

# EDUCATIONAL FOUNDATIONS (EDFN)

## EDFN 500 Research Methods 3 Hours

Introduction to research methods in education, information retrieval systems, basic types of research, research procedures, research designs, and discussion of methods of data analysis to facilitate the understanding of research journals in the student's field of study.

*Recent Term(s) Offered: winter 2022; spring 2022; summer 2022; fall 2022; winter 2023; spring 2023; summer 2023; fall 2023; winter 2024; spring 2024; summer 2024; fall 2024*

## EDFN 501 Educational Statistics 3 Hours

Statistical methods including descriptive statistics, sampling, probability, and correlation.

*Recent Term(s) Offered: spring 2022; summer 2022; spring 2023; spring 2024*

## EDFN 505 Applied Research in Leadership 3 Hours

An examination of research methodologies and emerging technologies leaders use to investigate organizational challenges and develop data-driven solutions.

**Prerequisite(s):** LEAD 505 (may be taken concurrently) with a minimum grade of D

*Recent Term(s) Offered: None*

## EDFN 576 Issues and Trends in Education 3 Hours (repeatable max of 9 hrs)

Selected issues and problems in contemporary society, their impact upon the educational system, and the possible role of the educational system in resolving such problems.

*Recent Term(s) Offered: spring 2022; summer 2022; fall 2022; spring 2023; summer 2023; fall 2023; spring 2024; summer 2024; fall 2024*

## EDFN 603 Qualitative Research in Education 3 Hours

Qualitative research for graduate students within the educational setting. Includes the foundational theory of qualitative research, methodological designs and techniques of data collecting, analysis, and reporting.

**Prerequisite(s):** EDFN 500

*Recent Term(s) Offered: spring 2023; fall 2023; spring 2024*

## EDFN 612 Seminar in Community College Teaching 3 Hours

(repeatable max of 9 hrs)

Study of issues and topics critical to the teaching success of potential community college faculty.

**Prerequisite(s):** ADED 611 or permission of instructor

*Recent Term(s) Offered: None*

## EDFN 675 Higher Education in America 3 Hours

History, purpose, philosophy, organization, curriculum, student personnel services, financial services, and trends of the American system of higher education.

**Restriction(s):** Enrollment is limited to students in Educational Leadership (0010)

*Recent Term(s) Offered: None*

## EDFN 685 Issues in Higher Education 3 Hours

Major problem areas of academic administration with emphasis on issues and procedures of college and university level curricular development.

**Restriction(s):** Enrollment is limited to students in Educational Leadership (0010)

*Recent Term(s) Offered: None*

## EDFN 703 Field Methods for Qualitative Research 3 Hours

Developing and conducting qualitative research.

**Prerequisite(s):** EDFN 603

*Recent Term(s) Offered: None*

## EDFN 712 Research Methods and Design for Educational Leaders 3 Hours

Quantitative and qualitative research methods and design; survey design and administration; and analysis of research reports.

**Restriction(s):** Enrollment limited to students with a semester level of Doctoral Program.

*Recent Term(s) Offered: None*

## EDFN 722 Measurement and Survey Methods for Educational Leaders 3 Hours

Examination of psychometric properties of measurement instruments used in leadership research; data collection and analysis methods used in survey research; issues related to validity, reliability, and fairness; approaches to evaluate the desired properties of research tools; and quantitative data analysis.

**Prerequisite(s):** EDFN 501 or permission of instructor

*Recent Term(s) Offered: None*

## EDFN 724 Leadership in Community and Technical Colleges 3 Hours

The nature of community and technical colleges, their relationship to four-year institutions, their potential for serving work force needs, and the role of the postsecondary administrator in these settings.

**Restriction(s):** Enrollment is limited to students in Educational Leadership (0010)

*Recent Term(s) Offered: None*

## EDFN 726 Change Theory and Practice 3 Hours

Study of how effective change takes place in organizations as both internal and external forces influence institutions. Resistance to change and how to overcome these barriers will also be addressed, as well as how these changes affect the culture of the organization.

**Restriction(s):** Enrollment is limited to students in Educational Leadership (0010)

*Recent Term(s) Offered: spring 2022; spring 2023*

## EDFN 728 Postsecondary Economics and Finance 3 Hours

Postsecondary finance issues, including sources/distribution of funding, financial aid programs, declining resources, budgeting and managing resources, and generating resources.

**Restriction(s):** Enrollment is limited to students in Educational Leadership (0010)

*Recent Term(s) Offered: None*

**EDFN 732 Program Evaluation for Educational Leaders 3 Hours**

Program evaluation theory, methods, and practices with a focus on the practical craft of evaluation research; discussion of theoretical and strategic issues of program evaluation; application of quantitative and qualitative research methods to program evaluation contexts.

**Prerequisite(s):** EDLD 722 or permission of instructor

**Restriction(s):** Students with a semester level of Doctoral Program may **not** enroll.

**Equivalent(s):** EDLD 732

*Recent Term(s) Offered: None*

**EDFN 740 Intermediate Statistics and Design 3 Hours**

Content will include multiple linear regression, generalized linear models, analysis of variance, and research design.

**Prerequisite(s):** (EDLD 722 and EDLD 732) or permission of instructor

*Recent Term(s) Offered: fall 2022; spring 2024; fall 2024*

**EDFN 744 Seminar in Advanced Research Methods 3 Hours**

(repeatable max of 12 hrs)

Advanced topics in research, evaluation, statistics or measurement applied to educational or social and behavioral science problems.

**Prerequisite(s):** permission of instructor

**Equivalent(s):** EDLD 744

*Recent Term(s) Offered: summer 2024*