ARTS 1100 Art Appreciation
Study of visual arts through comparison of paintings, sculpture, and architecture to provide students with skills in perception, comprehension, vocabulary, and concepts for comprehending art.

ARTS 2014 Pottery
Introduction to the materials and processes in designing, constructing, glazing, and firing.

ASTR 1012 Astronomy of the Solar System
Astronomical concepts, methods of observation, and a study of the solar system. Astronomy from the early ideas of the cosmos to modern observational techniques. The solar system planets, satellites, and minor bodies, Asteroids/Comets, are studied. The origin and evolution of the solar system are studied.

BUSA 1205 Computer Literacy
An introductory computer literacy course with coverage of such topics as computer terminology, Internet, e-mail, and word-processing. Students completing the course should be able to produce formatted documents such as letters and term papers and perform basic internet functions.

CHEM 1211 Principles of Chemistry I
Study of dimensional analysis, periodic table trends, nuclear chemistry, stoichiometry, bonding, balancing redox equations, gas laws, kinetic molecular theory, pattern reactions, equivalent weight, colligative properties, and colloids.

CHEM 1212 Principles of Chemistry II
Equilibrium and the study of polyprotic acids, hydrolysis, buffers, kinetics, thermodynamics, electrochemistry, a continuation of nuclear chemistry and organic chemistry.

CHEM 2912 Organic Chemistry I
Study of the aliphatic hydrocarbons, including derived compounds such as alkyl halides, alcohols, and aromatics. Emphasis on nomenclature, reaction mechanism, and stereochemical topics.

CHEM 2922 Organic Chemistry II
Study of the carbonyl compounds and amines. Emphasis on biochemical applications. An introduction to the use of chemical instrumentation including gc, ir, and nmr.

CSCI 1301 Computer Science I
This course includes an overview of computers and programming; problem-solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; text files; arrays (one and two dimensional); procedural abstraction and software design; modular programming (including subprograms).

CSCI 1302 Computer Science II
This course includes an overview of abstract data types (ADT's); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big -0); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees).

ECON 2105 Principles of Macroeconomics
Introduction to concepts that will enable students to understand and analyze economic aggregates and evaluate economic policies.

ENGL 1101 Composition I
An introduction to skills required for effective writing in a variety of contexts with emphasis on exposition, analysis, and argumentation. Includes introductory use of a variety of research skills.

ENGL 1102 Composition II
A literature-based composition course that focuses on developing writing skills beyond the levels of proficiency required by ENGL 1101. Emphasis on interpretation and evaluation; incorporation of a variety of more advanced research methods.

ENGL 2131 American Literature I
Introduction to American literature from its beginning to the Civil War.

ENGL 2132 American Literature II
Introduction to American literature from the Civil War to the present.

ENGL 2208 Technical Communication
Introduction to technical writing including memoranda, formal reports, and proposals. Oral presentation and hypermedia production.

ENGR 1001 Introduction to Engineering
Introduction to the basic skills needed for engineering studies and a technical career, including engineering problem solving, the fields and functions of engineering, and computer applications.

HIST 1011 World Civilization
Survey of World History to the postclassical period (1500 A.D.)

HIST 1012 World Civilization II
Survey of World History from the postclassical to early modern times (1500 A.D. to 1815 A.D.)

HIST 2111 United States History I
Survey of U.S. History to the post-Civil War period (from the Age of Discovery through the Civil War.) Emphasis on Georgia and the South in the making of the nation.

HIST 2112 United States History II
(From the end of the Civil War to the present with emphasis upon the later period.) Emphasis on Georgia and the South in the maturing of the nation.

HLTH 1101 Health
 Study of mental and emotional health, cardiovascular disorders, human reproduction, sexually transmitted diseases, drugs, and principles of physical fitness, nutrition and weight management.

MATH 1112 Plane Trigonometry
Study of angular measure, the trigonometric functions, fundamental identities; reductions, variation and graphs of the trigonometric functions, functions of a composite angle, logarithmic functions, right triangles, oblique triangles, trigonometric identities and equations, inverse trigonometric functions, and polar coordinates.

MATH 1113 Precalculus Mathematics
Study of polynomial, exponential, logarithmic, circular, trigonometric, inverse trigonometric functions and polar coordinate graphing.

MATH 1127 Calculus I
Study of function of one variable, introducing the derivative and the integral. Limits and derivatives. Techniques of integration. Transcendental functions and their inverses. Applications of the definite integral. Applications of the derivative.

MATH 1128 Calculus II
Study of integration techniques for proper and improper integrals, L'Hospital's Rule, Taylor's Theorem, sequences and series without convergence tests. Vectors. Vector functions, derivatives, and parametric representation.

MATH 2000 Elementary Statistics
Study of sampling techniques, frequency distributions and graphs, descriptive measures, probability, probability distributions, and sampling distributions.

MATH 2207 Calculus III
Study of multidimensional integral calculus. Optimization, Lagrange multipliers, multiple integration with change of variable using Jacobian, surface and line integrals, vector analysis, and theorems of Green and Stokes.

MATH 2208 Linear Algebra
Study of systems of linear equations, matrices, determinants, linear transformations, Newton's method for systems, vector spaces, least squares, and eigenvectors and eigenvalues.

MATH 2209 Differential Equations
Study of physical origins of differential equations, numerical methods and direction fields, second order equations and applications, first order linear systems, second order linear systems, nonlinear systems, Laplace transforms, series methods, and systems of linear differential equations.

MGCS 1101 Managing Goals & Careers
An introduction to college course created to assist students through the transition to college life and to offer them the necessary tools to succeed academically and socially. Practice in active learning strategies, small group discussions, writing assignments and outside work. Exploration of values, goals, career choice, and academic skills while learning about the policies of Middle Georgia College.

PHED 1181 Badminton
 Study of beginning skills such as serve, drop-shot, smash and overhead strokes. Emphasis on scoring, strategy, and tournament play.

PHED 1186 Ski Class
A practical learning experience dealing with snow skiing. Students take lessons from a certified ski instructor. Students will have the opportunity to ski on different "degree of difficulty" slopes during the class.

PHED 1286 Intermediate Snow Skiing/Boarding
An in-depth experience in snow skiing and snow boarding. Students will have the opportunity to ski on slopes of high difficulty.

POLS 1101 American Government
Study of the American political system which includes an examination of the U.S. and Georgia Constitutions.

SCIN 2197 Introduction to Science Research II
A course designed to allow students to conduct faculty-directed, independent research projects in the natural sciences, mathematics, or engineering.

SPCH 2201 Public Speaking
Designed for students desirous of an in-depth approach to public speaking; special attention given to the selection and organization of materials, the presentation of speeches, and the development of an acceptable style of delivery.