



July 2009

## CROSSWALK TO MoSTEP and MISSOURI SHOW-ME STANDARDS

**ACADEMIC FOUNDATIONS: *ACHIEVE ADDITIONAL ACADEMIC KNOWLEDGE AND SKILLS REQUIRED TO PURSUE THE FULL RANGE OF CAREER AND POSTSECONDARY EDUCATION OPPORTUNITIES WITHIN A CAREER CLUSTER. (EDC01)***

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Describe the historic and current purposes of education for individuals, groups, and society.</b> EDC01.03		
<b>Describe the use of developmental theory to enhance learner achievement.</b> EDC01.01	MoSTEP 1.2.1.3 – uses students’ prior knowledge when identifying learning objectives and choosing instructional strategies. MoSTEP 1.2.1.4 – engages students in the methods of inquiry used in the discipline. MoSTEP 1.2.2.1 – knows and identifies child/adolescent development. MoSTEP 1.2.2.4 – knows theories of learning. MoSTEP 1.2.3.1 – identifies prior experience, learning styles, strengths, and needs.	
<b>Apply basic theories of educational psychology to enhance student learning.</b> EDC01.01	MoSTEP 1.2.2.4 – knows theories of learning. MoSTEP 1.2.3.2 – designs and implements individualized instruction for students based on their prior experience, learning styles, strengths, and needs. MoSTEP 1.2.6.1 – knows motivation theories and behavior management strategies and techniques.	
<b>Explain and apply a variety of instructional models to enhance learning achievement.</b> EDC01.05	MoSTEP 1.2.1.5 – creates interdisciplinary learning. MoSTEP 1.2.5.1 – selects and creates learning experiences that are appropriate for curriculum goals, relevant to learners, and based upon principles of effective instruction (e.g. encourages exploration and problem solving, building new skills from those previously acquired) MoSTEP 1.2.6.1 – knows motivation theories and behavior management strategies and techniques.	
<b>Describe sociological factors that impact learning.</b> EDC01.02	MoSTEP 1.2.2.1 – knows and identifies child/adolescent development. MoSTEP 1.2.3.4. – connects instruction to students’ prior experiences and family, culture, and community.	



July 2009

**COMMUNICATIONS: *Use oral and written communication skills in creating, expressing and interpreting information and ideas including technical terminology and information. (EDC02)***

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Write effectively (i.e., grammar, spelling, structure) for a variety of audiences, purposes and contexts.</b> EDC02.03	MoSTEP 1.2.7.1. – models effective verbal/non-verbal communication skills.	In Communication Arts, students in Missouri public schools will acquire a solid foundation which includes knowledge of and proficiency in speaking and writing standard English (including grammar, usage, punctuation, spelling, capitalization); and writing formally (such as reports, narratives, essays) and informally (such as outlines, notes) Goal 2 – 1. plan and make written, oral and visual presentations for a variety of purposes and audiences.
<b>Deliver formal and informal presentations that demonstrate organization and delivery skills.</b> EDC02.01	MoSTEP 1.2.1.2 – presents the subject matter in multiple ways. MoSTEP 1.2.7.1. – models effective verbal/non-verbal communication skills. MoSTEP 1.2.7.4 – uses a variety of media communication tools.	In Communication Arts, students in Missouri public schools will acquire a solid foundation which includes knowledge of and proficiency in participating in formal and informal presentation and discussions of issues and ideas. Goal 2- 1. plan and make written, oral and visual presentations for a variety of purposes and audiences.
<b>Listen and speak effectively to contribute to group discussions and meetings.</b> EDC02.02	MoSTEP 1.2.7.1 – models effective verbal/non-verbal communication skills.	Goal 2-2. review and review communication to improve accuracy and clarity. Goal 2-3. exchange information, questions, and ideas while recognizing the perspectives of others.
<b>Practice the use of clear verbal directions.</b> EDC02.01	MoSTEP 1.2.7.1 – models effective verbal/non-verbal communication skills.	In Communication Arts, students in Missouri public schools will acquire a solid foundation which includes knowledge or and proficiency in speaking and writing standard English (including grammar, usage, punctuation, spelling, capitalization)
<b>Utilize questioning skills to enhance instruction and learner achievement.</b> EDC02.02		
<b>Apply active listening skills to enhance communication with learners.</b> EDC02.02	MoSTEP 1.2.5.2 – engages students in active learning that promotes the development of critical thinking, problem solving, and performance capabilities. MoSTEP 1.2.7.1 – models effective verbal/non-verbal communication skills.	Goal 2-2. review and revise communications to improve accuracy and clarity. Goal 2-3. exchange information, questions, and ideas while recognizing the perspectives of others.
<b>Use knowledge of reading strategies in the content area to enhance learner achievement.</b> EDC02.04	MoSTEP 1.2.5.1 – selects alternative teaching strategies, materials, and technology to achieve multiple instructional purposes and to meet student needs.	Goal 3-7. evaluate the extent to which a strategy addresses the problem.



July 2009

**Education and Training Career Cluster  
Teaching and Training Career Pathway**

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Recognize cultural differences and other barriers in communication and learning.</b> EDC02.01	MoSTEP 1.2.1.2 – presents the subject matter in multiple ways. MoSTEP 1.2.1.3 – uses students’ prior knowledge when identifying learning objectives and choosing instructional strategies. MoSTEP 1.2.3.2.-- designs and implements individualized instruction for students based on their prior experience, learning styles, strengths, and needs.	
<b>Demonstrate the use of motivational and engaging communication to provide information and discussion.</b> EDC02.01	MoSTEP 1.2.7.1 – models effective verbal/non-verbal communication skills. MoSTEP 1.2.7.4 – uses a variety of media communication tools.	Goal 2-2. review and revise communications to improve accuracy and clarity. Goal 2-3. exchange information, questions and ideas, while recognizing the perspectives of others.



July 2009

**PROBLEM-SOLVING AND CRITICAL THINKING: SOLVE PROBLEMS USING CRITICAL THINKING SKILLS (ANALYZE, SYNTHESIZE, AND EVALUATE) INDEPENDENTLY AND IN TEAMS. SOLVE PROBLEMS USING CREATIVITY AND INNOVATION. (EDC03)**

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Use critical analysis to evaluate and respond to educational perspectives, policies and procedures.</b> EDC03.02		Goal 3-1. identify problems and define their scope and elements.
<b>Frame, analyze and synthesize information in order to solve problems independently or in teams.</b> EDC03.01		Goal 3-1. identify problems and define their scope and elements. Goal 3-6. examine problems and proposed solutions from multiple perspectives. Goal 3-7. evaluate the extent to which a strategy addresses the problem. Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Apply research strategies to investigate issues, topics, and problems.</b> EDC03.01		Goal 3-1. identify problems and define their scope and elements. Goal 3-6. examine problems and proposed solutions from multiple perspectives.
<b>Utilize conflict resolution strategies.</b> EDC03.01		Goal 2-3. exchange information, questions, and ideas while recognizing the perspectives of others.



July 2009

**INFORMATION TECHNOLOGY APPLICATIONS: *USE INFORMATION TECHNOLOGY TOOLS SPECIFIC TO THE CAREER CLUSTER TO ACCESS, MANAGE, INTEGRATE, AND CREATE INFORMATION. (EDC04)***

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Demonstrate use of multiple technologies to access, manage, and evaluate data to enhance instruction and learner achievement.</b>		Goal 1-4. use technological tools and other resources to locate, select and organize information. Goal 2-7. use technological tools to exchange information and ideas.
<b>Demonstrate the use of multiple technologies for communication and collaboration with students, parents, administrators and community.</b>		Goal 2-7. use technological tools to exchange information and ideas. Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Use existing and emerging technologies to enhance instruction and learner achievement.</b>		Goal 1-4. use technological tools and other resources to locate, select and organize information. Goal 2-7. use technological tools to exchange information and ideas.



July 2009

**SYSTEMS:** *UNDERSTAND ROLES WITHIN TEAMS, WORK UNITS, DEPARTMENTS, ORGANIZATIONS, INTER-ORGANIZATIONAL SYSTEMS, AND THE LARGER ENVIRONMENT. IDENTIFY HOW KEY ORGANIZATIONAL SYSTEMS AFFECT ORGANIZATIONAL PERFORMANCE AND THE QUALITY OF PRODUCTS AND SERVICES. UNDERSTAND GLOBAL CONTEXT OF INDUSTRIES AND CAREERS. (EDC05)*

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
Describe the organizational structures of education and training systems. EDC05.01		
Identify systems that deliver education and training (i.e. public, private, virtual, etc.) EDC05.01		
Describe the impact different educational system models have on student learning. EDC05.02		



July 2009

**SAFETY, HEALTH AND ENVIRONMENTAL: UNDERSTAND THE IMPORTANCE OF HEALTH, SAFETY, AND ENVIRONMENTAL MANAGEMENT SYSTEMS IN ORGANIZATIONS AND THEIR IMPORTANCE TO ORGANIZATIONAL PERFORMANCE AND REGULATORY COMPLIANCE. FOLLOW ORGANIZATIONAL POLICIES AND PROCEDURES AND CONTRIBUTE TO CONTINUOUS IMPROVEMENT IN PERFORMANCE AND COMPLIANCE. (EDC06)**

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
Apply safety standards in accordance with applicable regulations, health standards and organizational policies. EDC06.01		Goal 4-7. identify and apply practices that preserve and enhance the safety and health of self and others.
Evaluate and control risks to safety, health, and the environment in learning settings. EDC.06.01		Goal 4-7. identify and apply practices that preserve and enhance the safety and health of self and others.
Describe how to create an emotionally and physically safe learning environment for all students. EDC10.04		Goal 4-7. identify and apply practices that preserve and enhance the safety and health of self and others.
Identify school employees’ responsibilities for the health, safety and welfare of students. EDC06.01		Goal 4-7. identify and apply practices that preserve and enhance the safety and health of self and others.
Explain emergency response plans. EDC06.01		Goal 4-7. identify and apply practices that preserve and enhance the safety and health of self and others.



July 2009

**LEADERSHIP, TEAMWORK AND PROFESSIONALISM: USE LEADERSHIP, TEAMWORK, AND COLLABORATIVE SKILLS TO ENHANCE INSTRUCTION, LEARNER ACHIEVEMENT, AND PROFESSIONAL PRACTICE. (EDC07)**

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Construct a personal philosophy of education.</b>		
<b>Demonstrate knowledge of group processes and skills for working collaboratively to enhance professional practice. EDC07.02</b>	MoSTEP 1.2.9.2 uses resources available for professional development.	Goal 2-3. exchange information, questions and ideas while recognizing the perspectives of others. Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Illustrate project and strategic planning skills within an educational and training setting to enhance professional practice. EDC07.01</b>		Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Exhibit professionalism in an education and training setting. EDC07.01; EDC08.01</b>	MoSTEP 1.2.9.2 uses resources available for professional development. MoSTEP 1.2.9.3. practices professional ethics.	
<b>Demonstrate the skills needed to work within multicultural environments including respect for students’ diverse cultures, language skills, experiences and abilities. EDC07.02; EDC08.02</b>	MoSTEP 1.2.10.2 talks and listens to students, is sensitive and responsive to signs of distress, and seeks appropriate help as needed to solve students’ problems. MoSTEP 1.2.10.3. identifies and uses the appropriate school personnel and community resources to help students reach their full potential.	Goal 2-3. exchange information, questions and ideas while recognizing the perspectives of others. Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Participate in professional student organizations. (e.g., FCCLA, FTA, or FEA) to improve knowledge and skills.</b>	MoSTEP 1.2.9.2 uses resources available for professional development.	





July 2009

**ETHICS AND LEGAL RESPONSIBILITIES: *KNOW AND UNDERSTAND THE IMPORTANCE OF PROFESSIONAL ETHICS AND LEGAL RESPONSIBILITIES. (EDC08)***

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Analyze and explain ethical and legal boundaries of professional practice in learning settings to enhance professionalism in education and training. EDC08.01</b>	MoSTEP 1.2.9.3 – practices professional ethics.	Goal 4-4. recognize and practice honesty and integrity in academic work and in the workplace.
<b>Identify and demonstrate an understanding of professional codes of ethics and conduct. EDC08.01</b>	MoSTEP 1.2.9.3 – practices professional ethics.	Goal 4-4. recognize and practice honesty and integrity in academic work and in the workplace.
<b>Recognize the legal definitions and characteristics of gifted students, students with disabilities and at-risk students. EDC08.01; EDC08.02</b>	MoSTEP 1.2.1.2 – presents the subject matter in multiple ways. MoSTEP 1.2.3.3 – knows when and how to access specialized services to meet student’s needs. MoSTEP 1.2.4.3 -- creates lessons and activities that recognize individual needs of diverse learners and variations in learning styles and performance.	
<b>Describe the legal implications and processes (E.g. FERPA) for communicating student’s progress with the student, parents, and colleagues. EDC08.03</b>	MoSTEP 1.2.9.3.-- practices professional ethics.	Goal 2-3. exchange information, questions and ideas while recognizing the perspectives of others. Goal 4-4. recognize and practice honesty and integrity in academic work and in the workplace. Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Promote and model digital etiquette and responsible social interaction related to the use of technology and information. EDC08.03</b>	MoSTEP 1.2.9.3.-- practices professional ethics.	Goal 2-7. use technological tools to exchange information and ideas. Goal 4-4. recognize and practice honesty and integrity in academic work and in the workplace



July 2009

## Education and Training Career Cluster Teaching and Training Career Pathway

### EMPLOYABILITY AND CAREER DEVELOPMENT: *KNOW AND UNDERSTAND THE IMPORTANCE OF EMPLOYABILITY SKILLS. EXPLORE, PLAN, AND EFFECTIVELY MANAGE CAREERS. KNOW AND UNDERSTAND THE IMPORTANCE OF ENTREPRENEURSHIP SKILLS. (EDC09)*

CORE COMPETENCIES Teaching and Training Pathway Alignment	MoSTEP STANDARDS “The preservice teacher...”	MISSOURI SHOW-ME STANDARDS “Students will demonstrate within and integrate across all content areas the ability to...”
Identify career opportunities at the local, state, and national levels to plan for a career in education and training. EDC09.01		Goal 4-8. explore, prepare for and seek educational and job opportunities.
Explore educational teaching pathways (i.e., pre-school, elementary school, middle school, high school, special education, and career-technical education). EDC09.01		Goal 4-8. explore, prepare for and seek educational and job opportunities.
Identify specific requirements to become a certified teacher or a paraprofessional in a chosen area and level of education. EDC09.01		Goal 4-8. explore, prepare for and seek educational and job opportunities.
Identify and explain the benefits of participating in professional organizations. EDC09.01	MoSTEP 1.2.9.2 -- uses resources available for professional development.	Goal 2-3. exchange information, questions and ideas while recognizing the perspectives of others.
Generate a plan for personal and professional learning. EDC09.01	MoSTEP 1.2.9.2 -- uses resources available for professional development.	
Establish a professional work portfolio documenting technical knowledge, skills, and leadership activities. EDC09.01	MoSTEP 1.2.9.2 -- uses resources available for professional development.	Goal 2-1. plan and make written, oral and visual presentations for a variety of purposes and audiences.



July 2009

**TECHNICAL SKILLS: USE THE TECHNICAL KNOWLEDGE AND SKILLS REQUIRED TO PURSUE THE TARGETED CAREERS FOR THE TEACHING AND TRAINING PATHWAY. (EDC10)**

<b>CORE COMPETENCIES</b> Teaching and Training Pathway Alignment	<b>MoSTEP STANDARDS</b> “The preservice teacher...”	<b>MISSOURI SHOW-ME STANDARDS</b> “Students will demonstrate within and integrate across all content areas the ability to...”
<b>Employ and adapt instructional strategies within educational and training settings to enhance learner achievement. EDC10.01</b>	MoSTEP 1.2.4.1 – selects and creates learning experiences that are appropriate for curriculum goals, relevant to learners, and based upon principles of effective instruction (e.g. encourages exploration and problem solving, building new skills from those previously acquired) MoSTEP 1.2.11.2 – plans and designs effective learning environments and experiences supported by informational and instructional technology.	
<b>Analyze the relationships between instructional strategies, learning objectives, and learner involvement, and the impact of these three on student behaviors. EDC10.01</b>	MoSTEP 1.2.4.2.-- creates lessons and activities that recognize individual needs of diverse learners and variations in learning styles and performance. MoSTEP 1.2.4.3. – evaluates plans relative to long and short-term goals and adjusts them to meet student needs and to enhance learning.	
<b>Align instructional goals with content standards and district priorities. EDC10.01</b>	MoSTEP 1.2.4.1 – selects and creates learning experiences that are appropriate for curriculum goals, relevant to learners, and based upon principles of effective instruction (e.g. encourages exploration and problem solving, building new skills from those previously acquired)	
<b>Align student learning to clearly defined instructional goals and activities. EDC10.01</b>	MoSTEP 1.2.4.1 – selects and creates learning experiences that are appropriate for curriculum goals, relevant to learners, and based upon principles of effective instruction (e.g. encourages exploration and problem solving, building new skills from those previously acquired) MoSTEP 1.2.4.2 – creates lessons and activities that recognize individual needs of diverse learners and variations in learning styles and performance.	
<b>Participate in local and global learning communities to enhance instruction and learner achievement. EDC10.03</b>		Goal 2-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
<b>Differentiate instruction to support the learning needs of all students. EDC10.01</b>	MoSTEP 1.2.1.2 – presents the subject matter in multiple ways.	



July 2009

## Education and Training Career Cluster Teaching and Training Career Pathway

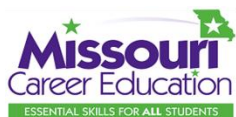
CORE COMPETENCIES Teaching and Training Pathway Alignment	MoSTEP STANDARDS “The preservice teacher...”	MISSOURI SHOW-ME STANDARDS “Students will demonstrate within and integrate across all content areas the ability to...”
Explain diagnostic, formative, and summative assessments, their purposes and the data they generate. EDC10.03		Goal 2-2. review and revise communication to improve accuracy and clarity
Analyze data to monitor student progress and learning, and to plan, differentiate and modify instruction. EDC10.05	MoSTEP 1.2.11.4 – uses technological applications to facilitate a variety of effective assessment and evaluation strategies.	
Employ knowledge of assessment methods to enhance learner achievement. EDC10.05	MoSTEP 1.2.11.4 – uses technological applications to facilitate a variety of effective assessment and evaluation strategies.	
Describe how to involve learners in self-assessment and goal setting to address gaps between performance and potential. EDC10.05		Goal 2-3. exchange information, questions and ideas while recognizing the perspectives of others. Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
Employ classroom management skills to enhance professional practice within education and training settings. EDC10.04		Goal 4-6. identify tasks that require a coordinated effort and work with others to complete those tasks.
Employ organizational skills to manage instructional resources (i.e. tools, equipment, supplies, materials). EDC10.02		
Explain the role of teacher expectations on student performance and its impact on teaching and learning. EDC10.01		
Develop technology-enriched learning environments that enable all students to become active participants in learning and assessments. EDC10.04	MoSTEP 1.2.1.2. -- presents the subject matter in multiple ways. MoSTEP 1.2.4.1 – selects and creates learning experiences that are appropriate for curriculum goals, relevant to learners, and based upon principles of effective instruction (e.g. encourages exploration and problem solving, building new skills from those previously acquired) MoSTEP 1.2.4.2 – creates lesson and activities that recognize individual needs of diverse learners and variations in learning styles and performance.	Goal 2-7. use technological tools to exchange information and ideas.



July 2009

## Education and Training Career Cluster Teaching and Training Career Pathway

CORE COMPETENCIES Teaching and Training Pathway Alignment	MoSTEP STANDARDS “The preservice teacher...”	MISSOURI SHOW-ME STANDARDS “Students will demonstrate within and integrate across all content areas the ability to...”
<p><b>Create an environment conducive to learning for all students. EDC10.04</b></p>	<p>MoSTEP 1.2.1.2. -- presents the subject matter in multiple ways.            MoSTEP 1.2.3.1.-- identifies prior experience, learning styles, strengths, and needs.            MoSTEP 1.2.4.1 – selects and creates learning experiences that are appropriate for curriculum goals, relevant to learners, and based upon principles of effective instruction (e.g. encourages exploration and problem solving, building new skills from those previously acquired)            MoSTEP 1.2.4.2 – creates lesson and activities that recognize individual needs of diverse learners and variations in learning styles and performance.            MoSTEP 1.2.5.1.-- selects alternative teaching strategies, materials, and technology to achieve multiple instructional purposes and to meet student needs.            MoSTEP 1.2.5.2.-- engages students in active learning that promotes the development of critical thinking, problem solving, and performance capabilities.</p>	<p>Goal 4-7. identify and apply practices that preserve and enhance the safety and health of self and others.</p>



For More Information Contact:  
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