

		AGS							AGS
		AS						AS	
		AA							
		Essential Skills							
<b>Program: Liberal Arts &amp; Sciences</b>		<i>Curriculum Map</i>							
<b>Program Outcomes: Upon completion of the program, graduates will be able to...</b>	<b>Essential Skills</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Courses</b>									
ARTS 101: Drawing I	1234	IR	IR	IRMA	I		IRA		IRA
ARTS 120: Art Appreciation	12345	IRA	IRMA	IRA	IRMA	IRA	IRA		IRA
ARTS 121: History of World Art	1234	IRA	IRA	IRA	IRMA		IRMA		IRMA
DRAM 111: Acting I	1234		IRMA	IRMA	IRMA		IRMA		IRMA
GEOG 101: World Geography	1345	IRA		IR	IRA	I	IRA		IRA
HIST 102: Survey of Civilization II	12345	I	I	IR	I	I	MA		MA
HIST 103: American History to 1865	12345	IR	I	IR	IRMA	R	MA		MA
HIST 104: American History since 1865	12345	I	I	IR	R	MA	IRMA		IRMA
LITR 210: Intro to Literature	12345	IRMA	IR	IRMA	IR	IR	IRMA		IRMA
MUSC 108: Music History & Appreciation	12345	IRA	IRA	IRA	IRA		IRA		IRA
PHIL 101: Intro to Philosophy	12345	IRA	RA	IRA	I	I	IRMA		IRMA
PHIL 102: Elementary Ethics	12345	RA	RA	I	I	IR	MA		MA
SPCH 113: Interpersonal Communications	1234	IRMA	IRMA	IRMA	IR		IRMA		
BIOL 105: Principles of Biology	123	IRMA	IRMA	IRMA				IRMA	IRMA
BIOL 210: Anatomy & Physiology	13	IR		IR				IRMA	IRMA
CHEM 105: General Chemistry	1235	IR	IR	IR		I		IRMA	IRMA
CHEM 109: College Chemistry I	123	I	I	IR				IRMA	IRMA
CHEM 110: College Chemistry II	123	I	I	IRMA				IRMA	IRMA
MATH 109: Plane Trigonometry	13	IRA		IRMA				IRMA	
MATH 110: Fundamentals of Statistics	13	IRMA		IRMA				IRMA	
PHSC 105: General Physical Science	135	IR		IR		I		IRMA	IRMA
PHSC 106: Descriptive Astronomy	12345	MA	R	R	I	R		MA	MA
PHYS 205: General Physics I	123	IA	IA	IRA				IRA	IRA

PHYS 206: General Physics II	123	IA	IA	IRA				IRA	IRA
PHYS 207: Engineering Physics I	123	IA	IA	IRMA				IRMA	IRMA
PHYS 208: Engineering Physics II	123	IA	IA	IRMA				IRMA	IRMA
CRIM 101: Intro to Criminal Justice	12345	IR	IR	I	I	IRMA			IRMA
CSCI 110: Computer Concepts	1235	IA	IA	IA		I			
ECON 111: Economics: Macro	1345	IR		IRA	IR	IR			IA
ECON 112: Economics Micro	1345	IR		IR	I	I			IA
EDUC 110: Developmental Psychology	12345	I	I	IRA	IRA	I			IRMA
HPER 106: Health Education	12345	IRMA	IRMA	IRMA	IRMA	IRMA			IRMA
HPER 115: Basic Nutrition	12345	IRMA	IRMA	IRMA	IRMA	IRMA			IRMA
MATH 107: Intermediate Algebra	3			IRA					IRMA
POLS 104: Intro to Political Science	12345	IR	I	IR	IR	IR	IRMA		
POLS 105: American Government	12345	I	I	IR	R	MA			IRMA
SOCI 105: Intro to Anthropology	12345	IRA	IRA	IRA	IRA	IRA			IRMA
SOCI 210: Intro to Social Work	12345	IRA	IRA	IRA	IRA	IRA			IRMA

AGS	AGS
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<b>ARTS 101: Drawing I</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
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demonstrate fluency with a variety of drawing techniques and media		IR	IRMA	I		IRA		IRA
demonstrate an understanding of vocabulary specific to the discipline of drawing		IR	IR			IRA		IRA
translate observed three-dimensional forms as two-dimensional images	IR	IR	IRMA			IRA		IRA
demonstrate effective compositional strategies	IR	IR	IRA			IRA		IRA
assess the strengths and weaknesses of personal artwork and the artwork of others	I	IR	IRMA			IR		IR

AGS	AGS
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<b>ARTS 120: Art Appreciation</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>								
illustrate written communication skills.								
demonstrate oral communication skills.								
develop critical thinking skills.								
develop awareness of diversity.								
develop an awareness of social responsibility.								
apply tools, technologies, and methods common to the humanities & fine arts.								
apply tools, technologies, and methods common to the areas of mathematics and sciences.								
apply tools, technologies, and methods common across a variety of interrelated disciplines.								
<b>Course SLO: Students will be able to</b>								
demonstrate an understanding of the terminology and conventions of visual expression.	IRA	IRMA	IR	IRMA	IRA	IRA		IRA
critically analyze and interpret works of art in terms of form and content.	IRA	IRMA	IRA	IRMA		IRA		IRA
communicate knowledge of art practices, meaning, values, and methods within diverse historical and cultural contexts.	IRA	IR		IRA	I	IRA		IRA
participate in the current discourse of visual arts and culture.	IRA	IRMA	IR	IRMA	IR	IRA		IRA

AGS	AGS
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Course: ARTS 121: History of World Art	<i>Curriculum Map</i>							
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Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
demonstrate knowledge of representative works of Western art and architecture from the prehistoric to the medieval	IRA	IRA	IR	IRA		IRMA		IRMA
analyze works of art and architecture using formal and contextual analysis	IRA	IRA	IRA	IRA		IRMA		IRMA
effectively utilize art historical vocabulary and terminology	IRA	IRA		IRMA		IRMA		IRMA
apply the knowledge gained in this course to evaluate and interpret works of art and architecture	IRA	IRA	IR	IRA		IRMA		IRMA

AGS	AGS
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<b>Course: DRAM 111: Acting I</b>	<b>Curriculum Map</b>
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Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
1. apply acting terminology								
A. identify tools of subtext						IRA		IRA
B. define moments, goals, choices, change, and discovery.								
C. define acting, art, and craft.			IRMA					
D. evaluate the work of others			IRMA	IRMA				
2. utilize the actors instrument								
A. practice relaxation and concentration exercises.						IRMA		IRMA
B. practice exercises to help prepare the mind, body, and voice for performance.						IRMA		IRMA
C. utilize various methods for overcoming anxiety.		IRMA				IRA		IRA
3. demonstrate a systematic approach to acting.			IRA			IRMA		IRMA
A. utilize techniques from Stanislavski, Baker, Benedetti, Shurtleff, and or Whelan.			IRA			IRMA		IRMA
B. prepare and deliver expository scenes and monologues		IRMA						
C. prepare and deliver climactic scenes and monologues.		IRMA						
4. analyze a script for performance			IRMA	IRMA				

AGS	AGS
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<b>Course: GEOG 101: World Geography</b>	<i>Curriculum Map</i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
define basic geographic concepts.	IR		IR			IRA		IRA
interpret geographic phenomena with maps and spatial data.	IR		IR	I		IRA		IRA
understand the process of regionalization.	IR		IR	IR		I		I
analyze human-environment interaction.	IA		I	IRA	I	I		I
evaluate global interconnectedness	IRA		I	IRA	I	I		I

AGS		AGS	
AS		AS	
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<b>Course: HIST 102: Survey of Civilization II</b>	<i>Curriculum Map</i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
utilize basic tools to navigate library - prioritize analyze & synthesize historic materials	I							
describe & analyze change over time & global interactions	I		R	I		MA		MA
describe & analyze change over time & global interactions	I		R		I	MA		MA
prioritize, analyze and synthesize historical materials and ideas	I		I					
write and communicate clearly	I	I						



AGS	AGS
AS	AS
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**Course: HIST 103: American History to 1865**

*Curriculum Map*

Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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Course SLO: Students will be able to								
describe historical perspectives and change over time by analyzing, evaluating, and interpreting primary and secondary historical sources	I	I	IR			IR		IR
describe and analyze the social, political, and economic developments of the following period of American History:	I	I	I	R	R	MA		MA
describe major indigenous cultures of North America & evaluate impact	I			I	R			
describe & analyze significant political, social, economic & diplomatic development of European exploration and colonization of North America	IR			IR	R			
trace & evaluate causes, development & consequences of American Revolution	I		I		R			
describe and analyze significant events in the creation and development of	I		IR					
describe and analyze significant political, social, economic, and diplomatic developments, including territorial expansion and sectionalism, of antebellum America	I		I		R	MA		MA
trace the development of the trans-Atlantic slave trade and the practice of slavery in the American colonies, and analyze the impact of slavery on US institutions events and people	I		I	I	R			
trace & evaluate causes, development & consequences of Civil War	I		I	IRMA	R	MA		MA

describe era reconstruction and evaluate its impact	I		I	IRMA	R			
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AGS	AGS
AS	AS
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**Course: HIST 104: American History since 1865**

*Curriculum Map*

Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
Course SLO: Students will be able to								
describe historical perspectives and change over time by analyzing, and interpreting primary and secondary historical sources	I	I	IR		R	MA		MA
describe and analyze the social, political, and economic developments of the following periods of American History	I	I	R			IRMA		IRMA
describe & analyze cause, course and impact of American imperialism	I			I				
describe & analyze significant political, social, economic & diplomatic development including reform movement of modern industrial America		I						
trace & evaluate causes, development & consequences of WWI			R		MA	A		
describe & analyze significant political, social, economic & diplomatic developments of interwar years	I			R				
describe causes, course & consequences of Great Depression & New Deal and evaluate impact		I		R				
trace & evaluate causes, development & consequences of WWII	I		R		MA			
describe & analyze significant political, social, economic & diplomatic developments of postwar America		I	R					
describe & analyze the international role of the US in Cold War era	I			R				
describe & analyze significant political, social, economic development transformed Am. Beginning with modern Civil Rights		I	IR	R	MA			
describe & analyze post Cold-War political, social, economic & diplomatic developments	I		R					

AGS	AGS
AS	AS
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Course: LITR 210: Intro to Literature		Curriculum Map						
Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
Course SLO: Students will be able to								
demonstrate an awareness of the complexity and diversity of human experience as expressed through literature.	IRA	IR	IRA	IR	IR			
analyze the interactions of reader and writer to discern meaning.	IRA	IR	IR	IR	IR	IRMA		IRMA
articulate the distinctive features of various genres.	IR	IR	IR					
apply modes of critical inquiry specific to the discipline.	IRA	IR	IRA	IR	IR	IRMA		IRMA
compose thoughtful literary analysis using appropriate terminology and conventions.	IRMA		IRMA			IRMA		IRMA

AGS	AGS
AS	AS
AA	

**Course: MUSC 108: Music History & Appreciation**

*Curriculum Map*

<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
identify and describe the elements of melody, harmony, pitch, rhythm, timbre, texture, form, and dynamics.	IRA	IRA	IRA			IRA		IRA
identify the expressive qualities of the elements of music through listening experiences.	IRA	IRA	IRA			IRA		IRA
describe the general characteristics of musical genres and the relationship to their cultural/historical settings.	IRA	IRA	IRA	IRA		IRA		IRA
demonstrate knowledge of musical artists, composers, and compositions related to the context of the course.	IRA	IRA	IRA			IRA		IRA
critically evaluate the role of music in their lives.	IRA	IRA	IRA		IRA	IRA		IRA

AGS	AGS
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<b>Course: PHIL 101: Intro to Philosophy</b>	<i>Curriculum Map</i>							
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
recognize the significance of philosophy in a broader cultural and historical context.				I	I			
show familiarity with the development of various philosophical tradition during some of their major periods.			I					
recognize key characteristics of philosophical inquiry such as its emphasis on careful reasoning and analysis and how it differs form other kinds of inquiry.			IR			I		I
demonstrate familiarity with and understanding of basic philosophical theories, terminology and concepts.	I	RA				IR		IR
show familiarity with at least one of the major divisions of Philosophy as determined by the individual instructor.		RA				MA		MA
demonstrate understanding of major philosophical theories within historical periods, schools of thought, or problems within philosophy as chosen by instructor.	RA		I					
identify and develop in writing philosophical analyses and arguments based on philosophical reasoning.	RA					MA		MA
distinguish between valid and fallacious arguments and recognize examples of each.			I					
provide cogent reasons in support of contentious philosophical claims.			IR					
evaluate in writing philosophical analyses, arguments, and texts and appreciate alternative points of view	RA					MA		MA

show familiarity with some classic philosophical arguments within historical periods, within schools of thought, or within problems in philosophy.			<b>IR</b>		<b>I</b>			
be familiar with a variety of philosophical positions on contentious issues such as the nature of the mind, the sources of knowledge, and the nature of the good.			<b>I</b>					
evaluate competing theories and arguments, providing their own positions supported by valid arguments			<b>RA</b>		<b>I</b>	<b>MA</b>		<b>MA</b>

AGS	AGS
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**Course: PHIL 102: Elementary Ethics**

*Curriculum Map*

Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
Course SLO: Students will be able to								
recognize the significance of moral philosophy in a broader context			I					
show familiarity with the philosophical development of various normative ethical theories.			I	I	R			
recognize key characteristics of philosophical inquiry such as its emphasis on careful reasoning and analysis and how it differs from other kinds of inquiry			I					
apply moral theories to ethical problems			I	I	R			
identify and explain basic ethical theories, terminology and concepts			I	I	R			
demonstrate an understanding of major normative ethical theories, schools of thought, or problems within ethics as chosen by the instructor	RA		I			MA		MA
explain key ethical terms as understood within ethical theories or as applied to ethical problems.		RA	I					
identify and develop in writing philosophical analyses and arguments based on philosophical reasoning and provide cogent reasons in support of competing philosophical claims.	RA		I		I	MA		MA
evaluate in writing philosophical arguments and texts focusing on moral theories and problems and state alternative points of view, providing their own positions supported by cogent arguments.	RA		I		I	MA		MA



AGS	AGS
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**Course: SPCH 113: Interpersonal Communications**

*Curriculum Map*

<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
demonstrate an ability to apply effective communication techniques within a variety of contexts.	IRAM		IRMA	IR			IR	
demonstrate an understanding of various effective conflict management skills.	IRMA	IR	IR	IR				
demonstrate an understanding of the impact of gender and culture on interpersonal communication.	IR	IR	IR	IR				
demonstrate an ability to analyze effective listening habits and skills.	IRMA	IR	IRMA	IR		IR		
evaluate the role of verbal and nonverbal messages in interpersonal communication.	IRMA	IR	IR	IR				
recognize the role of perception of self and others in interpersonal communication.	IRMA	IR	IR	IR				
create a resume reflecting current employability preparedness.	IRMA	IRMA	IR			IRMA		
construct an employment interviewing experience to present to the class	IR	IRMA	IR			IRMA		

AGS	AGS
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<b>Course: BIOL 105: Principles of Biology</b>	<b>Curriculum Map</b>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
demonstrate an understanding of the nature of science: scientific processes, scientific methods							IR	IR
demonstrate an understanding of the levels of organization and emergent properties of life: Chemical, Cellular, Organ/organ system, organismal, ecological	IRMA	IR					MA	MA
demonstrate an understanding of bioenergetics: Enzyme activity, metabolism, cellular respiration/photosynthesis			IRMA					
demonstrate an understanding of the importance of reproduction in maintaining the continuity of life: Mitosis, meiosis, differentiation/development, diversity of reproductive strategies								
demonstrate an understanding of applying the principles of genetics to unity and diversity of life: Classical genetics, molecular genetics.		MA						
demonstrate an understanding of discussing evolution as the mechanism of change in biology: Natural selection, Speciation, Diversity of life/classification							IRMA	IRMA
demonstrate an understanding of the principles of ecology: Ecosystem organization, Ecological interactions, Environmental issues							IRMA	IRMA

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<b>Course: BIOL 210: Anatomy &amp; Physiology</b>	<b><i>Curriculum Map</i></b>							
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
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Body Plan & Organization - Upon completion of this section the student will be able to demonstrate measurable understanding of descriptive anatomical and directional terminology including the following topics - anatomical position, - body planes, sections, body cavities & regions, directional terms, basic terminology, levels of organization, survey of body systems							IR	IR
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Homeostasis - Upon completion of this section the student will be able to demonstrate measurable understanding of the basic concept of homeostasis and how homeostatic mechanisms apply to body systems including the following topics - general types of homeostatic mechanisms, examples of homeostatic mechanisms, application of homeostatic mechanisms, predictions related to homeostatic imbalance, including disease states & disorders	IR		IR				IR	IR
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<p>Chemistry &amp; Cell Biology Review - Upon completion of this section the student will be able to demonstrate measurable understanding of basic chemistry and cellular structures and function, including the following topics - - atoms &amp; molecules, chemical bonding, inorganic compounds/solutions (including the concept of pH), organic compounds, energy transfer using ATP, intracellular organization of nucleus and cytoplasm, membrane structure &amp; function, mechanisms for movement of materials across cellular membranes, organelles, protein synthesis, cellular respiration (introduction), somatic cell division (mitosis &amp; cytokinesis), reproductive cell division, application of homeostatic mechanisms, predictions related to homeostatic imbalance, including disease states and disorders</p>						MA	MA
<p>Histology - Upon completion of this section the student will be able to demonstrate measurable understanding of the basic tissues of the body, their location and functions, including the following topics - overview of histology &amp; tissue types, microscopic anatomy, location, &amp; functional roles of epithelial, connective, muscular and nervous tissues, membranes (mucous, serous, cutaneous &amp; synovial), glands (exocrine &amp; endocrine), and tissue injury &amp; repair</p>							

<p>Integumentary System - Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the integumentary system and describe the functions of the system, including the following topics - general functions of the skin &amp; the subcutaneous layer, gross &amp; microscopic anatomy of the skin, roles of the specific tissue layers of the skin &amp; subcutaneous layer, anatomy &amp; functional roles of accessory structures, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states &amp; disorders</p>							IRMA	IRMA
<p>Skeletal System - Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the skeletal system and explain their functional roles in osteogenesis, repair, and body movement, including the following topics, general functions of bone &amp; the skeletal system, structural components – microscopic anatomy, structural components, gross anatomy, physiology of embryonic bone formation (ossification, osteogenesis), physiology of bone growth, repair &amp; remodeling' organization of the skeletal system - gross anatomy of bones, classification, structure &amp; function of joints (articulations), application of homeostatic mechanisms, predictions related to homeostatic imbalance, and including disease states &amp; disorders</p>								

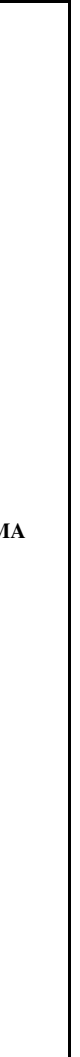
Muscular System - Upon completion of this section the student will be able to demonstrate measurable understanding of major gross and microscopic anatomical components of the muscular system and explain their functional roles in body movement, maintenance of posture, and heat production, including the following topics - general functions of muscle tissue, identification, general location, & comparative characteristics of skeletal, smooth, & cardiac muscle tissue, detailed gross & microscopic anatomy of skeletal muscle, physiology of skeletal muscle contraction, skeletal muscle metabolism, principles & types of whole muscle contraction, nomenclature of skeletal muscles, location & function of skeletal muscles, group actions of skeletal muscles, lever systems, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states & disorders.



**IRMA**

**IRMA**

Nervous System - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the nervous system and explain their functional roles in communication, control, and integration, including the following topics - general functions of the nervous system, organization of the nervous system from both anatomical & functional perspectives, gross & microscopic anatomy of the nerve tissue, neurophysiology, including mechanism of resting membrane potential, production of action potentials, & impulse transmission, neurotransmitters & their roles in synaptic transmission, sensory receptors & their roles, division, origin, & function of component parts of the brain, protective roles of the cranial bones, meninges, & cerebrospinal fluid, structure & function of cranial nerves, anatomy of the spinal cord & spinal nerves, reflexes & their roles in nervous system function, physiology of sensory & motor pathways in the brain & spinal cord, functions



**IRMA**

**IRMA**

Special Senses - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the eye and ear and explain their functional roles in vision, hearing and equilibrium - Students should also be able to identify and locate the receptors responsible for olfaction and gustation and briefly describe the physiology of smell and taste, including the following topics- gross & microscopic anatomy of the eye & ear, roles of specific tissues of the eye in vision, roles of specific tissues of the ear in hearing & equilibrium, olfactory receptors & their role in smell, gustatory receptors & their role in taste, general gross & microscopic anatomy of hearing & accessory structures of the ear, roles of specific tissues of the ear in hearing, roles of the accessory structures, role of the ear in equilibrium, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states & disorders



**IRMA**

**IRMA**



Endocrine System - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the endocrine system and explain the functional roles of their respective hormones in communication, control, and integration, including the following topics - general functions of the endocrine system, chemical classification of hormones & mechanism of hormone actions at receptors, control of hormone secretion, control by the hypothalamus& pituitary gland, identity, source, secretory control, & functional roles of the major hormones produced by the body, local hormones (paracrines & autocrines) & growth factors, hormonal response to stress, application of homeostatic mechanisms, predictions related to homeostatic imbalance, including disease states & disorders, **Note: Since the endocrine system plays a key role in the regulation and integration of body organ systems, detailed aspects of endocrine system function may be emphasized throughout the course.**

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<p>Lymphatic System &amp; Immunity - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the lymphatic system and explain their functional roles in fluid dynamics and immunity, including the following topics - general functions of the lymphatic system, lymph &amp; lymphatic vessels, lymphatic cells, tissues, &amp; organs, introduction to innate (nonspecific) defenses &amp; adaptive (specific) defenses, innate (nonspecific) defenses, overview of adaptive (specific) defenses, antigens &amp; antigen processing, lymphocytes &amp; their role in adaptive immunity, antibodies &amp; their role in adaptive immunity, applied immunology, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states &amp; disorders</p>								
<p>Respiratory System - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the respiratory system and explain their functional roles in breathing/ventilation and in the processes of external and internal respiration, including the following topics - general functions of the respiratory system, gross &amp; microscopic anatomy of the respiratory tract &amp; related organs, mechanisms of pulmonary ventilation - pulmonary air volumes &amp; capacities, mechanisms of gas exchange in lungs &amp; tissues, mechanisms of gas transport in the blood, control of pulmonary ventilation, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states &amp; Disorders</p>						<p>IRMA</p>	<p>IRMA</p>	

<p>Digestive System - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the digestive system and explain their functional roles in digestion, absorption, excretion and elimination, including the following topics - general functions of the digestive system, gross &amp; microscopic anatomy of the alimentary canal, gross &amp; microscopic anatomy of the accessory glands &amp; organs, peritoneum &amp; mesenteries, motility in the alimentary canal, mechanical &amp; chemical processes of digestion, processes of absorption, hormonal &amp; neural regulation of digestive processes, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states &amp; disorders</p>						IRMA	IRMA
<p>Metabolism - Upon completion of this section the student will be able to demonstrate measurable understanding of the functional relationship among cellular, tissue and organ level metabolism, the role nutrition plays in metabolism, and the mechanisms by which metabolic rate is regulated in the body, including the following topics – nutrition, introduction to metabolism, cellular respiration &amp; the catabolism &amp; anabolism of carbohydrates, lipids, &amp; proteins, metabolic roles of body organs, energy balance &amp; thermoregulation, application of homeostatic mechanisms, and predictions related to homeostatic imbalance, including disease states &amp; disorders</p>						IRMA	IRMA

<p>Urinary System - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the urinary system and explain their functional roles, including the following topics, general functions of the urinary system, gross &amp; microscopic anatomy of the urinary tract, including detailed histology of the nephron, functional processes of urine formation, including filtration, reabsorption, secretion, &amp; excretion, factors regulating &amp; altering urine volume &amp; composition, including the renin-angiotensin system and the roles of aldosterone &amp; antidiuretic hormone, endocrine activities of the kidneys, such as vitamin D activation &amp; secretion of erythropoietin, and innervation &amp; control of the urinary bladder</p>								
<p>Fluid/Electrolyte &amp; Acid/Base Balance - Upon completion of this section the student will be able to demonstrate measurable understanding of the physiology of the homeostatic mechanisms that control fluid/electrolyte and acid/base balance, including the following topics- regulation of water intake &amp; output, description of the major fluid compartments, including intracellular, extracellular, intravascular, &amp; interstitial, volume &amp; chemical composition of major compartment fluids, movements between the major fluid compartments, causal forces, volumes, &amp; electrolyte balance, buffer systems &amp; their roles in acid/base balance, role of the respiratory system in acid/base balance, and role of the urinary system in acid/base balance</p>						IRMA	IRMA	

Reproductive Systems - Upon completion of this section the student will be able to demonstrate measurable understanding of the major gross and microscopic anatomical components of the reproductive system and explain their functional roles in reproduction and inheritance, including the following topics - general functions of the male & female reproductive systems, gross & microscopic anatomy of the male & female reproductive systems, gametogenesis, specific roles of the female reproductive organs, specific roles of the female reproductive organs, regulation of reproductive functions, conception, pregnancy, & embryological & fetal development, parturition & labor, and mammary gland anatomy & physiology

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<b>Course: CHEM 105: General Chemistry</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
develop knowledge about periodic properties of elements								
master inorganic nomenclature and the metric system							IR	IR
develop problem-solving skills			I					
develop skills in group interaction and collaborative learning.								
understand basic principles of stoichiometry, physical/chemical changes, gases, acids/bases, energetics, and solutions.								
develop laboratory skills including safety skills, measurements skills, and methods of inquiry in the laboratory settings.			R				MA	MA
develop understanding of atomic and molecular structure and bonding.								
appreciate the role of chemistry in society and industry and understand the relationship chemistry has with other sciences and the use of chemistry in technology.					I			
gain experience in both written and oral scientific reports.	IR	IR						

Course: CHEM 109: College Chemistry I	<i>Curriculum Map</i>							
Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
Course SLO: Students will be able to								
demonstrate proficiency in the Metric System, significant figures, and density.							IR	IR
demonstrate proficiency in formula writing and balancing equations.								
demonstrate proficiency in chemical structure and bonding.			I					
demonstrate proficiency in using the gas laws.			R					
demonstrate proficiency in acid and base chemistry.								
demonstrate proficiency in understanding the energy of reactions.								
demonstrate proficiency in dealing with solutions and two-phase systems.								
demonstrate proficiency in chemical equilibrium.							MA	MA
demonstrate an understanding of redox reactions and electrochemistry.	I	I						



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<b>Course: CHEM 110: College Chemistry II</b>	<b>Curriculum Map</b>							
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
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describe the basic (colligative) properties of solutions							IR	IR
describe the fundamentals of acid/base equilibria, including pH calculations, buffer behavior, acid/base titrations, and their relationship to electrophiles and nucleophiles								
describe the thermodynamic and kinetic forces involved in chemical reactions which determine how much and how soon products are formed								
describe the basics of electrochemistry, and the relationship of electrical parameters to thermodynamic and stoichiometric parameters							MA	MA
describe current bonding models for simple inorganic and organic molecules in order to predict structures and important bonding parameters			I				IR	IR
describe general periodicity patterns of (organic/inorganic) molecules, and the ability to design synthetic approaches to such species			RMA					
describe solubility and complex ion equilibria								
describe the basic aspects of nuclear chemistry	I	I					MA	MA



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**Course: MATH 110: Fundamentals of Statistics**

*Curriculum Map*

<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
create graphical and numerical descriptions of quantitative and qualitative data.	RMA		RMA				IRA	
calculate probabilities and percentiles related to a general normal distribution.							IRMA	
distinguish differences in data analysis and interpretation between observational data and data from designed experiments.			I				IRMA	
calculate and interpret a confidence interval for a single parameter, using both large and small samples.	IRMA		IRMA				IRMA	
perform and interpret a test of hypotheses for a single parameter, using both large and small samples.	IRMA		IRMA				IRMA	
perform and interpret statistical inference on the difference of two parameters.	IRMA		IRMA				IRMA	
fit and interpret a simple linear regression model, including correlation and scatterplots.	IRMA		IRMA				IRMA	

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**Course: PHSC 105: General Physical Science**

*Curriculum Map*

<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.

<b>Course SLO: Students will be able to</b>								
demonstrate a knowledge of physics principles including: forces, light, motion, electricity, heat & conservation of energy, and the nature of matter.							I	I
demonstrate a knowledge of chemistry principles including: ionic & molecular nomenclature, the nature of the atom, bonding, energetics, and chemical reactions.							MA	R
analyze physics and chemistry problems, demonstrate problem solving skills, and be able to carry out calculations.			I					
demonstrate a knowledge of the formation and occurrence of rocks and minerals, the actions of streams, oceans, glaciers, and modification of the landscape through mountain building, earthquakes, and volcanoes.								
demonstrate proper laboratory techniques and safety practices.					I		MA	MA
effectively communicate laboratory findings through written laboratory reports.	IR		R					

AGS	AGS
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<b>Course: PHSC 106: Descriptive Astronomy</b>	<b>Curriculum Map</b>
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	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
identify the main contributions of Copernicus, Tycho, Galileo and Kepler.	MA	R	R	I	R			
state and apply Kepler laws of Planetary motion; Newton's and Universal laws of Gravitation	MA	R	R	I	R			
explain the design, function and types of Telescopes and also the significance of Astronomical Observations	MA	R	R	I	R		MA	MA
describe the scale, structure, and properties of Solar System, Asteroids, Meteors, Comets.	MA	R	R	I	R			
compare the structural properties of Earth and the Moon	MA	R	R	I	R			
compare & identify atmospheres & structural characteristics of Mercury, Venus, Earth and Mars	MA	R	R	I	R			
compare structure, properties, composition, similarities & differences among the four Jovian planets - Jupiter, Saturn, Uranus, and Neptune.	MA	R	R	I	R			
describe the measurement of Celestial objects and relative motions & phases of Earth, the Sun, and the Moon leading to eclipses	MA	R	R	I	R		MA	MA

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Course: PHYS 205: General Physics I	<i>Curriculum Map</i>							
Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
Course SLO: Students will be able to								
evaluate situations involving Physics I topics by choosing the appropriate conceptual frameworks.	IA	IA	IRA				IRA	IRA
recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Physics I topics.	IA	IA	IRA				IRA	IRA
think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Physics I topics, selecting relevant information, selecting an approach to solving the problem and carrying out the analysis needed to generate and communicate solution(s).	IA	IA	IRA				IRA	IRA
perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Physics I topics.	IA	IA	IRA				IRA	IRA

AGS	AGS
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<b>Course: PHYS 206: General Physics II</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
evaluate situations involving Physics II topics by choosing the appropriate conceptual frameworks.	IA	IA	IRA				IRA	IRA
recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Physics II topics.	IA	IA	IRA				IRA	IRA
think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Physics II topics, selecting relevant information, selecting an approach to solving the problem and carry out the analysis needed to generate and communicate solution(s).	IA	IA	IRA				IRA	IRA
perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Physics II topics.	IA	IA	IRA				IRA	IRA

AGS	AGS
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<b>Course: PHYS 207: Engineering Physics I</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
evaluate situations involving Engineering Physics I topics by choosing the appropriate conceptual frameworks.	IA	IA	IRMA				IRMA	IRAMA
recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Engineering Physics I topics.	IA	IA	IRMA				IRMA	IRAMA
think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Engineering Physics I topics, selecting relevant information, selecting an approach to solving the problem and carrying out the analysis needed to generate and communicate solution(s).	IA	IA	IRMA				IRMA	IRAMA
perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Engineering Physics I topics.	IA	IA	IRMA				IRMA	IRAMA



AGS	AGS
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<b>Course: PHYS 208: Engineering Physics II</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
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evaluate situations involving Engineering Physics II topics by choosing the appropriate conceptual frameworks.	IA	IA	IRMA				IRMA	IRMA
recall relevant physical models and to successfully apply these models using techniques of symbolic and numerical analysis in order to generate solutions to problems in Engineering Physics II topics.	IA	IA	IRMA				IRMA	IRMA
think critically by utilizing problem solving techniques to evaluate and analyze context rich, multi-step problems in Engineering Physics II topics, selecting relevant information, selecting an approach to solving the problem and carry out the analysis needed to generate and communicate solution(s).	IA	IA	IRMA				IRMA	IRMA
perform measurements using physical apparatus, analyze the collected data including appropriate treatment of errors and uncertainties, generate and communicate conclusions based on the data and analysis for experimental investigations in Engineering Physics II topics.	IA	IA	IRMA				IRMA	IRMA



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<b>Course: CSCI 110: Computer Concepts</b>	<i><b>Curriculum Map</b></i>
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<b>Program Outcomes</b>							
illustrate written communication skills.							
demonstrate oral communication skills.							
develop critical thinking skills.							
develop awareness of diversity.							
develop an awareness of social responsibility.							
apply tools, technologies, and methods common to the humanities & fine arts.							
apply tools, technologies, and methods common to the areas of mathematics and sciences.							
apply tools, technologies, and methods common across a variety of interrelated disciplines.							
<b>Course SLO: Students will be able to</b>							
identify the specifications and configurations of computer hardware							
identify the role of an operating system							
use the Internet to find information and determine its credibility							
use word processing software to create, edit and produce professional documents	IA						IRMA
create spreadsheets and charts for problem-solving			IA				
utilize a database							
use presentation software to create, edit and produce professional presentations		IA					IRMA
identify the ethical and social standards of conduct regarding the use of information and technology					I		
identify security threats and solutions							

AGS	AGS
AS	AS
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<b>Course: ECON 111: Economics: Macro</b>	<i>Curriculum Map</i>							
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
demonstrate the economic way of thinking including scarcity, opportunity cost, production possibility and marginal analysis	IR		IR	I	I			IA
utilize the supply and demand model to analyze market outcome	IR		IR		I			IA
apply the key macroeconomic indicators used to interpret the performance of the aggregate economy including output, price level, and employment.	IRA		IRA	IR	IR			IA
utilize economic models to explain changes in short-run fluctuations and long-term growth	IR		IR	IR	IR			
evaluate the impacts of fiscal policy on the macroeconomy	IR		I		I			IA
define money and banking, then evaluate the impacts on the monetary policy on the macroeconomy	IR		I					IA

AGS	AGS
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<b>Course: ECON 112: Economics Micro</b>	<i>Curriculum Map</i>							
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.

<b>Course SLO: Students will be able to</b>								
demonstrate the economic way of thinking including scarcity, opportunity cost, production possibility, and marginal analysis	IR		IR	I	I			IA
utilize the supply and demand model, including elasticity, to analyze market outcomes	IR		IR		I			IA
determine the functional relationships between production and costs	IR		IR					IA
compare and contrast the operation of different market structures.	IRA		IA		I			IA
identify the causes and explain effects of market failures.	IR		IR		I			IA

AGS	AGS
AS	AS
AA	

**Course: EDUC 110: Developmental Psychology**

***Curriculum Map***

<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
differentiate developmental theories and research methods.	I	I	IRA					
describe the social and emotional development throughout the life span.	I		IRA	IRA	I			IRMA
recognize cognitive and neurological development throughout the life span.	I		IRA					IRMA
identify physical development throughout the life span.	I		IRA					IRMA
analyze the processes of death and dying.	I		IRA	IRA	I			

AGS	AGS
AS	AS
AA	AA

**Course: HPER 106: Health Education**

*Curriculum Map*

Program Outcomes	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
Course SLO: Students will be able to								
gather, analyze and utilize information to make decisions that promote personal and community health and wellness.	IRMA	IRMA	IRMA	IRMA			IRMA	IRMA
differentiate among dimensions of wellness as they apply to overall health.	IRMA	IRMA	IRMA	IRMA			IRMA	IRMA
demonstrate the knowledge and skills for developing personal responsibility in health choices and quality of life.	IRMA	IRMA	IRMA	IRMA			IRMA	IRMA
recognize the importance of demographic diversity as it applies to health and wellness issues.	IRMA	IRMA	IRMA	IRMA			IRMA	IRMA







develop and solve mathematical models including variation, mixture, motion, work, and geometrical applications.			IRA					IRMA
graph linear inequalities.								IRA
graph quadratic functions.								IRA
determine an equation of a line given either sufficient information (two points) or a particular condition (perpendicular to a given line, parallel to a given line through a specific point, through a specific point with a given slope, etc.).								IRMA
calculate the distance between two points.								IRA
distinguish between functions and relations using the Vertical Line Test								
identify the domain and range of a function given its graph								

AGS	AGS
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<b>Course: POLS 104: Intro to Political Science</b>	<i>Curriculum Map</i>
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	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
exhibit an understanding of the meaning of politics	I	I	I		I			
explain the role of political systems in society	IR				I			
explain the nature and purpose of political science as a discipline	I	I	IR		IR	IRMA		
differentiate between the various sub-fields		I	IR	IR				
understand the ideas and concepts that shape the study of political science	I		IR	IR		IRMA		

AGS	AGS
AS	AS
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<b>Course: POLS 105: American Government</b>	<i>Curriculum Map</i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
identify, distinguish, and analyze the roles, powers, and relationships among the 3 branches of government.			I R		MA	IRMA		IRMA
identify forms of political participation, differentiate among organizations engaged in elections and analyze participation in US democracy.			IR		MA	IRMA		IRMA
understand and analyze how policy decisions are made and the impact of policy on the public.	I		R	R	MA	IRMA		IRMA
explain the origins and the evolution of US Constitutional Democracy.	I	I	R	R	MA	IRMA		IRMA

AGS	AGS
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<b>Course: SOCI 105: Intro to Anthropology</b>	<i>Curriculum Map</i>							
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
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<b>Course SLO: Students will be able to</b>								
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define and apply key anthropological concepts, including: culture, ethnocentrism, cultural relativism, and holism.	IRA		IRA	IRA	IRA			
describe key anthropological methods, such as: ethnographic fieldwork, interview techniques, and participant observation.	IRA	IRA	IRA	IRA	IRA			
define the concept of culture and discuss specific examples of how it is learned, shared and transmitted through symbolic systems including language.			IRA	IRA	IRA			IRMA
demonstrate knowledge of several cultural traditions through exposure to ethnographic analysis.			IRA	IRA	IRA			
identify and explain different anthropological perspectives on cultural change and continuity.			IRA	IRA	IRA			
identify ways in which different aspects of culture, including environment, economy, kinship, the arts, politics, religions and other belief systems, are interrelated and integrated in a cultural system.	IRA	IRA	IRA	IRA	IRA			IRMA
describe and give examples of the effects of colonialism and globalization on world cultures.			IRA	IRA	IRA			

AGS	AGS
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<b>Course: SOCI 210: Intro. to Social Work</b>	<i>Curriculum Map</i>
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<b>Program Outcomes</b>	illustrate written communication skills.	demonstrate oral communication skills.	develop critical thinking skills.	develop awareness of diversity.	develop an awareness of social responsibility.	apply tools, technologies, and methods common to the humanities & fine arts.	apply tools, technologies, and methods common to the areas of mathematics and sciences.	apply tools, technologies, and methods common across a variety of interrelated disciplines.
<b>Course SLO: Students will be able to</b>								
define & describe social work - what it is, what it does, and with whom, in what areas of human functioning, in what context, and with what focus.	IRA		I	I	I			
compare and contrast social work from other helping professions (e.g. psychology, applied sociology, psychiatry, etc.); professional social work from volunteer helping; profession from occupation; and social service organizations from other organizations.	IRA	IRA	IRA	IRA	IRA			IRMA
identify and critically examine the philosophical and historical roots of social work and social welfare.			IR					
identify common fields of generalist practice at the various levels of social work interventions (e.g. individuals, families, groups, organizations, and communities).	I							
identify the social work professional's core values and ethical principles and compare and contrast with the individual student's values and those values held in society (NASW Code of Ethics)			I	IRA	IRA			IRMA
identify core theories and research that guide social work and social welfare policies, frameworks, perspectives, and generalist practice methods.	I							
identify and examine social and economic justice issues addressed by the social work and social welfare profession, especially those related to poverty, inequality, racism, sexism, homophobia, ageism, and other forms of oppression at the micro, mezzo, and macro levels.	I	I	I	IRA	IR			