# UTC GENERAL EDUCATION COMPETENCIES

## *I. OVERALL PROGRAM*

| **Competencies** | **Measures** |
|---|---|
| 1. Communicate effectively in both speech and in writing. | TBA |
| 2. Reason and think clearly. | TBA |
| 3. Employ qualitative and quantitative information to define and defend viewpoints, solve problems, and make decisions. | TBA |
| 4. Develop a comparative, historical, and global perspective on the diversity of human experience. | TBA |
| 5. Recognize important issues confronting human society and the human condition. | TBA |
| 6. Understand major scientific and technological influences on society. | TBA |
| 7. Recognize the contributions of collaborative and multidisciplinary approaches to intellectual investigation and problem solving. | TBA |

## *II. KNOWLEDGE AREAS/GENERAL EDUCATION CATEGORIES*

| **Knowledge Area/Gen Ed Category** | **Competencies (relevant overall competencies in parenthesis)** | **Measures** |
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| **Behavioral and social sciences** | Discuss how human beings function as individuals, citizens and members of groups using the major concepts and theories of at least one behavioral or social science (1, 2, 4, 5, 7). | Course embedded |
| | Evaluate theories, methods, findings, and applications of behavioral and social science research (2, 3, 4, 5, 7). | Course embedded |
| | Demonstrate how individuals and society are affected by the complexity and interdependencies of the contemporary world (1, 2, 3, 4, 6, 7). | |
| | Understand and apply the methods that scholars in the behavioral and social sciences use to study social phenomena (2, 3, 4, 6). | Course embedded |
| | Explain the broader social impact of behavioral and social scientific research (1, 2, 3, 4, 5, 7). | Course embedded |
| **CC: Western humanities** | Describe the great ideas, creative achievements, and modes of thinking in the western world (1, 2, 3, 4, 5). | Course embedded |
| | Analyze great works in the western artistic, literary, musical, philosophical, and religious traditions within their historical context (1, 2, 3, 4, 5, 7). | Course embedded |
| | Recognize the western tradition's contributions to the shaping of contemporary culture and society (2, 3, 4, 5, 7). | Course embedded |

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| **CC: Non-western cultures and civilizations** | Describe the major characteristics and achievements of one or more non-western cultures and civilizations within their historical context (1, 2, 3, 4, 5, 7). | Course embedded |
| | Demonstrate how the histories, philosophies, and religions of non-western cultures shaped the development of their political, social, economic, and aesthetic values (1, 2, 3, 4, 5, 7). | Course embedded |
| | Compare non-western and western world views, modes of thought, and forms of social and cultural practice (2, 3, 4, 5, 7). | Course embedded |
| **CC: World civilizations** | Describe major social, religious, political, economic, scientific/technological, and aesthetic developments in the world's history from both global-comparative and culturally-specific perspectives (1, 2, 3, 4, 5, 7). | Course embedded |
| | Demonstrate how change over time, contingency, and cause-and-effect relationships shape historical understanding (1, 2, 3, 4, 7). | Course embedded |
| | Examine how cross-cultural forces have influenced the evolution of the world's civilizations and explain how different cultures have responded to similar ideas, inventions, and institutions (1, 2, 3, 4, 5, 6, 7). | Course embedded. |
| **Humanities and fine arts** | Identify significant developments and achievements in the humanities and fine arts and place them in their historical context (1, 2, 3, 4, 5, 7). | Course embedded |
| | Explain the relationship between creative expression and human experience and recognize how this relationship has evolved over time (1, 2, 3, 4, 5, 7). | Course embedded |
| | Examine value and belief systems and explain their role in humanistic inquiry and expression (1, 2, 3, 4, 5, 7). | Course embedded |
| | Evaluate the meaning of significant events and creative works using forms of reasoning, analysis, and exposition appropriate to the humanities and fine arts (1, 2, 3, 4, 5, 7). | Course embedded |
| **Mathematics and statistics** | Employ quantitative concepts and methods to solve mathematical and statistical problems (1, 2, 3, 6, 7). | Course embedded/test? |
| | Construct and interpret mathematical and statistical models of real world and abstract phenomena (1, 2, 3, 5, 6, 7). | Course embedded/test? |
| | Communicate mathematical/statistical knowledge using appropriate notation and vocabulary (1, 2, 3, 6). | Course embedded/test? |
| | Recognize the limits of mathematical and statistical methods in evaluating human problems (1, 2, 3, 5, 6, 7). | Course embedded |
| **Natural sciences** | Identify and apply the theories and methods scientists use to explore natural phenomena (2, 3, 6, 7). | Course embedded |
| | Recognize and place in historical context the achievements of the human mind in comprehending the natural/physical world and the universe (1, 2, 3, 4, 5, 6, 7). | Course embedded |
| | Explain how creativity and logical reasoning influence the development of scientific knowledge (1, 2, 3, 5, 6, 7). | Course embedded |
| | Describe the strengths and limitations of empirical approaches to understanding and influencing the natural world (1, 2, 3, 6, 7). | Course embedded |
| | Discuss how scientific and technological developments have both benefited and created significant concerns for human society (1, 2, 3, 5, 6, 7). | Course embedded |

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| **Rhetoric and composition** | Recognize that writing always takes place within specific rhetorical situations (1, 2, 3). | Course embedded |
| | Compose and revise texts for a variety of purposes and audiences, employing standard documentation styles and Standard American English (1, 2, 3, 7). | Course embedded |
| | Conduct research, summarize and evaluate ideas, develop arguments, and organize supporting details (1, 2, 3, 7). | Course embedded |
| | Read accurately and critically, recognizing assumptions, implied statements, and differences between fact and opinion (1, 2, 3, 7). | Course embedded |