



## Syllabus – Using Research to Improve Student Achievement

### Course Introduction -

- This course offers effective ideas, strategies and tools for improving academic achievement through the creation of a data-wise classroom. Using literature from today's educational leaders, you will study the process which allows educators to make effective classroom based decisions that guarantee instructional success. Using data and theory-based instructional methods to maximize student potential allows educators to sustain and develop a scientifically based classroom aimed at improving student achievement. Meeting the needs of all students is an essential task for all educators and upon completion of this course; students will understand why scientifically and action based research is an essential consideration in the context of education. Through instructional practice, literary analysis and self-reflection students will be prepared to apply "new learning's" to their individual pedagogy.

### Course Material –

- Once payment is received, students will be e-mailed a Course Completion Packet which includes all necessary information and material for course completion. Packets include information for ProQuest access, a literature list, and coursework.

### Integrity Statement –

- Students will be asked to sign an Academic Integrity Statement which discusses the structure and format of our independent study course. To successfully complete each course a high level of personal and academic integrity is required. Individuals enrolled in an independent study course are expected to adhere to the standards of academic conduct.

### Plagiarism –

- Plagiarism is a form of academic dishonesty and will not be tolerated. If in the opinion of our Governing Board there is evidence that a student has committed such an act, an immediate removal from course and loss of credit (i.e., clock hours, CEU, SB-CEUs, etc.) will result.

### Course Objectives –

- Complete initial self-reflection of evidence-based classroom practice.
- Identify strengths and weaknesses of data use in the classroom.
- Analyze literature delineating best instructional practice with relation to research based curriculum.
- Apply "new learning" to using research in your practice and pedagogy.

### Student Expectations –

- Access ProQuest to retrieve literature (a literature list will be provided upon payment).
- Analyze all literature related to course objectives.
- Complete "Literature Review" and submit work for course completion approval.

### ProQuest Information -

- ProQuest is an electronic publisher of educational journals, articles, dissertations and periodicals; you will access ProQuest and retrieve all literary documents associated with your course (Literature List will be provided). Students will access ProQuest through their personal TeacherEdOnline account.