EDUCATIONAL FOUNDATIONS & LEADERSHIP (5100)

5100:520. Introduction to Instructional Computing. (3 Credits)
Prepares the student in the use of instructional technologies in educational and business settings. Segments of the course are offered in an online format.

5100:590. Workshop in Educational Foundations & Leadership. (1-3 Credits)
Individual work under staff guidance on curriculum problems, utilization of community resources, planning of curriculum units.

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5100:594. Educational Institutes: Educational Foundations & Leadership. (1-4 Credits)
Special course designed as in-service upgrading programs, frequently provided with the support of curriculum units.

5100:600. Philosophies of Education. (3 Credits)
Examination of basic philosophical problems underlying broad educational questions that confront society. Provides foundation for understanding of questions of modern society and education.

5100:602. Comparative & International Education. (3 Credits)
Comparative study of selected national school systems with reference to forces that shape their characteristics. Different theoretical approaches used in study of comparative education also investigated.

5100:604. Topical Seminar in the Cultural Foundations of Education. (3 Credits)
(May be repeated for a total of six credits) Issues and subjects related to study of educational institutions, theories and/or ideas. Different topics will be offered from section to section. Delivered in face to face web enhanced format and fully online format.

5100:610. Introduction to Statistics in Human Services. (3 Credits)
Applying basic statistical concepts and use statistics to address real world problems in social science.

5100:620. Psychology of Instruction for Teaching & Learning. (3 Credits)
Current theories and research in the areas of cognition and learning, development, and motivation that underlay approaches to teaching in any context.

5100:624. Seminar in Educational Psychology. (3 Credits)
In-depth study of research in selected areas of learning, development, evaluation, and motivation. Offered in face-to-face and online formats.

5100:629. Fundamentals of E-Learning. (1 Credit)
The nature, purpose, history and philosophy of e-learning will be explored through examination of associated trends and issues. Establishment of a learning community will be addressed in the face-to-face course component. E-learning course/certificate overviews will be discussed.

5100:630. Topical Seminar in Computer-Based Education. (3 Credits)
(May be repeated for a total of six credits. Advanced topics related to development, implementation, research and evaluation in C.B.E. Student involvement emphasized, required. Knowledge of programming language recommended.

5100:637. Philosophies of Educational Technology. (3 Credits)
To introduce students to the many philosophies of educational technologies and the manner in which information technology especially influences our pedagogy.

5100:640. Using Research to Inform Practice. (3 Credits)
Research methods and techniques commonly used in education and behavioral sciences; preparation of research reports. Includes library, historical, survey and experimental research and data analysis. Delivered in face to face web enhanced format and fully online format.

5100:642. Introduction to Classroom Assessment for Teachers. (3 Credits)
The focus of this class is on the practical classroom assessment skills future and practicing teachers need for decision-making about student learning.

5100:643. Vision, Goal Planning and Professional Practice for Teacher Leaders. (3 Credits)
This course reviews the main research, theories, and practices that make for effective organizational leadership and professional practice for teacher leaders.

5100:646. Multicultural Counseling. (3 Credits)
Prerequisites: 5600:643 or permission of instructor. An examination of multicultural counseling theory and research necessary to work with culturally diverse people.

5100:647. Data and Evidence-based Practice for Teacher Leaders. (3 Credits)
An examination of applied research techniques for school leadership and improvement efforts.

5100:648. Individual & Family Development Across the Lifespan. (3 Credits)
An exploration of individual and family development. Emphasis will be placed on understanding the relationship between the individual and his/her family.

5100:650. Data Collection Methods for Educators. (3 Credits)
Students will develop, implement and evaluate various data collection methods such as achievement tests, commercially published instruments, surveys, and individual and group interviews.

5100:651. Data-Driven Decision Making for Educators. (3 Credits)
The purpose of this course is to facilitate the understanding and utilization of data to identify classroom/school improvement needs and make informed decisions in effecting change.

5100:652. Introduction to Educational Evaluation. (3 Credits)
Introduction to core concepts of educational evaluation including; the purpose, process, standards, and models of evaluation. Students will develop skills in interpreting and critiquing evaluation reports.

5100:653. Practical Applications of Educational Evaluation. (3 Credits)
Prerequisite: 5100:652. This course is designed as the second part of educational evaluation with a focus on the application of evaluation concepts and theory to real world situations.
5100:654. Master's Project in Assessment & Eval - Part I. (3 Credits)
Prerequisite: Permission of advisor This capstone course is the culminating learning experience for the Masters Degree in Assessment and Evaluation. Students complete a comprehensive evaluation project of their choice.

5100:655. Master's Project in Assessment & Eval Part 2. (3 Credits)
Prerequisite: 5100:654. This capstone course is the culminating learning experience for the Masters Degree in Assessment and Evaluation. Students complete a comprehensive evaluation project of their choice.

5100:657. Field Experience: Masters. (1-3 Credits)
Prerequisites: permission of department chair and instructor. Area determined in accordance with student's program and professional goals.

5100:697. Independent Study. (1-3 Credits)
(May be repeated for a total of six credits) Prerequisites: permission of department chair and instructor. Specific area of study determined in accordance with student's program and professional goals.

5100:698. Masters Problem. (2-4 Credits)
Prerequisite: permission of advisor. In-depth study of a research problem in education. Student must be able to demonstrate critical and analytical skills in dealing with problems in educational foundations.

5100:699. Masters Thesis. (4-6 Credits)
Prerequisites: permission of department chair and instructor. In-depth study of research problem within humanistic and behavior foundation.

5100:701. History of Education in American Society. (3 Credits)
Historical development of education in American social order, with special emphasis on social, political and economic setting.

5100:703. Seminar: History & Philosophy of Higher Education. (3 Credits)
Prerequisite: 5100:600 or equivalent. History and philosophy related to genesis and development of higher education in the Western world, with special emphasis given to higher education's development in United States. Delivered in face to face web enhanced format and fully online format.

5100:705. Seminar: Social-Philosophical Foundations of Education. (3 Credits)
(May be repeated for a total of six credits) Prerequisite: 5100:600 or equivalent. Inquiry into selected ideologival social, economic and philosophical factors affecting educational development in United States and other countries.

5100:710. Adult Learning, Development & Motivation. (3 Credits)
Emerging theories of intelligence; theories of adult learning; stage theories of adult cognitive, conceptual and moral development; life cycle development; adult life transitions.

5100:721. Learning Processes. (3 Credits)
Study of principles underlying classroom learning processes with particular emphasis on teaching as means of modifying pupil behavior; cognitive, motor, social and affective.

5100:723. Teacher Behavior & Instruction. (3 Credits)
Prerequisite: 5100:600. Intensive survey of theoretical and empirical literature involving teacher and conceptions of instruction. A student reports on theory, empirical research and applications in areas of individual interests.

5100:740. Research Design. (3 Credits)
Topics include problem statement, research questions, literature review, choosing a sample, selecting an appropriate research design and data collection method, and ethical and legal issues.

5100:741. Data Collection Methods. (3 Credits)
Prerequisite: 5100:740. Emphasis on developing, selecting, and administering common data collection methods in education and social science research including standardized tests, inventories, questionnaires, focus groups, and content analysis.

5100:742. Statistics in Education. (3 Credits)
Statistical methods and techniques used in educational measurement and in educational research. Emphasis on hypothesis testing.

5100:743. Advanced Educational Statistics. (3 Credits)
Prerequisite: 5100:741. Emphasis on interpreting advanced statistics in education and the social sciences.

5100:744. Qualitative Methods I. (3 Credits)
Provides an overview of theory about and hands-on experience with methods of qualitative research. Techniques of participant-observation, interviewing, and document collection will be covered.

5100:745. Qualitative Methods II. (3 Credits)
Prerequisite: 5100:744. Provides more advanced experience with theory and methods of qualitative research. Data collection and analysis will focus on students' research interests and possible dissertation topics.

5100:798. Research Project in Special Areas. (1-3 Credits)
Prerequisite: permission of department chair and instructor. Critical and in-depth study of specific problem in educational foundations.

5100:801. Research Seminar: Educational Foundations & Leadership. (3 Credits)
Prerequisites: 5100:640 and 5100:740; permission of department chair and instructor. Intensive study of research methods applicable to education. Emphasis on developing a dissertation proposal.

5100:897. Independent Study. (1-4 Credits)
(May be repeated for a total of eight credits.) Prerequisites: permission of department chair and instructor. Specific area of inquiry within humanistic and behavioral foundations of education determined in advance by student and faculty advisor.