

Integrated Education and Training

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(CALPRO)

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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 on-line 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



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?

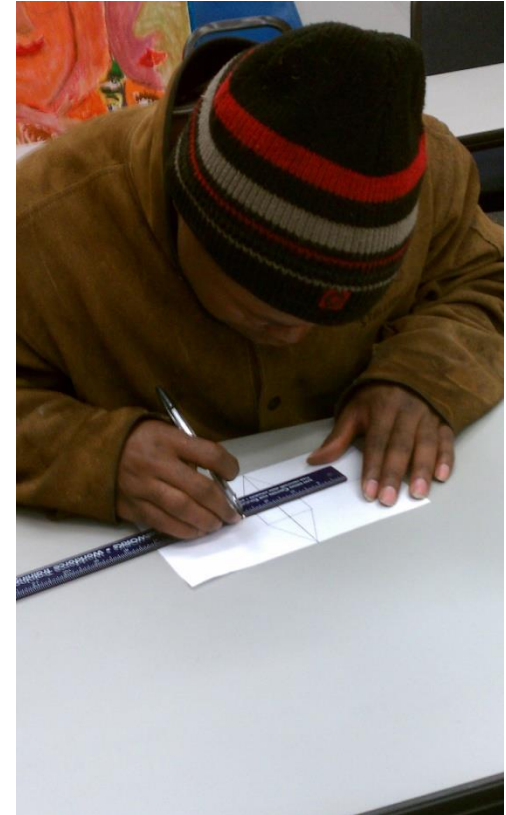
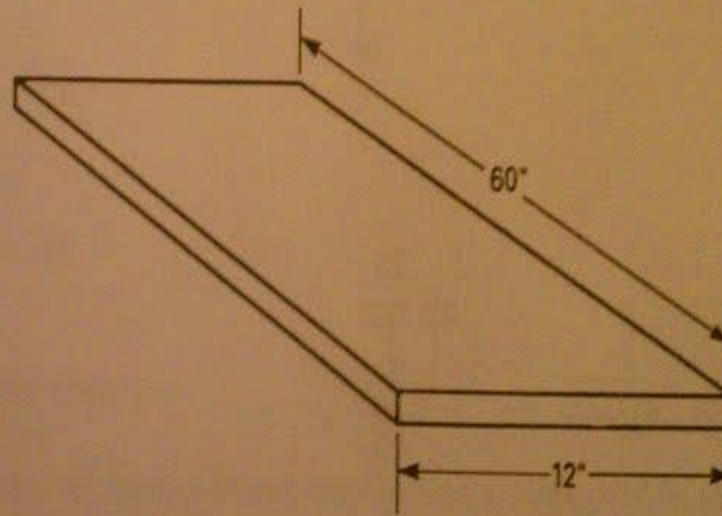
LANGUAGE

What is the basic format for Allied Health incident reports?



Ok, what is IET, really?

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 $\frac{3}{16}$ " 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?

- 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 . . .

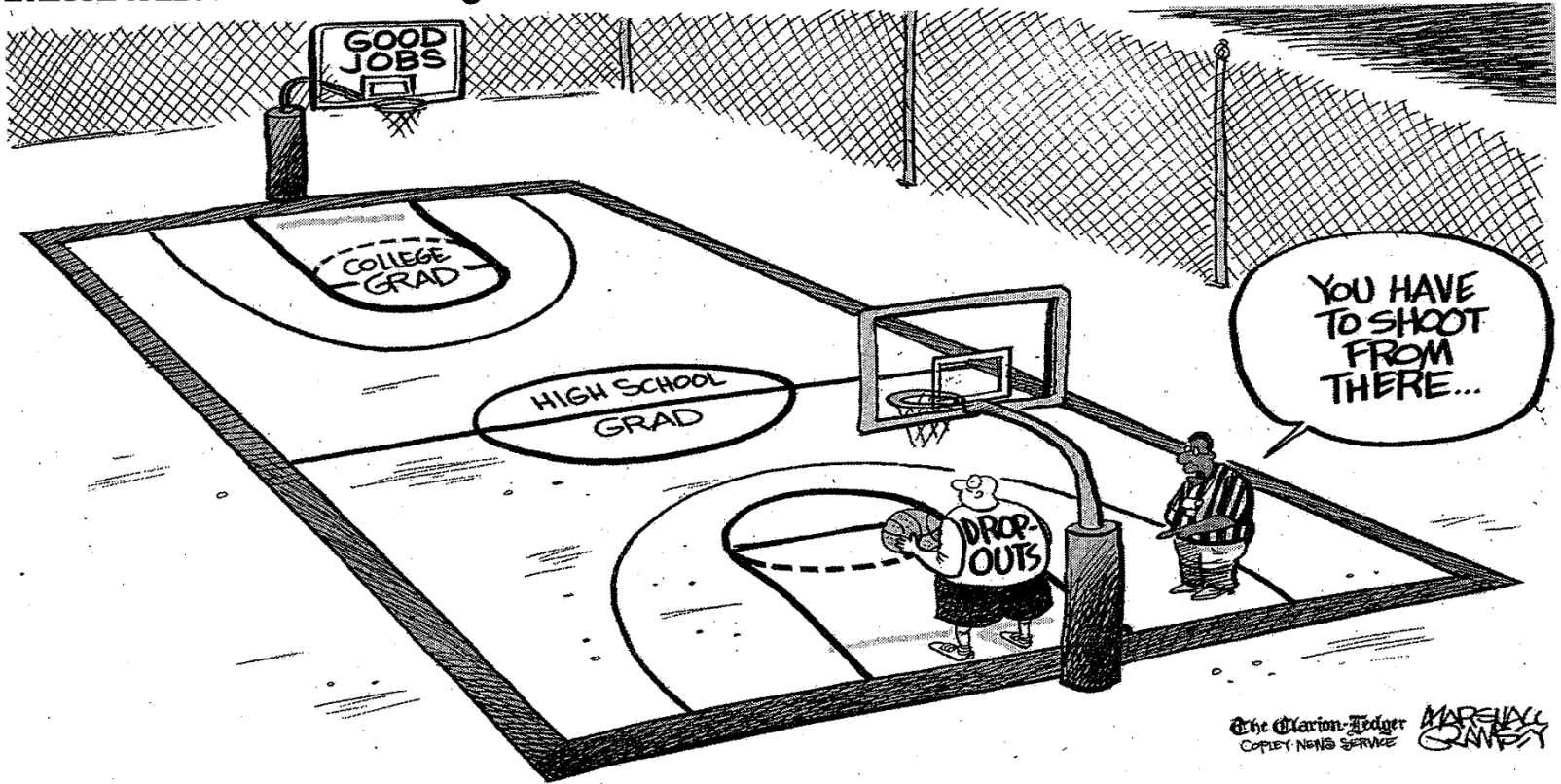
but what about the. . .



Why We Need IET

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

Marshall Ramsey THE CLARION LEDGER



Why We Need IET

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.

Why We Need IET

- 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!



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.”



Effective Practice A.4

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



“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.

**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

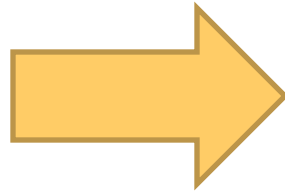


Alternating Teachers

First One Class

Then the Other

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



Technical skills
class with a
technical skills
instructor

VESL / VABE-Specific Classes

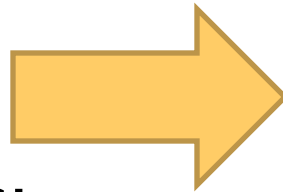
- Entire class focuses on targeted content
- Uses sheltered English in VESL classes
- Prepares students to work in a specific field

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

Samples of CALPRO Offerings and Resources



<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.



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.*



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File Edit View Favorites Tools Help

http://moodle.calpro-online.org/course/view.php?id=51

Inbox (16) - corle.huffman@g... Course: Integrated Educatio... CALPRO - California Adult Lite...

Corle Huffman 9:16 PM, May 2
Week 4 (Next Steps) more...
Older topics ...

People

Participants

Online users (last 30 minutes)
Corle Huffman

Messages
No messages waiting
Messages

Navigation

- My home
- Site home
- Site pages
- My profile
- My courses
 - IET_04092013
 - Participants
 - Reports
 - General
 - April 9 - April 15
 - April 16 - April 22
 - April 23 - April 29
 - April 30 - May 6
 - May 7 - May 13
 - May 14 - May 20

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.

- IET Pre Reading Key Terms
- Delivering Innovation Economy Skills While Wisely Using Public Funds
- The Future of Middle Skill Jobs
- Farther Faster - CLASP

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.