

MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION OFFICE OF EDUCATOR QUALITY – EDUCATOR PREPARATION

MATHEMATICS SPECIALIST, GRADES 1-6

EDUCATOR PREPARATION PROGRAM NAME EDUCATOR PREPARATION PROGRAM CODE LINCENVOOD UNIVERSITY 04779 INSTRUCTIONS 04779 Please complete Educator Preparation Program (EPP) Name & EPP Code above. Certification Requirements: Course Number – List the course number(s) for the course(s) or groups of competencies that align with the specific section of the requirements. It is possible to have more than one course or group listed. Course Title – List the course title(s) for the course(s) or groups of competencies that align with the specific section of the requirements. It is possible to use more than one course or group listed. Semester Hours – List the number of semester hours to reach specific section. It is possible to use decimals (to the nearest tenth) to indicate paratial use of a course to meet a requirement. The total number of semester hours or before the date established in the Transition Plan. QUESTIONS: Contact Educator Preparation, 573-751-1668 or DESE MoSPETransition@dese.mo.gov Course Title Course Title Valid Missouri Teaching Certification MTH 14100 Two-Years of Mathematics Teaching Experience MTH 14100 A Professional Requirements (Minimum of 24 semester hours) 3 1. Mathematics Knowledge Concepts, structures, skills, and processes of school mathematics Knowledge of EDM 54000/EDM 64000 Northereatical Structures for Teachers I 4 b.									
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standards and methods for aligning or transfer course from another curriculum systems		standards and methods for aligning		or transter course from another					
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d. Evaluation of mathematical abilities and EDM 58000/EDAM 68000 Foundations of Mathematics Education 1.5	d.	Evaluation of mathematical abilities and	EDM 58000/EDAM 68000	Foundations of Mathematics Education	1.5				
achievement including formal and informal		achievement including formal and informal		Leadership					
diagnostic procedures and in prescriptive		diagnostic procedures and in prescriptive							
		matuciion		1					

3. Foundations of Leadership							
		Course Number	Course Title	Semester Hours			
	a. Effective communication strategies within and outside school	EDM 58090/EDAM 68090	Mathematics Leadership: Influencing and Facilitating Improvement	1.5			
	 Professional development expertise ability to plan, develop, implement and evaluate learning environments for teachers 	EDM 58090/EDAM 68090	Mathematics Leadership: Influencing and Facilitating Improvement	1.5			
	 Ability to establish and nurture professional communities of learners-students, parents, and educators 	EDM 58095/EDAM 68095	Elementary Mathematics Specialists: Influencing and Facilitating Improvement	1.5			
	 Informed about and contribute to policy and professional organization work related to teaching and learning mathematics 	EDM 58000/EDAM 68000	Foundations of Mathematics Education Leadership	1.5			
4.	 Culminating Clinical Experience (Three semester hours of experience working with a full range of students and educators in various professional development settings) 						
		Course Number	Course Title	Semester Hours			
		EDM 53900/EDAM 63900	Seminar w Internship I Numbers and Operations	1			
		EDM 54500/EDAM 64500	Seminar w Internship II: Geometry and Measurement	1			
		EDM 55500/EDAM 65500	Seminar w Internship III Algebraic Reasoning	1			
		EDM 56500/EDAM 66500	Seminar w Internship IV Data Analysis, Statistics, and Probability	1			
Professional Requirements - Total Semester Hours							

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