

**FLORIDA STATE UNIVERSITY  
COLLEGE OF EDUCATION  
PROGRAM EVALUATION CERTIFICATE**

**Purpose:**

The purpose of the Program Evaluation Certificate is to certify graduate level training in the basic concepts and skills necessary to conduct formative and summative evaluations of programs and program improvement efforts. The certificate is designed for full-time employees and graduate students who have, or will have, significant evaluation responsibilities, but little or no training in current evaluations theory and methods. The Evaluation Certificate Program will provide training in skills relating to the design, data collection, data analysis, and reporting of program evaluation studies.

The Program Evaluation Certificate is a **non-degree program** which can be completed at the student's own pace. To accommodate those who are employed full-time, courses will be offered in the late afternoons and early evenings when possible. A maximum of 12 credits earned as a special student for the Certificate may be applied toward a degree upon admission to the graduate program at the Florida State University

**Application Procedure:**

An application for admission may be obtained from Dr. Kenneth Brewer, College of Education, 307 Stone Building, Florida State University, Tallahassee, FL 32306-4453. Tel: (850) 644-8781. The applicant should confer with a PEC advisor concerning the selection of courses to be completed for the Certificate.

Any graduate student in good standing at the Florida State University, or any individual eligible to enroll as a special student (non-degree seeking), is eligible to apply for admission to the Program Evaluation Certificate program.

**Certificate Requirements**

Completion of 15 approved semester credit hours, with a GPA of 3.25 and no grade lower than a B. The program of studies must be completed within a five year period\* and include two of the three following evaluation theory and methods courses.

**EDF 5461: Introduction to Program Evaluation (3)**

**EDF 5462: Evaluation of New Educational Programs and Practices (3)**

**EDF 05464: Qualitative Evaluation (3)**

The Program Evaluation Certificate also requires a minimum of one course in data collection methods and one course in data analysis methods (see attached). None of the courses on the program of studies may be satisfied by transfer credits from other universities.

\* Exceptions can be made for those who have been working in the field of evaluation subsequent to their completion of one or more courses on the Evaluation Certificate list.

## **Approved Courses for the Program Evaluation Certificate**

### **Evaluation Theory and Methods**

- EDF 5461 Introduction to Program Evaluation (3)**  
Overview of current evaluation theory and approaches; emphasis on the basic concepts and applications of different approaches to program evaluation in a variety of public and private sector settings.
- EDF 5462 Evaluation of New Educational Programs and Practices (3)**  
Designing and implementing process (formative) and outcome (summative evaluation of program improvement efforts.
- EDF 5626 Economic Evaluation of Educational Programs (3)**  
Focus on cost, cost-effectiveness and cost-benefit analysis, and their use in different types of educational systems.
- EDF 6937-R Research and Evaluation Seminar: Evaluation of Training (3)**  
Provides an opportunity for students to develop and apply concepts and skills related to HRD and to the evaluation of training.
- EDF 6937-R Research and Evaluation Seminar: Qualitative Evaluation (3)**  
An overview of alternative discipline-based approaches to qualitative research and evaluation. Emphasis on the design of qualitative evaluation studies and the evaluator as the instrument of data collection and analysis.
- EDF 5465 Evaluation of Educational Personnel (2)**  
The application of evaluation standards to the design and implementation of personnel evaluation programs
- EVT 6790 Evaluating Vocational Education**  
Includes an overview of evaluation models and provides experiential learning in the process of evaluating educational programs at all levels of education.
- EDA 5423 Decision-oriented Educational Research**  
Concepts and methods for producing information for school improvement, including principles of total quality management.
- EDG 6364 Designing Development and Evaluation Research (3)**  
Prerequisites: EDF 5481 and 5402 or 5404  
Analysis of studies on the design, evaluation and management of instructional systems; includes practice in designing research studies.
- EME 6221 Formative Evaluation of Instructional Materials (2)**  
Prerequisites: EDG 6925 or permission of instructor.  
Procedures for the formative evaluation and revision of instructional materials.  
Formative evaluation project is carried out.
- PAD 5327 Public Program Evaluation (3)**  
Prerequisites: PAD 5700, 5701, or equivalents.  
Introduction to problems of public program evaluation methods and strategies for administrative implementation.

**ADE 5932      Methods of Participatory Research, Planning and Evaluation (3)**  
Deals with methods and experiences of participatory management and planning, and of participatory research and evaluation in a variety of contexts, including educational systems, businesses, public agencies and community organizations.

### **Data Collection**

**EDF 5432      Measurement Theory I (3)**  
Prerequisites: EDF 4440 or 5400  
Introduction to test theory; mathematical bases for operational procedures; practical applications of theory.

**EDF 5435      Theory of Scaling (2)**  
Prerequisites: EDF 5432  
Theory and application of uni-dimensional and multi-dimensional scaling techniques.

**EDF 5445      Assessment of Learning Outcomes (3)**  
Knowledge and skills necessary for assessment of learning outcomes of formal or nonformal education/training programs.

**EDF 5449      Survey Research Methods (3)**  
Designing, using, and analyzing of questionnaires for data collection. Hands-on practice in questionnaire design.

**EDF 6937      Instrument Development (3)**  
Prerequisites: 5400 co-request.  
Design, production, and interpretation of achievement, aptitudes, and attitude measures; validation and reliability of instruments.

**EDF 6475      Qualitative Methods in Educational Research (3)**  
Prerequisites: EDF 5612 and/or EDF 5630  
Introduction to qualitative methods of data collection, emphasis on participant observation and ethnographic interviews.

### **Data Analysis**

**EDF 5400      Basic Descriptive and Inferential Statistics Applications (4)**  
Descriptive statistics, hypothesis testing, confidence intervals, correlational techniques, and introduction to the general linear model.

**EDF 5401      General Linear Model Applications (4)**  
Prerequisite: EDF 5400  
Topics included are: General Linear Model Applications including multiple regression, Anova, Ancova, Aptitude-treatment interaction analysis and other techniques.

**EDF 5410      Nonparametric Analysis Applications (2)**  
Prerequisite: EDF 5400  
Considerations and application of topics in nonparametric statistics.

**EDF 5476 Quasi-Experimental Analysis Applications (3)**

Prerequisite: EDF 5401

An advanced course in research design and analysis. Primary emphasis is on increasing the validity of causal inferences made in quasi experimental and observational studies.

**EDF 6937-R Advanced Seminar: Analysis of Qualitative Data**

Prerequisite: EDF 6475 or EDF 6937: Qualitative Evaluation

Advanced techniques in the analysis of qualitative data.