

eCore Outcome Assessment Matrix

Course-level outcomes relevant to each General Core area are mapped below. At the end of each semester, faculty report the percentage of students who meet, exceed, or fail to meet each outcome. Faculty are also given the opportunity to provide documented feedback on what teaching or course improvements should be made based on the outcomes. The eCore Dean and Associate Dean compile all data annually to provide overall assessment data for each area of the Core. These are reported to the eCore Subcommittee (representatives of each institution) for inclusion in college-wide outcome assessments.

CT=Critical Thinking GL=Global US= United States

A1. Communication	ENGL 1101 (CT)	ENGL 1102 (CT)
	Required	Required
1. Ability to assimilate, analyze, and present in oral and written forms a body of information. (CT)	X	X
2. Ability to adapt communication to circumstances and audience.	X	
3. Ability to produce communication that is stylistically appropriate and mature.	X	X
4. Ability to communicate in standard English for academic and professional contexts.	X	
5. Ability to compose effective written materials for various academic and professional contexts. (CT)		X
6. Ability to interpret content of written materials on related topics from various disciplines.		X

A2. Quantitative Skills	MATH 1101	MATH 1111	MATH 1113	MATH 1501
	Must Take Two			
1. Ability to model situations from a variety of settings in generalized mathematical forms.	X	X	X	X
2. Ability to express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical, and symbolic form while solving a variety of problems.	X	X	X	X
3. Ability to solve multiple-step problems through different (inductive, deductive, and symbolic) modes of reasoning.		X	X	X
4. Ability to shift among the verbal, numeric, graphical, and symbolic modes of considering relationships.		X	X	X

A2. Quantitative Skills	MATH 1101	MATH 1111	MATH 1113	MATH 1501
5. 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.		X	X	X

Area B: institutional Options	COMM 1100 (CT)	ETEC 1101				
1. Ability to properly use appropriate technology in the evaluation, analysis, and synthesis of information in problem-solving situations.		X				
2. Ability to communicate in various modes and media, including proper use of the appropriate technology.		X				
3. Ability to sustain a consistent purpose and point of view. (CT)	X					
4. Ability to interpret inferences and develop subtleties of symbolic and indirect discourse.	X					

Area C: Humanities, Fine Arts and Ethics	ENGL 2111	ENGL 2132	PHIL 1001 (CT)	SPAN 2001	SPAN 2002
	Must Take One	Must Take One			
1. Ability to recognize the fine, literary, and performing arts as expressions of human experience.	X	X			
2. Ability to make informed judgments about art forms from various cultures including one's own culture.	X	X			
3. Ability to discern the impact and role of artistic and literary achievement in society and one's personal life.	X	X			
4. Ability to critically analyze one's own culture.			X	X	X

Learning Outcomes

Area D:	CHEM 1211	CHEM 1212	GEOL 1011	PHYS 1211	ISCI 1211	Math from Area A	MATH 1401	MATH 1501
Non-Science Majors: Must take three, including at least two sciences* Science Majors: Must take three, including one science sequence and Math 1501*								
1. Ability to understand basic scientific principles, theories, and laws as they apply to all scientific disciplines.	X	X	X	X	X			
2. Ability to demonstrate knowledge in at least one area of science; ability to discern the role in and impact of science on society	X	X	X	X	X			
3. Ability to identify and properly use appropriate technologies for scientific inquiry and communication including collecting and analyzing scientific data.	X	X	X	X				
4. Ability to understand the physical universe and science's relationship to it.	X	X	X	X	X			
5. Ability to understand the changing nature of science. (CT)	X	X	X	X	X			
6. Ability to understand the scope and limits on the appropriateness of scientific inquiry to physical phenomena.	X	X	X	X				
7. Ability to demonstrate critical observation and analysis.	X	X	X	X	X	X		
8. Ability to apply mathematical principles to scientific inquiry, including the use of statistics and formulae to understand quantitative data.	X	X		X	X	X	X	X
9. Ability to employ quantitative reasoning appropriately while applying scientific methodology to explore nature and the universe.	X	X		X	X			
10. Ability to discern the impact of quantitative reasoning and mathematics on the sciences, society, and one's personal life.	X	X		X	X			

Area E: Social Sciences	POLS 1101 (US)	HIST 1111	HIST 2111 (US) (GL)	PSYC 1101	SOCI 1101
	Required	Required	Required	Must Take One	
1. Ability to relate local, national, and global social policy.	X	X	X		
2. Ability to describe how historical, economic, political, social, and spatial relationships develop, persist, and change.	X	X	X		
3. Ability to articulate the complexity of human behavior as functions of the commonality and diversity within groups.		X		X	X
4. Ability to identify and analyze both contemporary and historical perspectives on contemporary issues.		X	X	X	
5. Ability to relate the contributions of groups and individuals to the history of ideas and belief systems.			X		X
6. Ability to appreciate and respect diversity among people and recognize the roles various peoples played in their culture. (GL)			X		
7. Ability to consider and accommodate opposing points of view.	X				
8. Demonstrate knowledge of the historical background, foundations, origins, content, and application of the US Constitution and Bill of Rights. (US)	X				
9. Analyze the trials and contributions of the many cultures that make up American society. (US)			X		