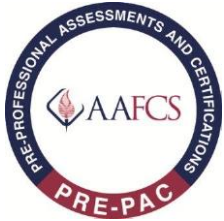# Pre-Professional Assessment & Certification in Education Fundamentals
Alignment to the 21st Century Student Outcomes developed by the Partnership for 21st Century Skills

Core Subjects and 21st Century Themes
Learning and Innovation Skills
Information, Media, and Technology Skills
Life and Career Skills

	Core Subjects	Global Awareness	Financial, Economic, Business, Entrepreneurial Literacy	Civic Literacy	Health Literacy	Environmental Literacy	Creativity & Innovation	Critical Thinking & Problem Solving	Communication & Collaboration	Information, Media, & Technology Skills*	Flexibility & Adaptability	Initiative & Self-Direction	Social & Cross-Cultural Skills	Productivity & Accountability	Leadership & Responsibility
The Teaching Profession															
1A. Examine roles, functions, and education and training requirements of individuals engaged in education careers			✓						✓						
1B. Explain personal characteristics, abilities, knowledge, and skills needed to work in education careers							✓		✓			✓	✓		✓
1C. Understand ethical and legal standards and principles that impact education careers			✓	✓					✓					✓	✓
1D. Recognize the symptoms of child abuse and neglect and the appropriate reporting protocol				✓	✓				✓	✓					✓
1E. Examine the historical and contemporary significance of education in society	✓		✓							✓					
The Learner and the Learning Process															
2A. Apply learning theories and principles to learners								✓		✓					
2B. Examine how effective teaching practices accommodate learning styles, learning differences, and special needs							✓	✓	✓	✓	✓				
2C. Explain how language, culture, and educational background affect learning and schools		✓			✓								✓		
2D. Examine physical, emotional, social, and intellectual development of children and adolescents	✓				✓				✓	✓					
2E. Determine management strategies that promote positive student behavior while engaging students in learning							✓	✓	✓						✓
2F. Explain how schedules, activities, routines, and transitions promote learning								✓				✓			✓

Core Subjects and 21st Century Themes (green)
Learning and Innovation Skills (yellow)
Information, Media, and Technology Skills (purple)
Life and Career Skills (red)

		Core Subjects	Global Awareness	Financial, Economic, Business, Entrepreneurial Literacy	Civic Literacy	Health Literacy	Environmental Literacy	Creativity & Innovation	Critical Thinking & Problem Solving	Communication & Collaboration	Information, Media, & Technology Skills*	Flexibility & Adaptability	Initiative & Self-Direction	Social & Cross-Cultural Skills	Productivity & Accountability	Leadership & Responsibility
Planning Instruction																
3A.	Describe curriculum and instruction models	✓						✓	✓		✓					
3B.	Establish instructional goals that are developmentally appropriate				✓				✓				✓		✓	
3C.	Develop organizational and managerial skills that enhance professionalism			✓					✓		✓	✓			✓	✓
3D.	Utilize relevant standards in instructional planning and assessment	✓		✓	✓			✓		✓	✓					
3E.	Apply principles and elements of effective instruction and assessment							✓	✓	✓	✓					
Learning Environment																
4A.	Determine classroom management procedures that support learning				✓				✓	✓			✓	✓		✓
4B.	Analyze how materials, furnishings, and other resources create safe and effective instructional environments			✓		✓	✓				✓				✓	
Assessment and Instructional Strategies																
5A.	Examine how a variety of teaching strategies impact student learning							✓	✓	✓	✓	✓				✓
5B.	Examine purposes of and apply techniques for assessing student learning				✓			✓			✓					✓
5C.	Summarize how assessment is integrated into teaching and learning								✓		✓				✓	
5D.	Understand how learner feedback guides instruction									✓			✓			
5E.	Integrate technology as a tool for instruction, evaluation, and management										✓				✓	
5F.	Demonstrate discussion and questioning techniques that promote critical thinking and problem solving							✓	✓					✓		