EDUCATIONAL LEADERSHIP DOCTORAL PROGRAM
RESEARCH STANDARDS/PERFORMANCE INDICATORS
COURSE MATRIX

Instructions: For each Research Strand Performance Indicator (e.g., PI 1.1), please mark the course you believe prepares students to be successful on the performance indicator using the following: G – General Preparation (Coverage), S – Specific Preparation (Measured Course Objective).

RESEARCH STANDARD 1 – RESEARCH DESIGN: The EdD program candidate identifies research problems, formulates questions, designs appropriate methods, and performs investigations that address questions important to advancing theory and practice in the professional specialty.						
Performance Indicators	**Research 1 (EDLD 712)**	**Research 2 (EDLD 722)**	**Research 3 (EDLD 732)**	**Qualitative Course**	**Dissertation Seminar**	**EDFN 501**
RPI 1.1. Determines an appropriate research design based on the context and populations that constitute a problem, including the identification of a possible database.	**S**	G	G	G	**S**	G
RPI 1.2. Formulates research questions and hypotheses that represent a probable solution to the problem.	**S**	G	G	G	**S**	G
RPI 1.3. Incorporates quantitative and/or qualitative methods into design, and then synthesizes data sources using mixed methods as necessary.	**S**	G	**S**	**S**	**S**	
RPI 1.4. Recognizes explicitly possible threats to validity or credibility of research and resolves them to the extent possible.	**S**	G	G	**S**	**S**	

RESEARCH STANDARD 2 - TECHNOLOGY: The EdD program candidate uses technology to support performing research in the professional specialty						
Performance Indicators	**Research 1 (EDLD 712)**	**Research 2 (EDLD 722)**	**Research 3 (EDLD 732)**	**Qualitative Course**	**Dissertation Seminar**	**EDFN 501**
RPI 2.1. Accesses information and published research from library and on-line sources to perform literature reviews and support data analysis.	**S**	G	G	G	**S**	
RPI 2.2. Uses SPSS, NVivo, or other similar software packages to perform data analysis.	G	**S**	**S**	**S**		**S**

RESEARCH STANDARD 3 – INSTRUMENTATION AND DATA COLLECTION: The EdD program candidate develops instruments, research protocols, and data collection strategies to conduct research related to practical research problems.

Performance Indicators	Research 1 (EDLD 712)	Research 2 (EDLD 722)	Research 3 (EDLD 732)	Qualitative Course	Dissertation Seminar	EDFN 501
RPI 3.1. Creates and disseminates survey instruments consistent with accepted professional protocols.		**S**	G		G	
RPI 3.2. Prepares measurement instruments and surveys consistent with psychometric principles for conducting research.	G	**S**	G		G	
RPI 3.3. Evaluates psychometric properties of measurement instruments and surveys based on relevant technical information.	G	**S**	G		G	
RPI 3.4. Accesses quantitative data from secondary sources and prepares data for subsequent analysis.	G	**S**	G		G	**S**
RPI 3.5. Structures qualitative research protocols such as interview and participant observation guides.	G		G	**S**	G	
RPI 3.6. Accesses qualitative data from electronic and hard copy sources to perform document mining.	G			**S**	G	

RESEARCH STANDARD 4 – DATA ANALYSIS: The EdD program candidate performs data analysis to support research related to practical research problems.

Performance Indicators	Research 1 (EDLD 712)	Research 2 (EDLD 722)	Research 3 (EDLD 732)	Qualitative Course	Dissertation Seminar	EDFN 501
RPI 4.1. Computes and interprets univariate and multivariate parametric statistics.	G	**S**	**S**			**S**
RPI 4.2. Computes and interprets non-parametric statistics.	G	G	G			**S**
RPI 4.3. Employs qualitative methods to analyze and interpret data acquired from interviews, participant observations, and electronic and hardcopy documents.	G		G	**S**		

RESEARCH STANDARD 5 – PROGRAM EVALUATION: The EdD program candidate conducts and uses program evaluation to improve practices and inform decision making.

Performance Indicators	Research 1 (EDLD 712)	Research 2 (EDLD 722)	Research 3 (EDLD 732)	Qualitative Course	Dissertation Seminar	EDFN 501
RPI 5.1. Describes evaluation's purposes, uses, key stakeholders, and their needs.	G	G	**S**	G	G	
RPI 5.2. Formulates meaningful evaluation questions and develops a program evaluation plan to address these questions effectively.	G	G	**S**	G	G	
RPI 5.3. Applies a variety of quantitative and qualitative methods in evaluation research.	G	G	**S**	**S**	G	G
RPI 5.4. Recognizes multiple and sometimes conflicting agendas of different stakeholders and yet maintains professionalism and integrity in reporting and using evaluation information.	G	G	**S**	**S**	G	
RPI 5.5 Understands ethical, social, political, and cultural issues confronted by program evaluators.	G		**S**	**S**	G	

RESEARCH STANDARD 6 – PROFESSIONAL SCHOLARSHIP: The EdD program candidate performs advanced scholarship, accesses sources of data, synthesizes ideas, and performs applications to theoretical and practical issues and problems relevant to the professional specialty.

Performance Indicators	Research 1 (EDLD 712)	Research 2 (EDLD 722)	Research 3 (EDLD 732)	Qualitative Course	Dissertation Seminar	EDFN 501
RPI 6.1. Formulates research questions designed to fill gaps in existing knowledge and lead to acquiring knowledge of practical and theoretical value to state and national stakeholders.	**S**	G	G	**S**	**S**	
RPI 6.2. Writes literature review narratives about a defined research topic that describe research approaches and specific studies performed in the past.	**S**	G	G	**S**	**S**	
RPI 6.3. Writes a literature review narrative that synthesizes past research about a defined topic and highlights gaps in the existing body of theoretical and practical knowledge.	**S**	G	G	**S**	**S**	
RPI 6.4. Writes a high-quality dissertation and other papers or articles suitable for presentation at leading research association conferences and refereed journals.	G	G	G	G	**S**	