Integrated Education and Training

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Purpose of Presentation

- Define IET and explore its relevance in today’s educational environment
- Briefly explore four IET models
- Explore examples of CALPRO’s in-person and online Community of Practice (COP) offerings
What is Integrated Education & Training?

IET is an education model that combines occupational skills training with adult education services to increase the educational and career advancement of participants.

U.S. Department of Education Office of Vocational and Adult Education
Brief Sample Readings

- Break into three groups and read first two pages of one of the following articles
  - Farther, Faster
  - The Future of Middle Skill Jobs
  - Delivering Innovation
Ok, what is IET, really?

Contextualized Learning

IET Classroom:
All students have at least one identical goal

Their specific Vocational Education

Academic education can therefore be introduced in relevant context to their specific vocational pathway
Ok, what is IET, really?

**MATH**

If I decrease this patient’s daily liquid intake by 15%, how much can she drink?

**LANGUAGE**

What is the basic format for Allied Health incident reports?
5. The welder flame-cuts this plate into seven equal pieces, each 12” long. Find, to the nearest hundredth inch, the width of each piece. Allow 3/16” waste for each cut.
Ok, what else is IET?

Basic Skills Education + Vocational Education

Integrated at the same time... in the same classroom...
What have we covered so far?
IET Summary

- Contextualized teaching
- Shared classroom authority
- Real-world application
- Student as stakeholder in their own education
- Shorter pathway to employment (or shorter pathway to higher education)
We have looked at the *What* of IET . . .

but what about the . . .
Why We Need IET

The San Diego Union-Tribune • Monday March 19, 2007

Marshall Ramsey THE CLARION LEDGER

You have to shoot from there...
First, a *basic skills* definition

Basic skills are those foundation skills in reading, writing, mathematics, and English as a second language, as well as learning skills and study skills, which are necessary for students to succeed in college-level work.
Why We Need IET

California has a significant number of students entering college at the BASIC SKILLS level.

Of the 3 million CC students, 2 million are basic skills deficient

2/3!
Why We Need IET

- Can you visualize a moment on campus, or class, or an interaction in the cafeteria, bookstore, or library where a basic skills deficient student is not involved?

  - Clearly, the problem is immense.
Why We Need IET

- Of those basic skills deficient students, half—1 million—will not pass even the basic skills courses they enroll in.

- Those students are under-prepared for employment, and most likely will have limited personal choices and closed pathways.
Why We Need IET

- Passing basic skills courses is not enough; students also must be ready to succeed in college-level work.

- Of those that did succeed in their basic skills course, only about 50% (500,000) will succeed in their next level of education.
Only about 20-25% of the original basic skills students will succeed in their basic skills course and their entry level college level course.

Less than 20% go on to get their AA or AS

This is one of our success rates that is passed to the legislature in the Accountability Report of the Community Colleges
Why IET? - because we need it!
Effective Practices

Let’s look at some effective practices of basic skills instruction and compare them with the outcome goals of IET.
Effective Practice D.1

“Sound principles of learning theory are applied in the design and delivery of courses in the developmental program.”
Effective Practice D.2

“Curricula and practices that have proven to be effective within specific disciplines are employed.”

From: Basic Skills as a Foundation for Student Success in California Community Colleges. The “Poppy-Copy”
Effective Practice A.4

“Institutional policies facilitate student completion of necessary developmental coursework as early as possible in the educational sequence.”

From: Basic Skills as a Foundation for Student Success in California Community Colleges. The “Poppy-Copy”
“The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.”

--Allan Toffler, futurist
The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn.

The illiterate of the 21st century will not be those who cannot read and write, but those who cannot apply what they learn.
IET’s relevance?

Application of Knowledge!
Four IET Models
The Four IET Models

- I-Best
- Alternating Teachers
- VESL / VABE Specific classes
- Cluster VABE / VESL
I-BEST: Theory and Goals

*Integrated Basic Education & Skills Training*

- I-BEST theory pairs two instructors in the same classroom at the same time.
- Introduces basic academic skills to students in context to the vocational pathway the student has chosen.
- Provides opportunities for the students to access and improve their soft skills.
Alternating Teachers

First One Class

Basic skills class (ESL or ABE/ASE) with a basic skills instructor

Then the Other

Technical skills class with a technical skills instructor
VESL / VABE-Specific Classes

- Entire class focuses on targeted content
- Uses sheltered English in VESL classes
- Prepares students to work in a specific field
Cluster VESL / VABE Classes

- Greater variety of student goals in a single class

First

- All students are together and class has a general workplace focus
- Use general ABE / ESL methods

Then

- Students break off into groups based on their career fields
- Use vocationally specific materials
Part 3

Samples of CALPRO Offerings and Resources
IET Interviews

http://www.calpro-online.org/onlinevideolibrary/iet.asp

✓ I-BEST Model Interviews
✓ Alternating Teachers Interviews
✓ VESL Specific Interviews
✓ VESL Cluster Interviews

✓ Interviews with Administrators, Teachers, Coordinators, and Support Staff.
Face-to-Face Communities of Practice

Training Goal

 Create an action plan for putting into place the necessary foundations for implementing an integrated education and training (IET) model.

Main Objective

 Each agency will develop an integrated, comprehensive action plan for implementing an effective IET program.
Let’s get back into groups and look briefly at:

**Three I-BEST case studies**

1. Sit in groups.
2. Read your assigned case study.
3. Discuss with your partners anything you see that is surprising, interesting, or could be improved.
4. Report back to whole group. Summarize the case study and your discussion.
Training Goal

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Main Objective

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Let's visit Moodle

http://moodle.calpro-online.org/

Pre-Reading Activities
The following three articles and vocabulary handout provide an orientation to key content and terminology that will be used throughout our course. Getting familiar with these by the end of Week 1 is the goal. Share your reactions to them in the “Summary of Background Readings” discussion forum.

Week 1 Activities
- Discussion Forum: Getting to Know You
- Discussion Forum: Course Goals, Objectives, and Syllabus
- Discussion Forum: Implementation
- Webinar #1 - Tuesday, April 16 @ 12:30pm-1:30pm
- Discussion Forum: Summary of Background Readings

April 16 - April 22
Week 2: Exploring Key Components of Four IET Models of Implementation

This week we will work in small groups and explore, in greater depth, four models of implementing IET introduced in Week 1. We will discover key components in successful IET programs and share any previous experience we have had with these models.

Week 2 Activities
- Review the PowerPoint to gain an understanding of the four IET Models.
- Webinar #1 - Makeup Assignment
- IET Week 2 [PPT]

Please select one model below and review the case study. Refer to the corresponding discussion forum to respond to the eight prompt questions.

Afterwards, review the postings in the other three models and make your postings for two pros and two cons to each model by Sunday, April 21st.
Please check the CALPRO Website to see what options will be available for IET:

www.calpro-online.org
Thank You for Attending!

- We value your feedback
  - Please fill out the evaluation form.
    - Return the evaluation to your presenter.