Adopted by the AECT Board of Directors, July 16, 2012

AECT Standards, 2012 version

AECT Standard 1 - Content Knowledge

AECT Standard 1 (Content Knowledge): Candidates demonstrate the knowledge necessary to create, use, assess, and manage theoretical and practical applications of educational technologies and processes.

Indicators:
- **Creating** - Candidates demonstrate the ability to create instructional materials and learning environments using a variety of systems approaches. (p. 81)
- **Using** - Candidates demonstrate the ability to select and use technological resources and processes to support student learning and to enhance their pedagogy. (p. 141)
- **Assessing/Evaluating** - Candidates demonstrate the ability to assess and evaluate the effective integration of appropriate technologies and instructional materials.
- **Managing** - Candidates demonstrate the ability to effectively manage people, processes, physical infrastructures, and financial resources to achieve predetermined goals. (p. 178)
- **Ethics** - Candidates demonstrate the contemporary professional ethics of the field as defined and developed by the Association for Educational Communications and Technology. (p. 284)

AECT Standard 2 - Content Pedagogy

AECT Standard 2 (Content Pedagogy): Candidates develop as reflective practitioners able to demonstrate effective implementation of educational technologies and processes based on contemporary content and pedagogy.

Indicators:
- **Creating -** Candidates apply content pedagogy to create appropriate applications of processes and technologies to improve learning and performance outcomes. (p. 1)
- **Using** - Candidates implement appropriate educational technologies and processes based on appropriate content pedagogy. (p. 141)
- **Assessing/Evaluating** - Candidates demonstrate an inquiry process that assesses the adequacy of learning and evaluates the instruction and implementation of educational technologies and processes (p. 116-117) grounded in reflective practice.
- **Managing** - Candidates manage appropriate technological processes and resources to provide supportive learning communities, create flexible and diverse learning environments, and develop and demonstrate appropriate content pedagogy. (p. 175-193)
- **Ethics** - Candidates design and select media, technology, and processes that emphasize the diversity of our society as a multicultural community. (p. 296)

AECT Standard 3 - Learning Environments

AECT Standard 3 (Learning Environments): Candidates facilitate learning (p. 41) by creating, using, evaluating, and managing effective learning environments. (p. 1)

Indicators:
- **Creating** - Candidates create instructional design products based on learning principles and research-based best practices. (pp. 8, 243-245, 246)
- **Using** - Candidates make professionally sound decisions in selecting appropriate processes and resources to provide optimal conditions for learning (pp. 122, 169) based on principles, theories, and effective practices. (pp. 8-9, 168-169, 246)
- **Assessing/Evaluating** - Candidates use multiple assessment strategies (p. 53) to collect data for informing decisions to improve instructional practice, learner outcomes, and the learning environment. (pp. 5-6)
- **Managing** - Candidates establish mechanisms (p. 190) for maintaining the technology infrastructure (p. 234) to improve learning and performance. (p. 238)
- **Ethics** - Candidates foster a learning environment in which ethics guide practice that promotes health, safety, best practice (p. 246), and respect for copyright, Fair Use, and appropriate open access to resources. (p. 3)
- **Diversity of Learners** - Candidates foster a learning community that empowers learners with diverse backgrounds, characteristics, and abilities. (p. 10)

AECT Standard 4 - Professional Knowledge and Skills

AECT Standard 4 (Professional Knowledge and Skills): Candidates design, develop, implement, and evaluate technology-rich learning environments within a supportive community of practice.

Indicators:
- **Collaborative Practice** - Candidates collaborate with their peers and subject matter experts to analyze learners, develop and design instruction, and evaluate its impact on learners.
- **Leadership** - Candidates lead their peers in designing and implementing technology-supported learning.
- **Reflection on Practice** - Candidates analyze and interpret data and artifacts and reflect on the effectiveness of the design, development and implementation of technology-supported instruction and learning to enhance their professional growth.
- **Assessing/Evaluating** - Candidates design and implement assessment and evaluation plans that align with learning goals and instructional activities.
- **Ethics** - Candidates demonstrate ethical behavior within the applicable cultural context during all aspects of their work and with respect for the diversity of learners in each setting.

AECT Standard 5 - Research

AECT Standard 5 (Research): Candidates explore, evaluate, synthesize, and apply methods of inquiry to enhance learning (p. 4) and improve performance (pp. 6-7).

Indicators:
- **Theoretical Foundations** - Candidates demonstrate foundational knowledge of the contribution of research to the past and current theory of educational communications and technology. (p. 242)
- **Method** - Candidates apply research methodologies to solve problems and enhance practice. (p. 243)
- **Assessing/Evaluating** - Candidates apply formal inquiry strategies in assessing and evaluating processes and resources for learning and performance. (p. 203)

- **Ethics** - Candidates conduct research and practice using accepted professional (p. 296) and institutional (p. 297) guidelines and procedures.

NOTE: Parenthetical page references are to *Educational Technology: A Definition with Commentary* (2008, A. Januszewski & M. Molenda, Eds., Lawrence Erlbaum Assoc.)

This matrix is a second way to think of how the *Indicators* cut across the **Standards**:

	Standard 1 Content Knowledge	**Standard 2 Content Pedagogy**	**Standard 3 Learning Environments**	**Standard 4 Professional Knowledge & Skills**	**Standard 5 Research**
Creating	X	X	X		
Using	X	X	X		
Assessing/Evaluating	X	X	X		X
Managing	X	X	X	X	
Ethics	X	X	X	X	X
Diversity of Learners			X		
Collaborative Practice				X	
Leadership				X	
Reflection on Practice				X	
Theoretical Foundations					X
Method					X