

INTRODUCTION

Technological advances and global competition have transformed the nature of work. Tomorrow's jobs will require more knowledge, better skills and more flexibility than ever before. Tomorrow's workers must be prepared to change jobs and careers several times, while continually updating their knowledge and skills.

Career Clusters provide a common framework for career preparation by linking what students learn in school with the knowledge, skills, and experiences needed for success in postsecondary education and careers. When used to develop a student's Individual Career Academic Plan (ICAP), the Career Clusters Framework provides students with a strong foundation for postsecondary education and future employment.

TEACHER OVERVIEW

INTRODUCTION

The Career Pathways for the Teaching Profession program focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of teaching; the planning and administration of educational activities; school safety and health issues; and the social foundations of education. (CIP - 13.0101) (096842 - Program Code)

COURSE RATIONALE

This collaborative program helps prepare secondary students for future careers in education and training. It is designed to:

- Recruit quality secondary students for the profession
- Provide students with information about the challenges and opportunities offered by a career in education and training
- Provide students a seamless pathway to a career in education and training through academic coursework, study of the profession, and experiential learning activities with the potential for advanced knowledge and college credit

ESSENTIAL COMPONENTS FOR FUNDED/APPROVED PROGRAMS

Teacher Requirements

Teacher Qualifications

- Hold a valid Missouri Professional Teaching License, grades 9-12, in Family Consumer Sciences or any other subject area.
- Have minimum of five years teaching experience.
- If the program provides for concurrent enrollment in a post-secondary institution (dual credit), teachers must adhere to the requirements set by the Missouri Department of Higher Education www.dhe.mo.gov or www.dhe.mo.gov/dualcreditprinciples.shtml.

Professional Development

- Attend the program-specific training prior to applying for Career Education Program Approval
- Annually attend state or nationally sponsored professional development
- Participate in program-related professional organization(s) such as Missouri Educators for Family and Consumer Sciences (MoEFACS), Missouri Association for Career and Technical Education (MoACTE), Missouri State Teachers Association (MSTA), Missouri National Education Association (MNEA)



Program Requirements

Districts may offer Career Pathways for the Teaching Profession and Practicum for the Teaching Profession when the educator has completed the basic program training and an Approval of Career Education Program form has been submitted to Missouri Department of Elementary and Secondary Education, Family Consumer Sciences and Human Services and approved by Family Consumer Sciences and Human Services.

Connect with partners and stakeholders

- Establish an advisory committee or include key stakeholders on an existing FCS & HS advisory board
- Develop partnerships with PreK-12 schools for field experiences
- Involve professional associations and community associations

Respond to the labor market

- Promote education and training areas with greatest shortages
- Promote geographic areas with greatest shortages (e.g., urban, rural)
- Promote under-represented populations in the education and training profession

Adhere to program design and course of study

- Offer 2 courses (a technical course based on the core competencies and an application course such as a practicum/internship). Pre-requisites in Child Development I and II are recommended prior to enrolling in Career Pathways for the Teaching Profession.

Link to work-based experiences

- Offer multiple experiences: early childhood, elementary, middle level, high school, special education, career-technical education
- Provide work-based experiences with selected cooperating teachers/partners
- Allow students opportunities to experience “all aspects of the school” (e.g., counseling, administration, professional organizations)

Support of student organizations

- Integrate programs and activities of state/nationally recognized student organizations: Family, Career, and Community Leaders of America (FCCLA) and Educators Rising

Assessment Requirements

A TSA/IRC assessment is recommended at the completion of the two course program – Career Pathways for the Teaching Profession and Practicum for the Teaching Profession. The assessment is the Education Fundamentals available from American Association of Family and Consumer Sciences (AAFCS).

Student Assessment System

- Meet course competencies

Program Assessment System

- Collect and report data for state and federal reports
- Use data to guide program improvement



STUDENT INVOLVEMENT

Active participation in student organizations such as FCCLA, and FEA allows students to experience the personal benefits of membership in pre-professional organizations that promote professions within the education and training pathway through local, state, and national activities. FCCLA and FEA are approved CTSO and identified in Federal Perkins Legislation.



Family, Career and Community Leaders of America (FCCLA)

FCCLA is a national career and technical student organization for family and consumer sciences. FCCLA members develop skills for life through character development, creative and critical thinking, communication skills and career preparation. Contact www.mofccla.org for more information.



Educators Rising

Educators Rising is a national network of students and teacher leaders who are inspired and excited by the teaching profession. Educators Rising cultivates highly skilled educators by guiding young people on a path to becoming accomplished teachers, beginning in high school and extending through college and into the profession.

STUDENT OVERVIEW

OVERVIEW



Teaching is the profession that makes all other professions possible. Individuals who work in Education and Training instill the knowledge and skills that everyone from preschoolers to adult learners need to succeed. Caring, capable, and committed teachers help prepare students for the many rewards and challenges that personal, professional, and civic life brings. Educators must communicate clearly, inspire trust and confidence, and motivate learners. Teachers must understand students' educational and emotional needs, recognize and respond to individual differences in diverse learners, and employ different teaching/training methods to impact learner achievement. If you enjoy working with people, sharing your skills and talents, or would like to work in a favorite subject area, then Education and Training could be the right career cluster for you.

SAMPLE OCCUPATIONS

- Early Childhood/Kindergarten Teacher
- Elementary Teacher
- Secondary Teacher
- Career Education Teacher
- Special Education Teacher
- PreK-12 Teacher Aide
- College/University Lecturer, Professor
- Coach/Trainer/Consultant
- Child Care Center Director
- Child Life Specialist
- Corporate Educator

CREDENTIALS

The Teaching and Training career pathway comprises some of the most highly educated workers in the labor force. Most of these occupations require licensing or certification. Credentials include:

- Certified or Licensed Teacher
- Certified Trainer
- Child Development Associate (CDA)
- National Board Certified Teacher

EMPLOYMENT OUTLOOK



Job opportunities for teachers and trainers are expected to be excellent over the next ten years, due in large part to the high number of educators who are expected to retire. In addition the Bureau of Labor Statistics, a division of the U.S. Department of Labor, projects a 12% increase in the number of teachers needed by 2016. In Missouri, the Missouri Economic Research and Information Center (MERIC) is projecting that Missouri will need nearly 10,000 teachers with more than 50% of those for new positions – preschool, kindergarten, elementary, middle and secondary – by 2016.

ADDITIONAL INFORMATION

Missouri Connections helps you open the door to career exploration and educational planning. Sponsored by the Department of Elementary and Secondary Education, Missouri students in public and private schools (grades 7-16), parents, guidance counselors, and educators can use the online system at no charge. This site provides the opportunity to take free Kuder® assessments to determine career interests, work skills and values, and information on hot careers in Missouri. Go to www.missouriconnections.org for additional information to connect to your future.



HOW CAN I PREPARE FOR THE EDUCATION & TRAINING CAREER CLUSTER?

I Can Take At School:

- ✓ Child Development
- ✓ Drama
- ✓ Foreign Language
- ✓ Human Development
- ✓ Interpersonal Relationships
- ✓ Psychology

I Can Participate in Student Leadership Activities:

- ✓ Family, Career, and Community Leaders of America (FCCLA)
- ✓ Educators Rising

I Can be Involved In the Community:

- ✓ Assistant Leader of 4-H or other organizations
- ✓ Volunteer in agencies that have an educational emphasis
- ✓ Coach a sports team



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STUDENT LEARNING OBJECTIVES EDUCATION AND TRAINING CAREER CLUSTER CAREER PATHWAYS FOR THE TEACHING PROFESSION

ANALYZE THE TEACHING PROFESSION

- Explain personal characteristics, abilities, knowledge and skills needed to work in education careers
- Examine the roles, functions, education and training requirements needed to work in the education field
- Identify career opportunities for employment in the education field
- Analyze the role of professional organizations in education
- Promote and model digital etiquette and responsible social interaction related to the use of technology and information
- Demonstrate knowledge of group process and skills for working collaboratively to enhance professional practice

IDENTIFY AND DESCRIBE A TEACHER'S RESPONSIBILITY FOR CREATING A SAFE LEARNING ENVIRONMENT

- Evaluate classroom management theories, routines, and transitions that promote a positive learning environment
- Evaluate and control risks to safety, health, and the environment in learning settings
- Explain emergency response plans
- Describe how to create an emotionally and physically safe learning environment for all students

ANALYZE AND DEMONSTRATE EFFECTIVE MANAGEMENT OF DIVERSE LEARNERS AND THE LEARNING PROCESS

- Examine physical, emotional, social, and intellectual development of children and adolescents
- Identify and apply learning theories to learners and effective teaching instruction
- Explain the barriers to learning and achievement
- Examine teacher responsibility for student safety, growth and development in relationship to the barriers to learning and achievement
- Recognize the symptoms of child abuse, neglect and trauma and the appropriate reporting protocol

EXPLAIN AND ANALYZE THE INFLUENCE OF THE HISTORICAL, PHILOSOPHICAL, AND SOCIOLOGICAL ROLE AND THE IMPACT ON CONTEMPORARY EDUCATION

- Examine the historical and current significance of education
- Compare the organizational structures of education and training today to historical and sociological factors
- Compare and contrast the major philosophies of education



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IDENTIFY AND ASSESS THE IMPACT OF EDUCATIONAL POLICY, SCHOOL LAW AND REFORMS ON AMERICAN EDUCATION

- Explain the ethical and legal standards and principles that impact education
- Describe the legal implication and processes (e.g., FERPA) for communicating student progress with students, parents and colleagues
- Explain the legal rights of parents
- Analyze the legal rights of teachers and school districts
- Apply research strategies to investigate, evaluate and respond to educational perspectives, issues, topics, and problems.

EXPLAIN THE GOVERNING AND FINANCING OF EDUCATIONAL SYSTEMS

- Describe the organizational structures of education and training systems.
- Identify systems that deliver education and training (i.e., public, private, virtual, etc.)
- Explain how schools are financed

IDENTIFY AND IMPLEMENT LESSON PLANNING AND TEACHING STRATEGIES THAT AFFECT STUDENT ACHIEVEMENT

- Examine and integrate a variety of instructional strategies within educational and training settings to enhance learner achievement.
- Align student learning activities to clearly defined instructional goals, content standards, and district priorities
- Differentiate instruction to support the learning needs of all students.

EXAMINE AND APPLY TECHNIQUES FOR ASSESSING STUDENT LEARNING

- Explain diagnostic, formative, and summative assessments, their purposes and the data they generate.
- Analyze data to monitor student progress and learning, and to plan, differentiate and modify instruction.
- Apply knowledge of assessment methods to enhance learner achievement.
- Describe how to involve learners in self-assessment and goal setting to address gaps between performance and potential.

For More Information Contact:
Missouri Department of Elementary and Secondary Education
Family Consumer Sciences and Human Services Careers
PO Box 480 - Jefferson City, MO 65102-0480
www.dese.mo.gov/divcareered/facs



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CAREER PATHWAYS AND PRACTICUM COURSE ALIGNMENT AND ACTIVITIES

ANALYZE THE TEACHING PROFESSION

STUDENT LEARNING OBJECTIVE Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Explain personal characteristics, abilities knowledge and skills needed to work in education careers	4.1 Analyze career Paths within early childhood, education and related services	1B Explain personal characteristics, abilities knowledge and skills needed to work in education careers	Write a letter of introduction Write a letter for a substitute teacher
Examine the roles, functions, education and training requirements needed to work in education careers	4.1.1 Explain the roles and functions of individuals engaged in early childhood, education, and services. 4.1.3 Summarize education and training requirements and opportunities for career paths in early childhood, education, and services. 4.1.5 Create an employment portfolio to communicate education and early childhood knowledge and skills	1A Examine role, functions, and education and training requirements of individuals engaged in education careers	5 year plan Portfolio Prepare an illustrated talk for FCCLA or Educators Rising competition
Identify career opportunities for employment in the education field	4.1.2 Analyze opportunities for employment, entrepreneurial endeavors, and emerging careers		Personnel Interviews
Analyze the role of professional organizations in education.	4.1.6 Analyze the role of professional organizations in education		Participate in FCCLA or Educators Rising Guest Speakers from MSTA & NEA



Education and Training Career Cluster - Career Pathways for the Teaching Profession

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STUDENT LEARNING OBJECTIVE Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Promote and model digital etiquette and responsible social interaction related to the use of technology and information		1C Understand ethical and legal standards and principles that impact education careers	Human Resource Guest Speaker Instructional Technology guest Speaker Articles about teachers and social media Scenarios
Demonstrate knowledge of group process and skills for working collaboratively to enhance professional practice		3C Develop organizational and managerial skills that enhance professionalism	Collaborative Group Work Crayon Game

IDENTIFY AND DESCRIBE A TEACHER’S RESPONSIBILITY FOR CREATING A SAFE LEARNING ENVIRONMENT

STUDENT LEARNING OBJECTIVES Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Evaluate classroom management theories, routines, and transitions that promote a positive learning environment	4.3.6 Establish effective activities, routines, and transitions for various age groups. 4.5.1 Apply developmentally appropriate and culturally responsive guidelines for behavior	2F Explain how schedules, activities, routines, and transitions promote learning 4A Determine classroom management procedures that support learning	Gallery Walk of Rules Classroom Management Plan
Evaluate and control risks to safety, health, and the environment in learning settings	4.4.1 Manage physical space to maintain a learning environment is safe and healthy and encourages physical activity. 4.4.2 Apply safe and healthy practices that comply with local, state, and federal regulations to assure learners’ safety. 4.4.6 Implement basic health practices and prevention procedures for workers and learners regarding illness, communicable diseases, accidents and trauma		Checklist of safety and environmental controls, issues and risks of the assigned classroom or a place in the building. Students will consider plans for various drills through given scenarios
Explain emergency response plans	4.4.7 Demonstrate security and emergency procedures		Collect emergency plans Discuss the purpose and development of emergency plans and drills
Describe how to create an emotionally and physically safe learning environment for all students			

ANALYZE AND DEMONSTRATE EFFECTIVE MANAGEMENT OF DIVERSE LEARNERS AND THE LEARNING PROCESS

STUDENT LEARNING OBJECTIVES Teaching and training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Examine physical, emotional, social, and intellectual development of children and adolescents	4.2.1 Analyze child development theories and their implications for educational and childcare practices	2D Examine physical, emotional, social, and intellectual development of children and adolescents	Early Childhood Center Tour- Student will chart developmental characteristics of ages 3-5. Then tour an early childhood center to compare their observations during the tour.
Identify and apply different learning theories to learners and effective teaching instruction		2A Apply learning theories and principles to learners	Learning Styles Questionnaire Developmental Theorist Poems Acrostic and Game Practicum Observations 1, 2, 3 Lesson Plan- find a lesson plan on line and adjust for three processing styles. Multiple Intelligences Inventory
Explain the barriers to learning and achievement	4.2.2 Explore assessment tools and methods to observe and interpret children’s growth and development and apply to assess growth and development across the lifespan 4.2.3 Analyze cultural and environmental influences when assessing development of children, youth, and adults 4.5.3 Demonstrate interpersonal skills that promote positive and productive relationships with learners	2B Examine how effective teaching practices accommodate learning styles, learning differences and special needs 2C Examine how language, culture, and educational background affect learning and schools	Barrier Books Research Learning Challenge Practicum Observations- 1, 2, 3 Reflection/Journal –Use InTASC disposition 2(I)- How will you convey to students your faith in their ability to learn and help them to reach their potential?



Education and Training Career Cluster - Career Pathways for the Teaching Profession

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STUDENT LEARNING OBJECTIVES Teaching and training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
	4.5.5 Analyze learners' developmental progress and summarize developmental issues and concerns		
Examine teacher responsibility for student safety, growth, and development in relationship to the barriers to learning and achievement	4.2.4 Address specific developmental needs of children, youth, and adults based on assessment of their abilities		Bullying activities
Recognize the symptoms of child abuse, neglect and trauma and the appropriate reporting protocol	4.4.5 Document symptoms of abuse and neglect and use appropriate procedures to report suspected abuse or neglect to the designated authorities	1D Recognize the symptoms of child abuse and neglect and the appropriate reporting protocol	Counselor Guest Speaker



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EXPLAIN AND ANALYZE THE INFLUENCE OF THE HISTORICAL, PHILOSOPHICAL, AND SOCIOLOGICAL ROLE AND THE IMPACT ON EDUCATION ON CONTEMPORARY EDUCATION

STUDENT LEARNING OBJECTIVES Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Examine the historical and current significance of education.		Examine the historical and contemporary significance of education in society	Wax Museum- a group of 3-4 students research, role play and present on a particular educational decade as if they were talking wax figures. History Research- Assign each group a specific decade to research. They should find historic events, curriculum , teacher expectations, school configuration. Create a poster or visual with the information. Students then do a gallery walk for information on the decades. After all have the information ask questions like: How did the curriculum of 1890 compare to today? What differences do you see in education from one decade to another? How are the curriculum/ school /teacher expectations the same?
Compare the organizational structures of education and training today to historical and sociological factors			<i>The Hurried Child</i> - Read and discuss Video: <i>Teens What Makes them Tick</i> - list factors affecting teens and brain development.
Compare and Contrast the major philosophies of education.			Write a personal philosophy at the beginning of the year Rewrite personal philosophy at the end of the practicum



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IDENTIFY AND ASSESS THE IMPACT OF EDUCATIONAL POLICY, SCHOOL LAW AND REFORMS ON AMERICAN EDUCATION

STUDENT LEARNING OBJECTIVES Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Explain the ethical and legal standards and principles that impact education.	Apply professional ethical standards as accepted by the recognized professional organizations.	1C Understand ethical and legal standards and principles that impact education careers.	District Lawyer Human Resources Speaker Policy Handbook Evaluation
Describe the legal implication and processes (e.g., FERPA) for communicating student progress with students, parents and colleagues		1C Understand ethical and legal standards and principles that impact education careers.	Administrative Guest Speaker Teacher Policy Handbook Evaluation Confidentiality Agreement
Explain the legal rights of parents.		1C Understand ethical and legal standards and principles that impact education careers..	
Analyze the legal rights of teachers and school districts			Human Resources Speaker Teacher Policy Handbook Evaluation Research- Compare code ethics and conduct expectations from various district policy handbooks
Apply research strategies to investigate issues, topics, and problems.			Debate current topics in education Portfolio (InTASC) Disposition 6(t) What do you think of NCLB's emphasis on standardized tests to measure student achievement and teacher effectiveness?



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EXPLAIN THE GOVERNING AND FINANCING OF EDUCATIONAL SYSTEMS

STUDENT LEARNING OBJECTIVES Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Describe the organizational structures of education and training systems.		1C3 Organization, governance, and funding of public schools	School Board Member as Guest Speaker Attend a School Board Meeting
Identify systems that deliver education and training (i.e., public, private, virtual, charter, etc.)			Panel of administrators from public, private, corporations, rural, urban and suburban schools.. Compare and Contrast the resource challenges, diversity, etc. among different educational settings. Portfolio-Write a journal entry/ paper regarding the use of school vouchers? Do you believe the use of vouchers diverts scarce and much needed funds from public schools? Discuss each side of the issue
Describe the impact different educational system models have on student learning.			Small groups will read a given chapter of the book <i>Freedom Writers</i> . Groups will dead discussions about unique approaches to student expectations and learning.
Explain how schools are financed		1C3 Organization, governance, and funding of public schools	CFO of school District/School Board Member Guest Speaker



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IDENTIFY AND IMPLEMENT LESSON PLANNING AND TEACHING STRATEGIES THAT AFFECT STUDENT ACHIEVEMENT

STUDENT LEARNING OBJECTIVES Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Examine and integrate a variety of instructional strategies within educational and training settings to enhance learner achievement	4.3.4 Demonstrate a variety of teaching methods to meet individual needs of learners	5A Examine how a variety of teaching strategies impact student learning	Article reviews from Professional Journals Compare and contrast various instructional models Develop a small group lesson appropriate for an assigned grade level using a specific instructional strategy
Align student-learning activities to clearly defined instructional goals, content standards, and district priorities.	<i>Align student-learning activities to clearly defined instructional goals, content standards, and district priorities.</i>	3D Utilize relevant standards in instructional planning and assessment 3E Apply principles and elements of effective instruction and assessment	Identify the content and instructional goals of a given lesson plan. Align with district priorities. Write and deliver a lesson plan
Differentiate instruction to support the learning needs of all students	4.3.4 Demonstrate a variety of teaching methods to meet individual needs of learners	3B Establish instructional goals that are developmentally	Adapt a lesson plan for various learners



Education and Training Career Cluster - Career Pathways for the Teaching Profession

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EXAMINE AND APPLY TECHNIQUES FOR ASSESSING STUDENT LEARNING

STUDENT LEARNING OBJECTIVES Teaching and Training Pathway Alignment	NATIONAL FAMILY CONSUMER SCIENCES STANDARDS (NASAFACS)	AAFCS Education Fundamentals	ACTIVITIES
Explain diagnostic, formative, and summative assessments, their purposes and the data they generate		5B Examine purposes of and apply techniques for assessing student learning	Counselor Guest Speaker Assessment Coordinator Guest Speaker
Analyze data to monitor student progress and learning, and to plan, differentiate and modify instruction		5C Summarize how assessment is integrated into teaching and learning	Discuss scenarios on Grading Provide student data to analyze
Apply knowledge of assessment methods to enhance learner achievement		5D Understand how learner feedback guides instruction	Create a formative assessment to use in a given lesson plan Analyze a given summative assessment for validity
Describe how to involve learners in self-assessment and goal setting to address gaps between performance and potential		5D Understand how learner feedback guides instruction	Student led Conferences Teacher-Student Grade conferences

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