

EDEX 639  
CRN 41465  
Fall 2002

Instructors: Toni Hood and Robin Kellogg

Online Syllabus

Using Data-Based Instruction: Special Education Level II/Masters Required Course

Course Description

This course is intended for practicing teachers in the elementary school, middle school and high school as well as practicing special educators who are interested in learning "best practices" in educating students with learning disabilities, mental retardation, and emotional handicaps. Also included are the challenges in working with students who are second language learners, students with gifts and talents, and students with multiple handicaps.

EDEX 639 has been designed to support you as you document your competencies for meeting the needs of students from ethnically/linguistically diverse cultures who also qualify for special education. In addition, EDEX 639 supports you to show how you meet the competencies for Level II Specialists Credential in California. Keep track of your work because you will be asked to show evidence for these competencies at the end of the course! Another 'bonus' is that by virtue of completing the course 'online' you will also be demonstrating technology-related competencies.

The broadest goal of this course is to empower participants to work individually or as members of a team to design, implement, evaluate, and redesign instructional programs for students with special education needs, so as to increase students' abilities to learn, live, and prosper in the most appropriate and inclusive instructional environment possible. The overall purpose of the course is to use the framework of Collaborative Action Research to help you discover the interrelationships among instructional methods and materials and the academic and social interactions of learners with exceptional needs. Indeed, you'll learn to avoid those instructional management systems that literally produce maladaptive behaviors!

Course Objectives

1. List and explain effective instructional organization and delivery strategies.
2. Relate research-based literature to effective instructional organization and delivery strategies.
3. Diagnose and assess student learning prior to instruction to
  - a) understand the nature of the student's special education needs
  - b) determine appropriate level of difficulty.
4. Design an effective instructional organization and delivery strategies to improve student learning.
5. Design a measurement system to
  - a) assess a special student's learning during instruction,
  - b) monitor student progress,
  - c) make data-based decisions,
  - d) alter instructional strategies as needed, and
  - e) summarize results using a professional reporting system.

## Course Modules

### Course Topics: General Information

DBI Topics

#### Module 1: Effective Teaching

Effective Teaching - Lecturette

Table 1 & 2

Module 1 Focus Questions: Effective Teaching

#### Module 2: What is DBI?

What is DBI? - Lecturette

Module 2: Focus Questions: Your Philosophy of Instructional Mgt.

#### Module 3: Typical "Atypical" Learners

Module 3 Focus Questions: Typical "Atypical" Learners

#### Module 4: How Does DBI Help?

How Does DBI Help? - Lecturette

Module 4 Focus Questions: Monitoring Your Student's Learning Behavior

#### Module 5: The ABCs and Es of DBI

The ABCs and Es of DBI - Lecturette

Module 5 Focus Questions: The ABCs and Es of Your DBI Project

#### Module 6: Sample DBI Projects

Sample DBI Projects

#### Module 7: Measuring & Monitoring Progress

Measuring and Monitoring Student Progress

Module 7: Culminating Essay w/Competencies

Module 7 Focus Questions: DBI Decisions and My Learner's Progress

#### Module 8: Designing / Evaluating Interventions

Module 8 (DBI Part 5)

#### Module 9: DBI Decisions / Progress Reporting

Module 9 (DBI Part 6)

Module 9 (DBI Part 7)

#### Module 10: Using Networking

Networking - Lecturette

Module 10 Key

Module 10 Focus Questions: Success is Your Outcome

## Course Schedule

### **Week of 9/9**

Attend Orientation at CSUSM on September 3rd  
Complete Syllabus Pretest  
Post Brief Autobiography (DB)  
Review Syllabus, Assignments & Activities, and Course Modules  
Print a copy of this schedule  
Read Appendix A (Handout)  
Read Sagor Text (Yes, ALL of it!)  
Read Collaborative Action Research Introduction  
Begin NIH Module (<http://cme.nci.nih.gov/>)  
Read and Complete Module I  
Complete Focus Question #1 (PM)  
Post Professional Contribution #1 (DB) (2 points)

### **Week of 9/16**

Read Lovitt(first half)  
Read and Complete Module 2  
Continue NIH Module until Certificate of Completion is achieved  
Complete Focus Question #2 (PM)  
Complete DBI Part I - Description of Setting (PM)(5 points)

### **Week of 9/23**

Complete Lovitt Text  
Complete DBI Part II – Philosophy (5 points)  
Send copy of NIH Certificate of Completion to Instructor  
Complete Evaluation of Web-based Resources #1 (DB) (2 points)

### **Week of 9/30**

Read & Complete Module 3  
Complete Focus Question #3 (PM)  
Complete DBI Part III - Description of Learners (DB) (5 points)

### **Week of 10/7**

Read and Complete Module #4  
Complete Focus Question #4 (PM)  
Complete DBI Part IV- Monitoring (PM)(5 points)

Post Professional Contribution #2 (DB) (2 points)

**Week of 10/14**

Collect data

Verify monitoring system 'works'

Post Evaluation of Web-based Resources (DB)(2 points)

Week of 10/21

Read and Complete Module #5

Complete Focus Question #5 (PM)

Continue Data Collection

Complete DBI Part V- ABC and Es of DBI (PM)(5 points)

**Week of 10/28**

Read and Complete Module #6

Complete Focus Question #6 (PM)

Continue Data Collection

Implement Interventions

Monitor Progress

Post Evaluation of Web-based Resources #3 (2 points)

**Week of 11/4**

Continue Data Collection!

Read and Complete Module #7

Complete Focus Question #7 (PM)

Complete DBI Part VI - Making Data-Based Decisions (PM)(5 points)

***DBI FACE-TO-FACE CONFERENCES at Cal State campus on Monday, November 4  
from 5-7PM***

**Week of 11/11**

Continue Data Collection!

Read and Complete Module #8

Complete Focus Question #8 (PM)

Redesign DBI, if necessary

Post Professional Contribution #3 (DB) (2 points)

**Week of 11/18**

Continue data collection

Post Evaluation of Web-based Resources #4 (2 points)

**Week of 11/25**

Read and Complete Module #9

Complete Focus Question #9 (PM)

Continue data collection

Continue ABC Analysis

**Week of 12/02**

Read and Complete Module #10

Complete Focus Question #10 (PM)

Complete Part VII – Summary (PM)

Professional Contribution #4 (DB) (2 points)

Post Evaluation of Web-based Resources #5 (2 points)

**12-06**

CAR/DBI Poster Session and Online Presentations at Cal State San Marcos from 4:30-6:30PM

**Week of 12/9**

Complete Post-Test Part I: The Wheel of DBI Knowledge (PM) (10 points)

Edit DBI Project on Web

Report any updates re data collected

Post Professional Contribution #5 (DB) (2 points)

Complete Post-test Part II: The ABCs of DBI (PM)(1 point)

Complete Case Study responses re: Irene, Kitty, Judy, Jake, Jose, and Randy (4 points each = 24 points)

**Week of 12/16**

Complete Culminating Essay (PM)(5 points)

Course Completion

Course Evaluation

Celebration of Collaborative Action Research/DBI Skills