to develop practical skills as well as an appropriate knowledge base to assist students in assessing, developing, enhancing, and maintaining an appropriate physical fitness status. Students will participate in three or more physical fitness programs, such as weight training, walk/run/jog training, step aerobics, low-impact aerobics, kickboxing, circuit training, Par Course training, water aerobics, Tai Chi and/or yoga. Programs will develop all five components of physical fitness: cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition.

PHED 1270 – Fitness Kickboxing	0-2-1
<i>Prerequisite: none</i>	
This activity course develops the following areas of health-related fitness: cardiovascular fitness, muscular endurance and flexibility while promoting positive changes in body composition. This course combines kickboxing punches, kicks, combinations and drills utilizing punching bags and gloves and other equipment as needed. The cardiovascular training component of this course is considered to be low impact.	
PHED 1280 – Introduction to Yoga	0-2-1
<i>Prerequisite: none</i>	
This course promotes the connection of breath and movement through a dynamic flow of asanas, building strength and flexibility. Classes will generally begin with sun salutations and progress through standing and balancing postures, forward folding, lateral opening, twists, backbends, and inversions. This physical practice helps us to go within ourselves and create a deep, peaceful awareness of body and mind. By learning and practicing physically challenging flow sequences, your body will begin to rid itself of physical and mental blocks that dwell within. The result is improved circulation, a light and strong body, and a calm mind. This course will also promote the use of yoga for relaxation and meditation.	
PHED 1300 - Introduction to Team Sports	0-2-1
<i>Prerequisite: none</i>	
A survey course of team sports that may include soccer/speedball, basketball, and softball.	
PHED 1310 - Beginning Volleyball	0-2-1
<i>Prerequisite: none</i>	
An introductory course designed to teach the fundamental skills, strategies, rules, and the language of sport and team concepts of volleyball.	
PHED 1400 - Outdoor Education	0-2-1
<i>Prerequisite: none</i>	
Fundamental techniques and leadership skills for safe participation in outdoor recreational and educational activities without disturbance to the environment. A course which includes camping, backpacking, conservation practices and knowledge of nature as related to survival.	
PHED 1410 - Canoeing	0-2-1
<i>Prerequisite: basic swimming ability, comfortable in deep water, self rescue skills.</i>	
An introduction to basic solo and tandem navigational and canoeing fundamentals.	
PHED 1500 - Recreational Sports	0-2-1
<i>Prerequisite: none</i>	
A course designed to emphasize history, performance, and analysis of basic skills in selected recreational sports such as table tennis, shuffleboard, paddle tennis, and aerial darts.	
PHED 1600 - Social/Square Dance	1-2-2
<i>Prerequisite: none</i>	
Motor skill acquisition, fundamental techniques, and knowledge appropriate for participation in square and social dance. Circle and western style square dance will be emphasized. Social dances shall include Fox Trot, Cha Cha Cha, Waltz and Tango.	
PHILOSOPHY (PHIL)	
PHIL 2010 - Introduction to Philosophy	3-0-3
<i>Prerequisite: ENGL 1102</i>	
A study of the basic concepts of philosophy, with emphasis on the major schools of thought and their relevance to contemporary man.	
PHYSICS (PHYS)	
PHYS 1010K – Survey of Physics	3-2-4
<i>Prerequisite: exemption or exit from LS Math and Reading</i>	
This course will examine the fundamental principles governing the behavior of the Universe. Emphasis will be on a conceptual understanding of physics principles.	

PHYS 1111K - Introductory Physics I	3-2-4
<i>Prerequisite (or co-requisite): MATH 1113 and exemption or exit from LS Reading</i>	
An introductory course which will include material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry will be used. Laboratory exercises supplement the lecture material.	
PHYS 1112K - Introductory Physics II	3-2-4
<i>Prerequisite: PHYS 1111K and exemption or exit from LS Reading</i>	
An introductory course which will include material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry will be used. Laboratory exercises supplement the lecture material.	
PHYS 2211K - Principles of Physics I	3-2-4
<i>Prerequisite (or co-requisite): MATH 2531 and exemption or exit from LS Reading</i>	
An introductory course which will include material from mechanics, thermodynamics, and waves. Elementary calculus will be used. Laboratory exercises supplement the lecture material.	
PHYS 2212K - Principles of Physics II	3-2-4
<i>Prerequisite: PHYS 2211K and exemption or exit from LS Reading</i>	
An introductory course which will include material from electromagnetism, optics, and modern physics. Elementary calculus will be used. Laboratory exercises supplement the lecture material.	
POLITICAL SCIENCE (POLS)	
POLS 1100- American/Georgia History/Constitution - SGC Nursing students only	1-0-1
<i>Prerequisite: none</i>	
This course is designed to provide students with the essential knowledge of American Constitution/History and Georgia Constitution/History in order to meet the legislative requirement.	
POLS 1101 - American Government	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A study of the theory, structure, principles, problems and functioning of federal, state, and local governments, with emphasis on federal and Georgia Constitutions. (Satisfies both the Georgia Legislative requirement for proficiency in the United States Constitution and the Constitution of Georgia.)	
POLS 2201 - State and Local Government	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
An introduction to the organization and processes of government at the state and local levels, stressing the government and constitution of the State of Georgia with additional emphasis on urbanism and relations between the state and national government. (Satisfies only the Georgia Legislative requirement for proficiency in the Constitution of Georgia.)	
POLS 2501 - International/Intercultural Studies	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A study of the theory, structure, principles, problems, and functioning of international-intercultural communications, with emphasis on the importance of intercultural understanding relative to business, diplomacy, and all international relationships.	
PSYCHOLOGY (PSYC)	
PSYC 1101 - Introduction to General Psychology	3-0-3
<i>Prerequisite: exemption or exit from LS Reading</i>	
A study of general psychology as the scientific study of behavior. A broad survey of the major topics in psychology including, but not limited to, research methodology, biological and social factors influencing behavior, development, learning, memory, motivation, intelligence, personality, and abnormal behavior/therapy.	
PSYC 2101 - Psychology of Adjustment	3-0-3
<i>Prerequisite: PSYC 1101 and exemption or exit from LS Reading</i>	
A scientifically-based study of human adjustment. An introductory examination of the applied psychological theory and research concerning mental health and well being, including special emphasis on personality development and dynamics, stress, and abnormal behavior.	

PSYC 2103 - Introduction to Human Growth**3-0-3***Prerequisite: PSYC 1101 and exemption or exit from LS Reading*

An introductory, non-laboratory based examination of human development across the lifespan with an emphasis on normal patterns of physical, cognitive, and social development.

READING (READ)**READ 0099 – Learning Support Reading****4-0-4***Prerequisite: college placement exam score*

A course designed to meet student needs in reading. The course offers the college student instruction and practice in advancing vocabulary skills, improving comprehension of expository text, and increasing reading rate. Emphasis is given to reading as a process of identifying, interpreting, and evaluating ideas in college-level materials and texts. Additionally, test-taking skills and efficient study techniques are introduced.

REGENTS' COURSES (RGTE/RGTR)**RGTR 0198 - Regents' Reading Skills****3-0-3***Prerequisite: none*

The Regents' Reading Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in reading comprehension. Students work on improving their comprehension of material drawn from a variety of subject areas (social science, mathematics, natural science, and humanities) with various modes of discourse (exposition, narration, and argumentation). Critical thinking and the following four major aspects of reading are emphasized: vocabulary, literal comprehension, inferential comprehension, and analysis.

RGTE 0199 - Regents' Writing Skills**3-0-3***Prerequisite: none*

The Regents' Writing Skills course is intended to ensure that all graduates of USG institutions possess certain minimum skills in writing. Students learn to evaluate their own writing strengths and weaknesses and work on improving their writing skills so that they are able to write an essay meeting specific criteria.

STUDY ABROAD (SABR)**SABR 2001 – 2005 Study Abroad****3-0-3***Prerequisite: none*

An interdisciplinary course of selected areas of history, political science, economics, arts, and literature. Awareness and understanding of cultural, ethnic, racial, and gender diversity will be addressed. [SABR 2001 – United Kingdom; 2002 – South Pacific & Asia; 2003 – European Union; 2004 – Africa; 2005 - Latin America]

SERVICE LEARNING (SERV)**SERV 1001 - Service Learning****0-2-1***Co-requisite: must be taken concurrently with a core course*

A course designed to enhance students' education by providing opportunities to serve the community and to develop academic skills in their chosen field of study, with emphasis on critical evaluation of the experience. May be taken only twice.

INTEGRATED STUDIES (SMTE)**SMTE 1501 - Integrating Science, Math and Technology****3-0-3***Prerequisite: Exemption or exit from LS English and reading*

A course designed primarily for non-science majors which emphasizes the character and enterprise of science, mathematics, and technology instead of content. Units of study will explore current aspects of science, mathematics or technology that are generally not covered in traditional courses in these fields, or topics that demonstrate the inter-relationship between these disciplines.

SMTE 1501L - Integrating Science, Math and Technology Laboratory**0-2-1***Prerequisite (or co-requisite): SMTE 1501 and exemption or exit from LS requirements*

Laboratory exercises in conjunction with SMTE 1501.

SOCIOLOGY (SOCI)

SOCI 1101 - Introduction to Sociology 3-0-3

Prerequisite: exemption or exit from LS Reading

A survey of the discipline of sociology. Topics will include sociological theory, methods and selected substantive areas including social institutions, social organization, culture, stratification, formal organization, collective behavior, and urbanization in modern American society.

SOCI 1160 - Introduction to Social Problems 3-0-3

Prerequisite: SOCI 1101 and exemption or exit from LS Reading

A theoretical and empirical analysis of selected major social problems confronting American society.

SOCI 2293 - Introduction to Marriage and Family 3-0-3

Prerequisite: SOCI 1101 and exemption or exit from LS Reading

An introduction to the structure, processes, problems and adjustments of contemporary marriage and family life.

SOCI 2501 - The Multiple Aspects of Diversity 3-0-3

Prerequisite: exemption or exit from LS Reading

An introduction to the sociology of race and ethnic relations, examining selected racial and ethnic subcultures with respect to past and present history, past and present patterns of participation, minority-majority relations, maintenance patterns and consequences of prejudice and discrimination for American social life. A multicultural perspective and an analysis of minority groups in American society will be included.

SOCIAL SCIENCE (SSRM)

SSRM 2950 – Introduction to Social Science Research Methods 3-0-3

Prerequisites: CRJU 1100, PSYC 1101, or SOCI 1101 and MATH 2200

To introduce students to the basic concepts and methods of social science research.

SPANISH (SPAN)

SPAN 1001 - Elementary Spanish I 3-0-3

Prerequisite: none

Introduction to listening, speaking, reading, and writing in Spanish and to the culture of Spanish-speaking regions.

SPAN 1002 - Elementary Spanish II 3-0-3

Prerequisite: SPAN 1001 or placement by divisional exam

Continued listening, speaking, reading, and writing in Spanish with further study of culture of Spanish-speaking regions.

SPAN 2001 - Intermediate Spanish I 3-0-3

Prerequisite: SPAN 1002 or placement by divisional exam

A course which emphasizes the development of proficiency and communicative competence at the intermediate level in listening, speaking, reading, and writing of Spanish. Awareness and understanding of various and distinctive social and cultural traditions will be addressed.

SPAN 2002 - Intermediate Spanish II 3-0-3

Prerequisite: SPAN 2001

A continuation of SPAN 2001 which emphasizes the development of proficiency and communicative competence at the intermediate level in listening, speaking, reading, and writing of Spanish. Awareness and understanding of various and distinctive social and cultural traditions will be addressed.

COLLEGE SUCCESS (WAYC)

WAYC 1101 – Steps to Student Success 2-0-2

Prerequisite: none

A course designed to provide the student with the skills, information and guidance useful for success in college. A course concerned with the cultural values of a college education; a realistic assessment of employment opportunities; improvement of study skills; awareness and use of college facilities, technology and services; familiarization with the teaching/learning process; student responsibilities, group work and personal, social, and academic growth.