

Association for Educational Communications and Technology

Instructional Competencies Chart

COMPETENCIES	Applicable Courses	Proficient in Practice	Developing	Not Proficient	Not Addressed
STANDARD 1: Content Knowledge		Create, use, assess, and manage theoretical and practical applications of educational technologies and processes.			
Create instructional materials and learning environments using a variety of systems approaches.	EDIT 704 EDIT 705 EDIT 730 EDIT 575	X			
Select and use technological resources and processes to support student learning and to enhance their pedagogy.	EDIT 704 EDIT 705 EDIT 730 EDIT 575	X			
Assess and evaluate the effective integration of appropriate technologies and instructional materials.	EDIT 573	X			
Effectively manage people, processes, physical infrastructures, and financial resources to achieve predetermined goals.	EDIT 573		X		
Demonstrate the contemporary professional ethics of the field as defined and developed by the Association for Educational Communications and Technology.	EDIT 590	X			
STANDARD 2: Content Pedagogy		Reflective practitioners able to demonstrate effective implementation of educational technologies and processes based on contemporary content and pedagogy.			
Apply content pedagogy to create appropriate applications of processes and technologies to improve learning and performance outcomes.	EDIT 704 EDIT 705 EDIT 730 EDIT 575	X			
Implement appropriate educational technologies and processes based on appropriate content pedagogy.	EDIT 704 EDIT 705 EDIT 730 EDIT 575	X			
Demonstrate an inquiry process that assesses the adequacy of learning and evaluates the instruction and implementation of educational technologies and processes.	EDIT 573 EDIT 590	X			

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Manage appropriate technological processes and resources to provide supportive learning communities, create flexible and diverse learning environments, and develop appropriate content pedagogy.	EDIT 573 EDIT 704 EDIT 705 EDIT 730 EDIT 575		X		
Design and select media, technology, and processes that emphasize the diversity of our society as a multicultural community.					X
STANDARD 3: Learning Environments	Facilitate learning by creating, using, evaluating, and managing effective learning environments.				
Create instructional design products based on learning principles and research-based best practices.	EDIT 704 EDIT 705 EDIT 730 EDIT 590	X			
Make professionally sound decisions in selecting appropriate processes and resources to provide optimal conditions for learning based on principles, theories, and effective practices.	EDIT 704 EDIT 705 EDIT 730 EDIT 590		X		
Use multiple assessment strategies to collect data for informing decisions to improve instructional practice, learner outcomes, and the learning environment.	EDIT 573 EDIT 590		X		
Establish mechanisms for maintaining the technology infrastructure to improve learning and performance.	EDIT 573 EDIT 575			X	
Foster a learning environment in which ethics guide practice that promotes health, safety, best practice, and respect for copyright, Fair Use, and appropriate open access to resources.	EDIT 704 EDIT 705 EDIT 730 EDIT 590 EDIT 573		X		
Foster a learning community that empowers learners with diverse backgrounds, characteristics, and abilities.					X
STANDARD 4: Professional Knowledge and Skills	Design, develop, implement, and evaluate technology-rich learning environments within a supportive community of practice.				
Collaborate with their peers and subject matter experts to analyze learners, develop and design instruction, and evaluate its impact on learners.	EDIT 704 EDIT 705 EDIT 730 EDIT 573	X			

Lead their peers in designing and implementing technology-supported learning.	EDIT 704 EDIT 705 EDIT 730 EDIT 575		X		
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.	EDIT 590 EDIT 573		X		
Design and implement assessment and evaluation plans that align with learning goals and instructional activities.	EDIT 704 EDIT 705 EDIT 730	X			
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.	EDIT 704 EDIT 705 EDIT 730 EDIT 573 EDIT 590				X
STANDARD 5: Research	Explore, evaluate, synthesize, and apply methods of inquiry to enhance learning and improve performance.				
Demonstrate foundational knowledge of the contribution of research to the past and current theory of educational communications and technology.	EDIT 704 EDIT 705 EDIT 730 EDIT 590	X			
Apply research methodologies to solve problems and enhance practice.	EDIT 704 EDIT 705 EDIT 730 EDIT 590	X			
Apply formal inquiry strategies in assessing and evaluating processes and resources for learning and performance.	EDIT 573 EDIT 590		X		
Conduct research and practice using accepted professional and institutional guidelines and procedures.	EDIT 704 EDIT 705 EDIT 730 EDIT 590 EDIT 573		X		

[AECT Standards](http://aect.site-ym.com/?documents) were accessed from the AECT website, <http://aect.site-ym.com/?documents> on Oct 10, 2014.