



GRADUATE CERTIFICATE IN **Curriculum and Instructions for Educators**

Certificate Description

This certificate provides experienced educators who possess a bachelor's degree the ability to enhance specialized knowledge of Curriculum and Instruction for Educators.

Principles for Curriculum Improvement—EDU 633—In this course, students will examine forces influencing curriculum improvement. This course focuses on the analysis of curriculum and the application of principles for resolution of curriculum problems.

Outcomes:

- Develop strategies to advocate, catalyze, and implement change in organizational settings.
- Discuss societal and cultural forces which influence curriculum development.
- Evaluate curriculum using defined criteria.
- Align curriculum to standards, such as program, accrediting, federal, and state institutions.
- Diagnose problems in curriculum and develop solutions based on formative evaluation.
- Integrate technology into curriculum and instruction.
- Measure student performance and forecast the effects of curriculum changes on performance, and discuss methods of communicating curriculum changes.

Designing Effective Courses—EDU 643—This course examines techniques and methods of effective course design and implementation. Topics covered include motivation, consultation, instructional strategies, and student assessment.

Outcomes:

- Develop assessments to measure student learning in various learning environments.
- Determine appropriate methods to provide feedback to students.
- Discuss techniques to enhance student learning through instructor feedback.
- Align curriculum policies, standards, and instructional practices for specific situations and requirements.
- Assess instructional strategies, including technology integration, used to present content.
- Present content using multiple instructional strategies to address differences in student learning styles and abilities.
- Design learning activities to motivate and engage students.
- Adapt instructional strategies dynamically according to the situation.
- Consult and advise effectively with stakeholders.



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Curriculum Design and Evaluation—EDU 660—This course examines the development of comprehensive educational curricula and/or development programs. Students will perform all phases of curricula design tied to their area of professional practice.

Outcomes:

- Differentiate among the learning domains within curriculum studies including history, theory, design, implementation, evaluation, and change.
- Describe the main aspects of curriculum history as they apply to current curriculum approaches.
- Differentiate alternative approaches to curriculum theorizing and the respective approaches to development, design and evaluation.
- Describe the main aspects of planning and producing curriculum, including content, activities, learning outcomes, and evaluation.
- Develop an effective curriculum plan at policy or program level.
- Explain the role of key organizational stakeholders and organizational context involved in curriculum decision making, implementation, and evaluation.
- Differentiate among common approaches to curriculum implementation including Organizational Development, Action Research, and Curriculum Alignment.
- Identify formal and informal approaches to curriculum evaluation including the techniques, criteria, and questions utilized while conducting evaluations.
- Critically appraise the predominant models of curriculum change.
- Utilize the appropriate criteria for selecting curricular content, organization of content and methods of curriculum evaluation.
- Identify and use appropriate technology for curriculum design and evaluation.

Decision Making in Curriculum and Instruction—EDU 673—This course examines the roles of curriculum designers and instructors in the educational decision-making process. Students analyze the underlying assumptions and research supporting various teaching and design practices. Students will create a curriculum design project integrating concepts and skills gained throughout this program.

Outcomes:

- Summarize significant findings which may indicate a need or opportunity for new programs, products, or processes.
- Plan development and implementation of a new program, product, or process, including project management requirements.
- Identify necessary factors and components to consider in education program planning, such as community, regulatory agencies, organizational hierarchy, and governing boards.
- Evaluate the use of educational technology and its impact on student learning.
- Explain the effects of ethical, regulatory, and legal issues on the introduction of new or revised programs, products, or processes.
- Review portfolio content and revise as needed.