

Objectives and Component Area Mapping\*  
 Approved by UEAC 4.16.10 (Edits approved 9.24.10)

Foundational Component Areas	Critical Thinking	Communication Skills	Empirical & Quant Skills	Teamwork	Social Responsibility		Personal Responsibility
					Responsibility	Responsibility	
Communication	X	X	OPTIONAL	X	OPTIONAL	OPTIONAL	X
Mathematics	X	X	X	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
Life & Physical Sciences	X	X	X	X	OPTIONAL	OPTIONAL	OPTIONAL
Language, Philosophy, and Culture	X	X	OPTIONAL	OPTIONAL	X	OPTIONAL	OPTIONAL
Creative Arts	X	X	OPTIONAL	OPTIONAL	X	OPTIONAL	OPTIONAL
American History	X	X	OPTIONAL	OPTIONAL	X	OPTIONAL	X
Government/Political Science	X	X	OPTIONAL	X	X	OPTIONAL	OPTIONAL
Social/Behavioral Science	X	X	X	OPTIONAL	X	X	X
Institutional Option*	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL

X = required core objectives to be addressed in each course selected in the component area.

Optional = institution *may* include core objective for each course selected in the component area.

\* Institutional Option must contain a minimum of 3 Core Objectives selected by the institution.

UEAC core curriculum revision recommendations are not official until approved by the Coordinating Board. Current core curriculum standards apply.

## Proposed Core Objectives\*

UEAC 4.16.10

### **Critical thinking skills**

- ▶ to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information

### **Communication skills**

- ▶ to include effective written, oral, and visual communication

### **Empirical and Quantitative Skills**

- ▶ to include applications of scientific and mathematical concepts

### **Teamwork**

- ▶ to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal

### **Social responsibility**

- ▶ to include intercultural competency, civic knowledge, and the ability to engage effectively in regional, national and global communities

### **Personal Responsibility**

- ▶ to include the ability to connect choices, actions and consequences to ethical decision-making

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Recommended Component Area Definitions  
Approved by UEAC 9.24.10

**Communication** focuses on developing and expressing ideas clearly, fostering understanding, and the potential for effecting change.

Courses involve the command of oral, aural, written, and visual skills that enable people to exchange messages appropriate to the subject, occasion, and audience.

The core objectives of critical thinking skills, communication skills, teamwork, and personal responsibility are addressed by each course in this component area.

**Mathematics** focuses on quantitative literacy in logic, patterns, and relationships.

Courses involve the understanding of key mathematical concepts and the application of appropriate mathematical tools to the everyday experience.

The core objectives of critical thinking skills, communication skills, and empirical and quantitative skills are addressed by each course in this component area.

**Life and physical sciences** focus on describing, explaining, and predicting natural phenomena using the scientific method.

Courses involve the understanding of interactions among natural phenomena and the implications of scientific principles on human experiences.

The core objectives of critical thinking skills, communication skills, empirical and quantitative skills, and teamwork are addressed by each course in this component area.

**Language, Philosophy, and Culture** focuses on how ideas and values reflect and impact human experience.

Courses involve the exploration of ideas that foster aesthetic and intellectual creation in order to understand the human condition across cultures.

The core objectives of critical thinking skills, communication skills, and social responsibility are addressed by each course in this component area.

**Creative Arts** focus on the appreciation and analysis of creative artifacts and works of the human imagination.

Courses involve the synthesis and interpretation of artistic expression and enable critical, creative, and innovative communication about works of art.

The core objectives of critical thinking skills, communication skills, and social responsibility are addressed by each course in this component area.

Recommended Component Area Definitions  
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**American History** focuses on the consideration of past events relative to the United States, with the option of including Texas history for a portion of this component area.

Courses involve the interaction among individuals, communities, states, the nation, and the world, considering how these interactions have contributed to the development of the United States and its global role.

The core objectives of critical thinking skills, communication skills, social responsibility, and personal responsibility are addressed by each course in this component area.

**Government/Political Science** focuses on consideration of the Constitution of the United States and the constitutions of the states with special emphasis on that of Texas.

Courses involve the analysis of governmental institutions, political behavior, civic engagement, and their political and philosophical foundations.

The core objectives of critical thinking skills, communication skills, teamwork, and social responsibility are addressed by each course in this component area.

**Social and behavioral sciences** focus on the convergence of science and what makes us human.

Courses involve the exploration of behavior and interactions among individuals, groups, institutions, and events, examining their impact on society and culture.

The core objectives of critical thinking skills, communication skills, empirical and quantitative skills, social responsibility, and personal responsibility are addressed by each course in this component area.

**Institutional option** must include minimum of three Core Objectives in each selected course, may be used in various SCH increments (examples include integrative learning, oral communication, foreign language, science labs, etc.) or for component area completion.