

THECB Core Exemplary Objectives/IDEA Student Ratings of Learning on Relevant Objectives Comparison Matrix

		Student Learning Outcome											
		Gaining factual knowledge (terminology, classification, methods, trends)	Learning fundamental principles, generalizations, or theories	Learning to apply course material (to improve thinking, problem solving, and decisions)	Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	Acquiring skills in working with others as a member of a team	Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.)	Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	Developing skill in expressing myself orally or in writing	Learning how to find and use resources for answering questions or solving problems	Developing a clearer understanding of, and commitment to, personal values	Learning to analyze and critically evaluate ideas, arguments, and points of view	Acquiring an interest in learning more by asking my own questions and seeking answers
Communication	To understand and demonstrate writing and speaking processes through invention, organization, drafting, revision, editing, and presentation						X		X			X	
	To understand the importance of specifying audience and purpose and to select appropriate communication choices								X			X	
	To understand and appropriately apply modes of expression, i.e., descriptive, expository, narrative, scientific, and self-expressive, in written, visual, and oral communication						X		X				
	To participate effectively in groups with emphasis on listening, critical and reflective thinking, and responding					X						X	
	To understand and apply basic principles of critical thinking, problem solving, and technical proficiency in the development of exposition and argument								X			X	
	To develop the ability to research and write a documented paper and/or to give an oral presentation								X	X		X	X

THECB Core Exemplary Objectives/IDEA Student Ratings of Learning on Relevant Objectives Comparison Matrix

		Student Learning Outcome											
		Gaining factual knowledge (terminology, classification, methods, trends)	Learning fundamental principles, generalizations, or theories	Learning to apply course material (to improve thinking, problem solving, and decisions)	Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	Acquiring skills in working with others as a member of a team	Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.)	Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	Developing skill in expressing myself orally or in writing	Learning how to find and use resources for answering questions or solving problems	Developing a clearer understanding of, and commitment to, personal values	Learning to analyze and critically evaluate ideas, arguments, and points of view	Acquiring an interest in learning more by asking my own questions and seeking answers
Mathematics	To apply arithmetic, algebraic, geometric, higher-order thinking, and statistical methods to modeling and solving real-world situations	X		X									
	To represent and evaluate basic mathematical information verbally, numerically, graphically, and symbolically	X											
	To expand mathematical reasoning skills and formal logic to develop convincing mathematical arguments			X								X	
	To use appropriate technology to enhance mathematical thinking and understanding and to solve mathematical problems and judge the reasonableness of the results			X						X			
	To interpret mathematical models such as formulas, graphs, tables, and schematics, and draw inferences from them	X	X	X						X			
	To recognize the limitations of mathematical and statistical models		X									X	
	To develop the view that mathematical is an evolving discipline, interrelated with human culture, and understand its connections to other disciplines							X					

THECB Core Exemplary Objectives/IDEA Student Ratings of Learning on Relevant Objectives Comparison Matrix

Student Learning Outcome

		Gaining factual knowledge (terminology, classification, methods, trends)	Learning fundamental principles, generalizations, or theories	Learning to apply course material (to improve thinking, problem solving, and decisions)	Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	Acquiring skills in working with others as a member of a team	Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.)	Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	Developing skill in expressing myself orally or in writing	Learning how to find and use resources for answering questions or solving problems	Developing a clearer understanding of, and commitment to, personal values	Learning to analyze and critically evaluate ideas, arguments, and points of view	Acquiring an interest in learning more by asking my own questions and seeking answers
Natural Sciences	To understand and apply method and appropriate technology to the study of natural sciences	X	X	X									
	To recognize scientific and quantitative methods and the differences between these approaches and other methods of inquiry and to communicate findings, analyses, and interpretation both orally and in writing	X		X					X				
	To identify and recognize the differences among competing scientific theories		X									X	
	To demonstrate knowledge of the major issues and problems facing modern science, including issues that touch upon ethics, values, and public policies							X			X		
	To demonstrate knowledge of the interdependence of science and technology and their influence on, and contribution to, modern cultural							X				X	

THECB Core Exemplary Objectives/IDEA Student Ratings of Learning on Relevant Objectives Comparison Matrix

		Student Learning Outcome											
		Gaining factual knowledge (terminology, classification, methods, trends)	Learning fundamental principles, generalizations, or theories	Learning to apply course material (to improve thinking, problem solving, and decisions)	Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	Acquiring skills in working with others as a member of a team	Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.)	Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	Developing skill in expressing myself orally or in writing	Learning how to find and use resources for answering questions or solving problems	Developing a clearer understanding of, and commitment to, personal values	Learning to analyze and critically evaluate ideas, arguments, and points of view	Acquiring an interest in learning more by asking my own questions and seeking answers
Humanities and Visual and Performing Arts	To demonstrate awareness of the scope and variety of works in the arts and humanities							X					
	To understand those works as expressions of individual and human values within an historical and social context							X					
	To respond critically to works in the arts and humanities											X	
	To engage in creative process or interpretive performance and comprehend the physical and intellectual demands required of the author or visual or performing artist						X	X					
	To articulate an informed personal reaction to works in the arts and humanities								X		X	X	
	To develop and appreciation for the aesthetic principles that guide or govern the humanities and arts								X				
	To demonstrate knowledge of the influence of literature, philosophy, and/or the arts on intercultural experiences								X			X	

THECB Core Exemplary Objectives/IDEA Student Ratings of Learning on Relevant Objectives Comparison Matrix

		Student Learning Outcome											
		Gaining factual knowledge (terminology, classification, methods, trends)	Learning fundamental principles, generalizations, or theories	Learning to apply course material (to improve thinking, problem solving, and decisions)	Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	Acquiring skills in working with others as a member of a team	Developing creative capacities (writing, inventing, designing, performing in art, music, drama, etc.)	Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	Developing skill in expressing myself orally or in writing	Learning how to find and use resources for answering questions or solving problems	Developing a clearer understanding of, and commitment to, personal values	Learning to analyze and critically evaluate ideas, arguments, and points of view	Acquiring an interest in learning more by asking my own questions and seeking answers
Social and Behavioral Sciences	To understand the evolution and current role of the U.S. in the world		X					X					
	To differentiate and analyze historical evidence (documentary and statistical) and differing points of view								X			X	
	To recognize and apply reasonable criteria for the acceptability of historical evidence and social research			X								X	
	To analyze , critically assess, and develop creative solutions to public policy problems								X			X	X
	To recognize and assume one's responsibility as a citizen in a democratic society by learning to think for oneself, by engaging in public discourse, and by obtaining information through the news media and other appropriate information sources about politics and public policy									X	X		X
	To identify and understand differences and commonalities within diverse cultures							X					