

Approved Institutional Learning Goals, Areas A – E, as of 1/31/17

Area A1: Communication Outcomes

Institution	Outcome
Abraham Baldwin Agricultural College	Students are able to analyze the rhetorical situation and choose the appropriate genre and writing strategies. Students follow the academic conventions of organization and standard written English. Students select and employ multiple research methods, such as interpreting, evaluating, and explaining sources, and document sources ethically
Albany State University	Students will demonstrate the ability to communicate clearly and effectively, including use of standard conventions of grammar and usage, logical thinking in organization and development, understanding and comprehension of rhetorical patterns and styles and conduct of research with appropriate documentation.
Armstrong State University	Students will produce organized communication that develops analytical arguments and meets conventional standards of composition.
Atlanta Metropolitan State College	Students will effectively, demonstrating clear thinking, organization and structure, awareness of audience, appropriate writing conventions, language (grammar), and clear thesis development.
Augusta University	<p>The student will present information in written form using Standard English and appropriately cited sources such that the presentation is appropriate for the goals of the communication.</p> <p>The student will comprehend and interpret written communication.</p>
Bainbridge State College	Students will demonstrate collegiate-level reading comprehension and effective writing.
Clayton State University	Students will write effective expository and argumentative essays that consider purpose and audience.
College of Coastal Georgia	Students will produce well-organized communication that exhibits logical thinking, demonstrates appropriate style for circumstance and audience, meets conventional standards of usage, and acknowledges the use of information sources when necessary.
Columbus State University	<ol style="list-style-type: none"> 1. Write effectively in a variety of situations and for a variety of audiences. 2. Use primary and secondary research to analyze and present information in rhetorically appropriate ways.

	3. Use a nationally recognized system of scholarly documentation, such as MLA or APA.
Dalton State College	Students who complete Area A1 <ol style="list-style-type: none"> 1. determine forms of communication appropriate to particular audiences and purposes; organize and communicate knowledge and ideas in a logical and purposeful way; and use accepted patterns of grammar, punctuation, and sentence structure in written communication. 2. use technology and gather data to conduct research from various sources, including electronic media, and demonstrate an understanding of plagiarism by acknowledging and citing informational sources correctly
Darton State College	Students will demonstrate collegiate-level reading comprehension and effective writing.
East Georgia State College	Students will demonstrate the ability to read and write with the competence necessary to succeed in higher education.
Fort Valley State University	Students apply the requisite skills to produce well-organized and -supported written communication which meets collegiate proficiency standards.
Georgia College and State University	Students will be able to communicate clearly in oral and written English that meets conventional standards of correctness.
Georgia Gwinnett College	Demonstrate an Ability to Communicate in Written and Oral forms
Georgia Highlands College	Students will express ideas logically and clearly in standard written English as appropriate for audience and purpose. Students will analyze and critically interpret the content, style, point-of-view, and perspectives of factual or creative works using suitable terminology.
Georgia Institute of Technology	Student will demonstrate proficiency in the process of articulating and organizing rhetorical arguments in written, oral, visual, and non-verbal modes, using concrete support and conventional language.
Georgia Southern University	Students will demonstrate written competence in adapting communication to specific purposes and audiences.
Georgia Southwestern State University	Students will be able to write effectively for a variety of audiences to demonstrate collegiate-level writing development in various contexts.
Georgia State University	Students produce well-organized written communications that exhibit logical thinking and organization, use appropriate style for audience and meet conventional standards of usage.

Gordon State College	Students communicate effectively using appropriate writing conventions.
Kennesaw State University	Students will write and communicate at a college level in various modes, media, and/or rhetorical contexts. Students will demonstrate an ability to comprehend, analyze, and interpret texts in various modes, genres, media, and/or contexts.
Middle Georgia State University	Students will demonstrate a collegiate competency to read critically and communicate ideas in well developed written forms.
Savannah State University	Students produce well-organized written communication that meets conventional standards of composition and appropriately acknowledges the use of material from original sources. Students demonstrate the ability to comprehend, analyze, and draw inferences from written texts.
South Georgia State College	Students will adapt communication to purpose and audience using the conventions of standard written English.
University of Georgia	. Foundation Courses (9 hours) – Equivalent to Areas A1 and A2 Foundation courses for the general education curriculum will be characterized by verbal and quantitative competencies required in the following courses as specified by the University System Board of Regents policy: English Composition I English Composition II Mathematical Modeling The following more advanced mathematical courses may be required for certain majors: Pre-calculus Analytic Geometry and Calculus Calculus I for Science and Engineering
University of North Georgia	Students will demonstrate effective reading comprehension and writing, exploring the implications of ideas.
University of West Georgia	Demonstrate the ability to: 1. Recognize and identify appropriate topics for presentation in writing 2. Synthesize and logically arrange written presentations 3. Adapt written communication to specific purposes and audiences.

Valdosta State University	<p>Students will communicate effectively in writing by using appropriate conventions of correctness, style, tone, and organization and by adapting writing to audience and context.</p> <p>Students will find, evaluate, and make inferences from a variety of sources and incorporate this information accurately, correctly, and effectively into their written work.</p>
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Area A2: Quantitative Outcomes

Institution	Outcome
Abraham Baldwin Agricultural College	Students will demonstrate a strong foundation in mathematical concepts, processes, and structure, including the ability to solve multiple-step problems through varied modes of reasoning (inductive, deductive, or symbolic).
Albany State University	Students will demonstrate the ability to express and apply mathematical information, concepts, and thoughts in verbal, numeric, graphic and symbolic forms while solving a variety of problems.
Armstrong State University	Students will demonstrate the ability to use mathematical information and concepts in verbal, numeric, graphical, or symbolic forms to solve problems.
Atlanta Metropolitan State College	Students will use mathematical operations and concepts to solve problems related to practical situations.
Augusta University	The student will solve problems about collegiate-level quantitative relationships using mathematical tools and techniques.
Bainbridge State College	Students will demonstrate mathematical reasoning necessary to solve problems, including the ability to employ quantitative methods and the ability to interpret and draw inferences from mathematical models, such as formulas, graphs, tables, and schematics.
Clayton State University	Students will apply mathematical knowledge to interpret quantitative information using verbal, numerical, graphical, and symbolic forms.
College of Coastal Georgia	Students demonstrate the ability to solve problems and draw conclusions by effectively analyzing situations in numeric, graphical, or symbolic form.
Columbus State University	Solve problems by analyzing: <ul style="list-style-type: none"> • a given dataset, formulating a representative model, and then using the model to predict additional related values; or • a given graph and identifying the behaviors of one variable as influenced by changes in the other variable; or • a given equation and identifying fundamental characteristics of the corresponding graph
Dalton State College	Students who complete Area A2 <ol style="list-style-type: none"> 1. demonstrate an understanding of data presented graphically or mathematically. 2. perform foundational mathematical operations and express and manipulate mathematical information or

	concepts in verbal, numeric, graphic, or symbolic forms while solving a variety of problems.
Darton State College	Students will demonstrate collegiate-level proficiency in problem solving, functional relationships, and interpretation of quantitative information.
East Georgia State College	Students will demonstrate the ability to solve problems algebraically, numerically, and graphically at the level necessary to succeed in higher education.
Fort Valley State University	Given application problems requiring collegiate-level quantitative reasoning skills, students will identify the appropriate mathematical model, determine the solution or non-solution and interpret the results demonstrating content mastery at the level of College Algebra, Precalculus, Mathematical Modeling or Calculus I.
Georgia College and State University	Students will be able to interpret mathematical information and concepts in verbal, numeric, graphical, and symbolic form.
Georgia Gwinnett College	Demonstrate an Ability to Reason Quantitatively by solving problems, using arithmetical, algebraic, or geometric methods
Georgia Highlands College	Students will interpret and apply mathematical information, concepts, and principles embedded in verbal, numerical, graphic, or symbolic representations.
Georgia Institute of Technology	Student will demonstrate the ability to apply basic elements of differential and integral calculus to solve relevant problems.
Georgia Southern University	Students will represent, manipulate, and apply mathematical knowledge using analytical, graphical, and numerical approaches.
Georgia Southwestern State University	Students will be able to analyze and apply mathematical concepts in various forms in order to solve a variety of quantitative problems.
Georgia State University	Students demonstrate the ability to interpret and analyze quantitative information; to apply mathematical principles and techniques; and to use mathematical models to solve applied problems.
Gordon State College	Students have the ability to represent and manipulate mathematical information in verbal, numeric, graphical, and symbolic forms and use these representations and manipulations to solve a variety of problems.
Kennesaw State University	Students will demonstrate the ability to explain information presented in mathematical forms (e.g., equations, graphs, diagrams, tables) and convert information into mathematical forms at a level appropriate for the complexity of problems in a college-level course.

Middle Georgia State University	Students will demonstrate knowledge of quantitative analysis to solve quantitative problems using mathematical functions and concepts, and coherently express solutions in verbal, numerical, graphical or symbolic forms.
Savannah State University	Students demonstrate the ability to use mathematical information and concepts in verbal, numeric, graphical, and symbolic forms to solve problems.
South Georgia State College	Students will express and manipulate mathematical information and concepts.
University of Georgia	<p>I. Foundation Courses (9 hours) – Equivalent to Areas A1 and A2</p> <p>Foundation courses for the general education curriculum will be characterized by verbal and quantitative competencies required in the following courses as specified by the University System Board of Regents policy:</p> <ul style="list-style-type: none"> English Composition I English Composition II Mathematical Modeling <p>The following more advanced mathematical courses may be required for certain majors:</p> <ul style="list-style-type: none"> Pre-calculus Analytic Geometry and Calculus Calculus I for Science and Engineering
University of North Georgia	Students will demonstrate the problem-solving ability to apply mathematical methods to comprehend, interpret, and communicate quantitative information.
University of West Georgia	<ol style="list-style-type: none"> 1. Students demonstrate a strong foundation in college-level mathematical concepts and principles. 2. Students demonstrate the ability to apply symbolic representations to model and solve real-world problems
Valdosta State University	Students will demonstrate mathematical proficiency by analyzing a variety of functions and solving various equations.

Area B: Institutional Options

Institution	Outcome
Abraham Baldwin Agricultural College	Students will apply effective communication skills that demonstrate clarity, critical analysis, rhetorical awareness, persuasion, and precision when presenting oral arguments.
Albany State University	Students will demonstrate critical thinking, problem solving, and the understanding of ethics, including the ability to analyze, evaluate and provide appropriate rationale and support for conclusions and decisions.
Armstrong State University	Students will critically evaluate the relationship between ethical theories and culture (B1), and, students will analyze global multicultural issues among diverse realms of societies (B2).
Atlanta Metropolitan State College	Students will think critically, utilizing skills that include deductive and inductive reasoning, recognizing fallacies, as well as analyzing, evaluating, and synthesizing information.
Augusta University	The student will present in oral form a communication appropriate to the audience and goal, making reference to information or analysis that supports the presentation.
Bainbridge State College	Students will assimilate, analyze, and present thoughts and opinions in oral and written forms.
Clayton State University	<p>Students will effectively evaluate arguments, considering opposing points of view when appropriate.</p> <p>Students will effectively articulate ideas and knowledge in spoken communication.</p>
College of Coastal Georgia	<ol style="list-style-type: none"> 1. Students will be able to recognize the diversity in thought, communication, technology, and or culture in the modern world. 2. Students demonstrate understanding of political, social, economic, or institutional developments across the globe. <ol style="list-style-type: none"> 2. Students demonstrate understanding of political, social, economic, or institutional developments across the globe.
Columbus State University	Demonstrate an ability to communicate effectively verbally and non-verbally in various contexts.
Dalton State College	<p>Students who complete Area B</p> <ol style="list-style-type: none"> 1. exhibit expertise necessary to research, organize, and present an oral report or speech. 2. express orally or in writing a broad understanding of an array of issues relating to culture, society, creative expression, or the human experience.

Darton State College	Students will learn different methods of communication and/or collaboration and will apply these methods in the classroom and/or community.
East Georgia State College	Students will demonstrate the ability to speak and listen with the competence necessary to succeed in higher education. Students will demonstrate the ability to gather, analyze, and evaluate information to make effective decisions.
Fort Valley State University	Students develop and deliver speeches using language that is appropriate to the audience, occasion and purpose and adheres to collegiate standards of verbal and non-verbal communication conventions.
Georgia College and State University	Students will be able to explain multiple intellectual approaches that clarify or respond to problems, topics, themes, and/or issues.
Georgia Gwinnett College	Demonstrate an understanding of information technologies and how to use them effectively in various contexts.
Georgia Highlands College	Through oral or written communication, students will demonstrate the ability to synthesize information and articulate knowledge on issues relating to culture, society, creative expression, or the human experience.
Georgia Institute of Technology	Student will be able to develop algorithms and implement them using an appropriate computer language and will understand algorithmic complexity and reasonable versus unreasonable algorithms.
Georgia Southern University	Students will identify major themes across diverse societies in their historical and cultural contexts and will apply this knowledge through engagement in local and global communities.
Georgia Southwestern State University	Students will be able to evaluate information critically. Students will be able to understand cultural differences.
Georgia State University	Students demonstrate effective critical thinking skills through interpreting, presenting or evaluating ideas.
Gordon State College	Students effectively use the three intellectual dispositions of identification, analysis, and evaluation to solve problems and support conclusions.
Kennesaw State University	Students will evaluate and synthesize information to support ideas and perspectives. Students will articulate a position on an issue and support it by evaluating evidence relevant to the position, considering opposing positions or evidence, and evaluating the implications and/or consequences of this issue.

Middle Georgia State University	Students will assimilate, analyze and present thoughts and opinions in oral forms.
Savannah State University	<p>Students analyze and evaluate elements of arguments and create effective, well-reasoned responses, considering opposing views when appropriate.</p> <p>Students analyze historical and cultural events that have shaped the Africana experience within the context of US and global history and culture.</p>
South Georgia State College	Students will apply knowledge and understanding of global and regional diversity.
University of Georgia	<p>III. Quantitative Reasoning (3-4 hours) – Equivalent to Area B</p> <p>Quantitative reasoning and mathematics will be characterized by knowledge and application competencies in logic, critical evaluation, analysis, synthesis generalization, modeling, and verbal, numeric, graphical, and symbolic problem solving. Study of Quantitative Reasoning will ensure that students gain an understanding of the world from multiple viewpoints, and that they be able to pursue critical analyses and argumentation to logical conclusions.</p> <ul style="list-style-type: none"> • Ability to model situations from a variety of settings in generalized mathematical forms • Ability to express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical, and symbolic form while solving a variety of problems • Ability to solve multiple-step problems through different modes of reasoning (inductive, deductive, and symbolic) • Ability to properly use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations • Ability to shift among the verbal, numeric, graphical, and symbolic modes of considering relationships • Ability to extract quantitative data from a given situation, translate the data into information in various modes, evaluate the information, abstract essential information, make logical deductions, and arrive at reasonable conclusions • Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe • Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life
University of North Georgia	Students will analyze political, cultural, or socioeconomic interactions among people or organizations of the world.

University of West Georgia	Demonstrate the ability to: <ol style="list-style-type: none"><li data-bbox="646 239 1370 306">1. Identify, evaluate, and use information, language, or technology appropriate to a specific purpose.<li data-bbox="646 348 1419 415">2. Prepare and deliver an effective oral presentation on an appropriate and meaningful topic.
Valdosta State University	Students will demonstrate knowledge of global and regional perspectives in areas such as the arts, humanities, sciences, and social sciences.

Area C: Humanities, Fine Arts, and Ethics

Institution	Outcome
Abraham Baldwin Agricultural College	Students will apply knowledge of historical, social, and cultural influences to understanding works of fine or literary arts as expressions of human experience.
Albany State University	Students will demonstrate fundamental knowledge of literature, art or music from around the world and throughout history, and will demonstrate the ability to analyze and critique such works from a cultural as well as informed personal perspective.
Armstrong State University	Students will critically analyze the meanings of texts or works of art or music.
Atlanta Metropolitan State College	Students will identify at least one genre of the fine and applied arts and discuss the social and historical contexts from which the art form emerged.
Augusta University	The student will apply cultural knowledge to interpret works of literature, music, or the visual arts.
Bainbridge State College	Students will analyze forms of creative expression that reflect individual, social, or cultural values.
Clayton State University	Students will demonstrate the ability to communicate critically on cultural concepts, artifacts or expressions in either English or a foreign language.
College of Coastal Georgia	Students will be able to effectively explain, analyze, and or critically evaluate the meanings of creative texts or artistic works.
Columbus State University	Generate knowledgeable interpretations of texts, works of art, or music.
Dalton State College	Students who complete Area C <ol style="list-style-type: none"> 1. articulate an understanding of individual and cultural differences and perspectives across the globe. 2. demonstrate the ability to make informed judgments in interpreting works of art, literature, or other aesthetic experiences of cultures throughout the world.
Darton State College	Students will analyze forms of expression that reflect individual, social, or cultural values.
East Georgia State College	Students will demonstrate the ability to analyze effectively works of literature, art, or music.
Fort Valley State University	Students will demonstrate in writing an understanding of the concepts and values of a culture as revealed in a work of literature or art.

Georgia College and State University	<p>Students will be able to explain how texts and works of art in the humanities address human experiences.</p> <p>Students will be able to evaluate multiple perspectives on ethical issues.</p>
Georgia Gwinnett College	<p>Demonstrate Creative and Critical Thinking in Multidisciplinary Contexts through an analysis of the different view-points of major philosophical or cultural issues.</p> <p>Demonstrate an Understanding of Diversity and Global Perspectives by analyzing and by understanding the similarities and differences among human beings or their experiences by demonstrating and using cultural, geographical, and philosophical perspectives.</p> <p>Demonstrate an Understanding of Moral and Ethical Principles through a critical analysis of literary or artistic products.</p>
Georgia Highlands College	Students will articulate how various forms of thought and expression reflect individual, social, or cultural values and perspectives.
Georgia Institute of Technology	Student will be able to describe relationships among languages, philosophies, cultures, literature, ethics, or the arts.
Georgia Southern University	Students will analyze historical and contemporary fine arts or other cultural products from individual and diverse social perspectives.
Georgia Southwestern State University	Students will be able to articulate factual and conceptual knowledge concerning literature, and one of the fine or performing arts.
Georgia State University	Students can effectively evaluate the role of the humanities, fine arts, and languages in the human experience.
Gordon State College	Students will demonstrate understanding of the ways through which human culture is expressed in literature, philosophy, fine and performing arts, or communication.
Kennesaw State University	<p>Students will analyze and interpret texts and other creative works that emerge from multiple cultures and perspectives.</p> <p>Students will analyze creative works from multiple international cultures in relation to the historical, political, economic, sociocultural, aesthetic, or personal contexts in which those works emerged.</p>
Middle Georgia State University	Students will effectively interpret and critically analyze texts, works of art, or music.

Savannah State University	Students effectively analyze the meaning and cultural significance of literary/philosophical texts or of works in the visual/performing arts.
South Georgia State College	Students will apply knowledge of historical, social, or cultural influence to understanding works of human creativity.
University of Georgia	<p>IV. World Languages and Culture, Humanities and the Arts (12 hours) – Equivalent to Area C World Languages, Culture, Literature, and the Arts will be characterized by an understanding and appreciation of the world from different linguistic, cultural, literary, and aesthetic perspectives. Participation in Language Communities, Practicum in Service Learning, and Study Abroad Programs are highly desirable components of the learning process that will enable students to communicate successfully in an increasingly cosmopolitan society, and to engage successfully and competently with a globally connected society.</p> <p><i>World Languages and Culture (9 hours)</i></p> <ul style="list-style-type: none"> • Ability to appreciate and respect commonality and diversity among people and cultures • Ability to better understand one’s own culture through the study of world cultures and different critical perspectives • Ability to contribute to the well-being of a globally connected society • Ability to apply linguistic skills and cultural knowledge acquired in the classroom to real-life situations • Ability to understand that learning, especially language learning, is not a finite process, but a life-long commitment • Ability to appreciate and pursue the common good over self-interest <p><i>Humanities and the Arts (3 hours)</i></p> <ul style="list-style-type: none"> • Ability to recognize the aesthetic qualities of literature and the arts as valid and meaningful expressions of the human experience • Ability to discern the impact and role of artistic and literary production and achievement upon the formation and development of world societies • Ability to discern the impact and role of literature and the arts upon our understanding of the human condition • Ability to communicate with others in English, both verbally and nonverbally, in an articulate, clear, and coherent manner • Ability to analyze and explore rhetorical, ethical, and systematic methods of Inquiry
University of North Georgia	Students will analyze forms of expression that reflect individual, social, and cultural values.

University of West Georgia	<ol style="list-style-type: none">1. Students will demonstrate knowledge of the foundational concepts of artistic, intellectual, or literary achievement.2. Students will recognize and make informed judgments about the fine, literary, or performing arts from various cultures.
Valdosta State University	Students will analyze, evaluate, and interpret diverse forms of human communication.

Area D: Natural Sciences, Mathematics, and Technology

Institution	Outcome
Abraham Baldwin Agricultural College	Students will interpret scientific principles, theories, and laws as they apply to the dynamic nature of scientific disciplines.
Albany State University	<p>Students, upon taking at least one science course with laboratory, will demonstrate understanding of the physical universe, the changing nature of science, and the scientific method.</p> <p>Students who take mathematical or technology information will understand the concepts of verbal, numerical, graphical and symbolic forms.</p>
Armstrong State University	A. Students will demonstrate a collegiate-level understanding of the method by which scientific study is conducted. AND B. Students will accurately evaluate data in scientific reasoning problems.
Atlanta Metropolitan State College	Students will apply the steps and tenets of the scientific method.
Augusta University	The student will use scientific principles and knowledge to explain or predict natural phenomena.
Bainbridge State College	Students apply scientific reasoning and methods of inquiry to explain natural phenomena.
Clayton State University	Students will apply scientific reasoning and methods of inquiry to solve problems or to explain natural phenomena.
College of Coastal Georgia	Students will be able to demonstrate the ability to solve problems and draw conclusions by analyzing situations and explaining them in numeric, graphical or symbolic form.
Columbus State University	<p>Demonstrate knowledge and understanding of key principles, theories, facts, and current hypotheses in one or more areas of natural science</p> <p>Demonstrate knowledge and understanding of scientific reasoning and how new knowledge is acquired in one or more areas of science, including the selection and use of appropriate methods, tools, and technology for answering questions and solving problems.</p> <p>Relate scientific principles and methods to problems that are important to individuals and societies.</p>
Dalton State College	<p>Students who complete Area D</p> <ol style="list-style-type: none"> utilize appropriate models, systematic methods, and concepts such as the scientific method to solve problems.

	2. demonstrate the ability to evaluate observations, inferences, or relationships in works under investigation.
Darton State College	Students will demonstrate an understanding of the physical or biological perspectives of the universe using the scientific method, mathematical concepts, technology, or logical reasoning.
East Georgia State College	Students will demonstrate effective use of scientific methods.
Fort Valley State University	Students will use the scientific method to explore naturally occurring phenomena and utilize appropriate technology to analyze and interpret data.
Georgia College and State University	Students will be able to use technology to facilitate problem-solving. Students will be able to use critical observation and analysis to model and/or predict natural phenomena. Students will be able to evaluate mathematical and/or quantitatively-based arguments.
Georgia Gwinnett College	Demonstrate Creative and Critical Thinking in Multidisciplinary Contexts through effective use of the scientific method. Demonstrate an Ability to Reason Quantitatively by solving problems, using arithmetical, algebraic, geometric, or statistical methods.
Georgia Highlands College	Students will demonstrate knowledge of the concepts of one scientific discipline, along with the application of those concepts through experimentation and observation. Students will use appropriate models and quantitative methods to analyze data, explore relationships among variables, and find missing information.
Georgia Institute of Technology	Student will be able to demonstrate the ability to obtain, analyze, interpret, and criticize qualitative observations and quantitative measurements to explain natural phenomena and to test hypotheses.
Georgia Southern University	Students will apply foundational principles of science, math, or technology to the process of scientific inquiry.
Georgia Southwestern State University	Students will be able to interpret symbolic representations of data relevant to the physical world. Students will be able to evaluate the relationship between observation and inference in the natural sciences.

Georgia State University	Students apply scientific and computational reasoning and methods of inquiry to explain natural phenomena and/or analyze quantitative information and solve applied problems.
Gordon State College	Students will demonstrate understanding of the natural world and methods of scientific investigation.
Kennesaw State University	Students will demonstrate an understanding of college-level scientific principles, theories, and laws, and apply them to solve problems and explore natural phenomena. Students will demonstrate an ability to effectively apply symbolic representations to model and solve problems.
Middle Georgia State University	Students will solve problems using scientific principles and the scientific method.
Savannah State University	Students demonstrate a collegiate-level understanding of the nature of science and the scientific method and knowledge of fundamental concepts in one or more fields of science.
South Georgia State College	Students will use reasoning and methods of inquiry to critically analyze data, solve problems, and explain natural phenomena.
University of Georgia	<p>II. Sciences (7-8 hours) – Equivalent to Area D Scientific reasoning will be characterized by knowledge and application competencies in scientific method, laboratory techniques, mathematical principles, and experimental design to natural phenomena. Study of the Sciences will ensure that students gain an understanding of the natural, scientific and technologically-oriented world of which they are a part, and that they be able to engage critically and ethically with future scientific innovation.</p> <p>At least one of the physical science or life science courses must include a laboratory.</p> <p><i>Physical Sciences (3-4 hours)</i></p> <ul style="list-style-type: none"> • Ability to understand basic scientific principles, theories, and laws as they apply to scientific disciplines • Ability to discern the role in and impact of science on society, and to identify and properly use appropriate technologies for scientific inquiry and communication, including collecting and analyzing scientific data • Ability to understand the physical universe and science's relationship to it, and to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena <p><i>Life Sciences (3-4 hours)</i></p> <ul style="list-style-type: none"> • Ability to understand basic scientific principles, theories, and laws as they apply to scientific disciplines • Ability to discern the role in and impact of science on society, and to identify and properly use appropriate

	<p>technologies for scientific inquiry and communication, including collecting and analyzing scientific data</p> <ul style="list-style-type: none"> • Ability to understand how living systems function and the relationship amongst living organisms in the environment, and to apply societal ethics to scientific inquiry in the life sciences
University of North Georgia	Students will apply principles of scientific method and mathematical techniques to the analysis of the natural or physical world.
University of West Georgia	<p>Demonstrate the ability to:</p> <ol style="list-style-type: none"> 1. Apply scientific reasoning and methods, mathematical principles, or appropriate information technologies to explain natural phenomena or situations that arise in the real world. 2. Use appropriate scientific tools and instruments to acquire data, process information, and communicate results.
Valdosta State University	Students will demonstrate understanding of the physical universe and the nature of science, and they will use scientific methods and/or mathematical reasoning and concepts to solve problems.

Area E: Social Sciences

Institution	Outcome
Abraham Baldwin Agricultural College	Students will describe how historical, economic, political, social, and spatial relationships develop, persist, and change, as well as how they are impacted by the complexity and diversity of individual and group behavior.
Albany State University	<p>Students will demonstrate the ability to describe how historical, political, and social relationships develop, persist or change.</p> <p>Students will also demonstrate the ability to think and write critically about human behavior, social relationships, and diversity within the context of a complex world.</p>
Armstrong State University	Students will analyze the complexity of human behavior, considering how historical, economic, political, or social relationships develop, persist, or change.
Atlanta Metropolitan State College	Students will have the ability to articulate the complexity of of human behavior as a function of the commonality and diversity within groups.
Augusta University	The student will understand the complexity and diversity of human behavior.
Bainbridge State College	Students will critically analyze historical, economic, political, social, or psychological processes and how they contribute to the human experience.
Clayton State University	<p>E1 & E3: Students will evaluate political events, issues, groups or individuals in United States history.</p> <p>E2: Students will explain how cultural, political, social, economic, or environmental factors have impacted various people or societies of the world.</p> <p>E4: Students will examine and apply concepts of social identity and individual differences, such as ethnicity, race, gender, age, class, ability or sexual orientation.</p>
College of Coastal Georgia	<ol style="list-style-type: none"> Students will be able to demonstrate understanding of the United States and its evolving political, social, or institutional developments of the United States. Students will analyze the complexity of human behavior and how historical, economic, political, or spatial relationships develop, persist, or change.
Columbus State University	<ol style="list-style-type: none"> Assess the environmental, political, economic, behavioral or cultural factors that shape human activity across time and space.

	2. Apply methods of inquiry, evaluate arguments, and draw conclusions in the social sciences.
Dalton State College	<p>Students who complete Area E</p> <ol style="list-style-type: none"> 1. articulate an understanding of major forces and events, influences, or ideas that have shaped history and society. 2. analyze social institutions, world religions, natural landscapes, or human behavior using appropriate disciplinary frameworks. 3. demonstrate the ability to articulate and analyze perspectives and values of diverse cultural groups and their historical experiences in the United States. 4. articulate the constitutional principles and governmental processes fundamental to American democracy and political participation.
Darton State College	Students will critically analyze historical, economic, political, social, or psychological processes and how they contribute to the human experience.
East Georgia State College	Students will demonstrate the ability to analyze human behavior from a variety of perspectives.
Fort Valley State University	Students effectively analyze the complexity of human behavior, and how historical, economic, political, social, or spatial relationships develop, persist, or change.
Georgia College and State University	Students will be able to interpret social science research from various sources.
Georgia Gwinnett College	Demonstrate an understanding of human and institutional decision making from multiple perspectives by analyzing current issues and problems in light of behavioral, organizational, or historical contexts.
Georgia Highlands College	Students will analyze, from multiple perspectives, the ways that historical, economic, political, social, or cultural relationships develop.
Georgia Institute of Technology	Student will demonstrate the ability to describe the social, political, and economic forces that influence social behavior.
Georgia Southern University	Students will examine and articulate how constitutional, cultural, economic, geographic, historical, political, or social forces have shaped and continue to shape an evolving and diverse human experience.
Georgia Southwestern State University	Students will be able to articulate factual and conceptual knowledge concerning societal dynamics.

Georgia State University	Students effectively analyze the complexity of human behavior and how historical, economic, political, social, and/or spatial relationships develop, persist, and/or change.
Gordon State College	Students will demonstrate understanding of the historical, political, or behavioral development of individuals or societies and be able to apply the tools of the social sciences to understand the complexities of individuals and the problems and institutions of society.
Kennesaw State University	Students will analyze the complexity of how historical, economic, or political relationships develop, persist, or change. Students will demonstrate a broad understanding of history, political systems, or cultures of the U.S.
Middle Georgia State University	Students will analyze effectively the complexity of human behavior, or how historical, economic, political, social, or spatial relationships develop, persist, or change.
Savannah State University	Students critically analyze historical, economic, political, social, spatial, or psychological processes and how they contribute to the human experience.
South Georgia State College	Students will analyze the nature of basic historical, political, or cultural aspects of society.
University of Georgia	<p>V. Social Sciences (9 hours) – Equivalent to Area E Social Sciences will be characterized by knowledge and application competencies in such academic disciplines as Psychology, History, Sociology, Political Science, Economics, and other areas. Study of the Social Sciences will ensure that students gain an awareness and understanding of the complex, dynamic nature of the social, political, institutional, and economic systems that drive a culturally diverse and globally connected world.</p> <ul style="list-style-type: none"> • Ability to relate local, national, and global social policy • Ability to identify and analyze both contemporary and historical perspectives on contemporary issues • Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups • Ability to relate the contributions of groups and individuals to the history of ideas and belief systems • Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change
University of North Georgia	Students will analyze the complexity of human behavior as a function of the commonality and diversity within or between groups.

<p>University of West Georgia</p>	<ol style="list-style-type: none"> 1. Students will demonstrate the ability to understand the political, social, economic, or cultural dimensions of world and American history. 2. Students will demonstrate that they have developed an understanding of the political and legal processes of the U.S. and Georgia, and an understanding of the terminology of political science and U.S. politics. 3. Students will demonstrate knowledge of the fundamental concepts of a discipline examining the social world.
<p>Valdosta State University</p>	<p>Students will demonstrate knowledge of diversity in individual and social behavior, the structure and processes of the United States government, and the importance of historical changes over time.</p>