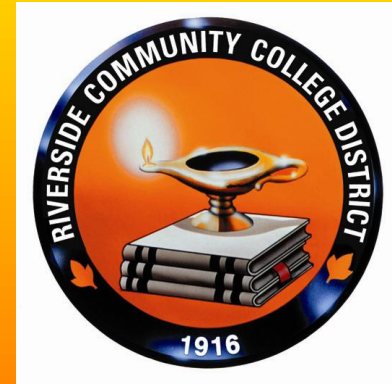


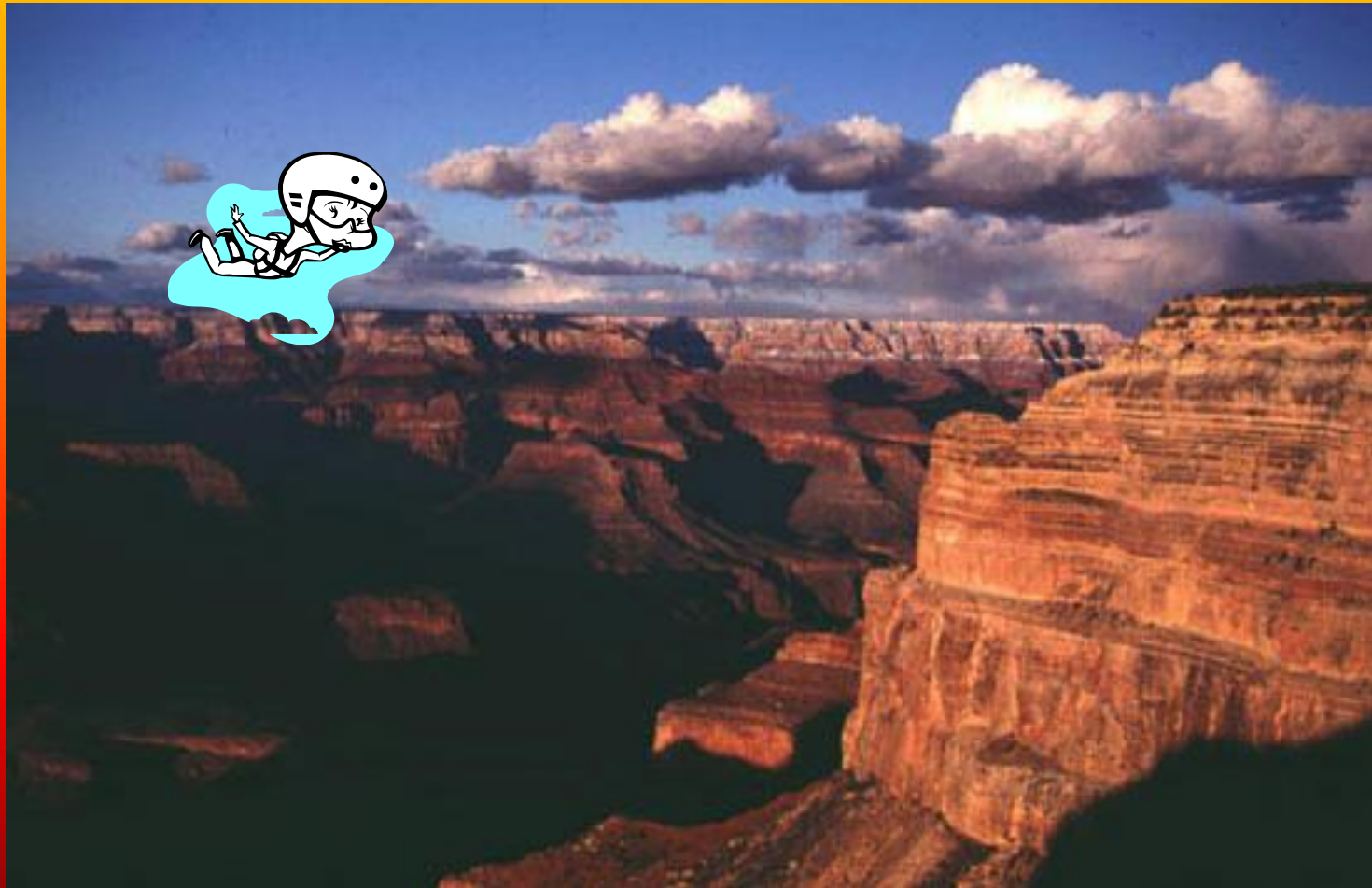
Riverside Community College District

CLOSING THE GAP EDUCATION AND INDUSTRY:

USING DACUM TO CREATE
COHESIVE CURRICULUM IN FIRE
INVESTIGATION



THE GAP



WHAT SHOULD WE TEACH?

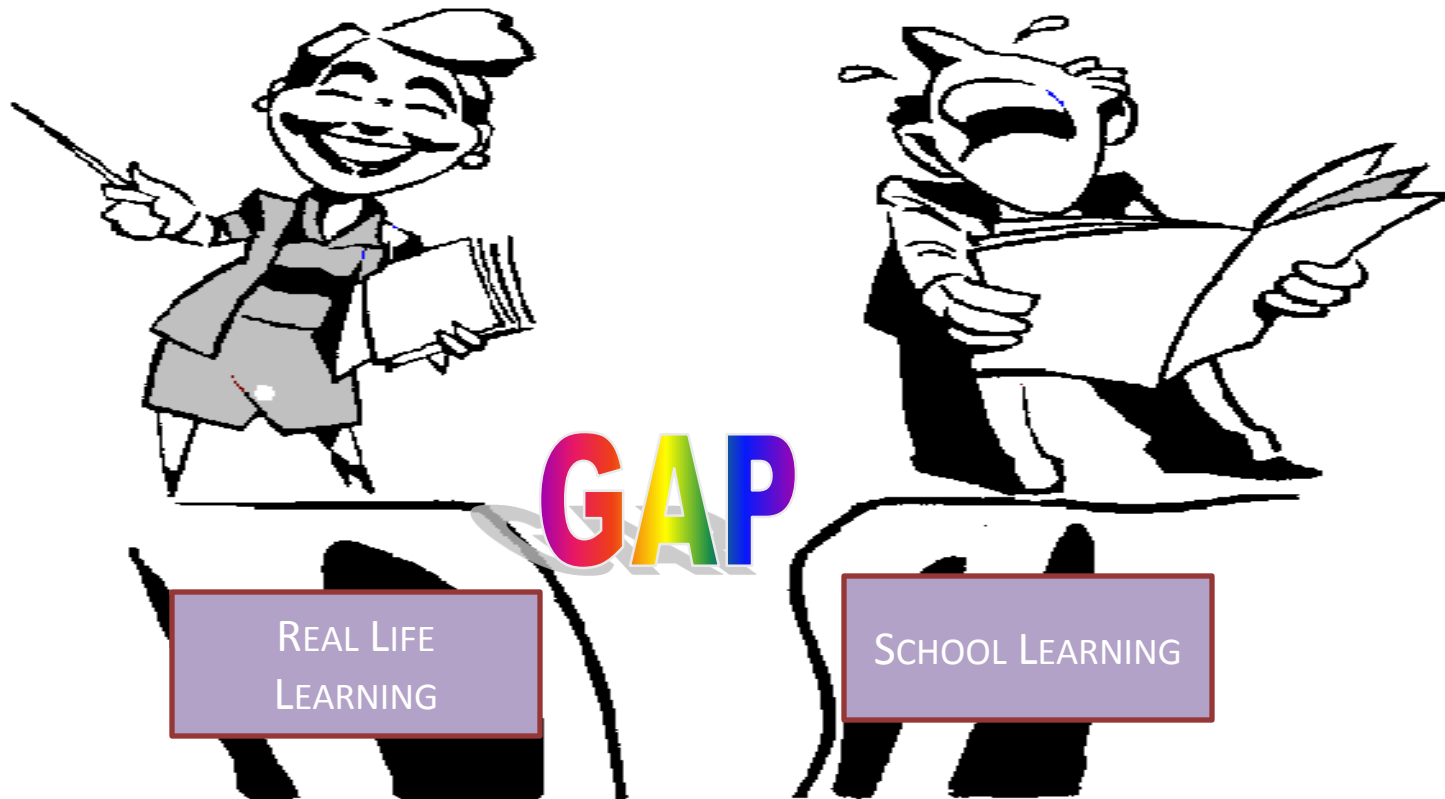
- WHAT WE KNOW BEST?
- WHAT WE WERE TAUGHT?
- WHAT WE ENJOY TEACHING?
- WHAT THE TEXTBOOK HAPPENS TO INCLUDE?

OR

- WHAT THE STUDENT/WORKER NEEDS TO SUCCEED IN THE WORKPLACE?



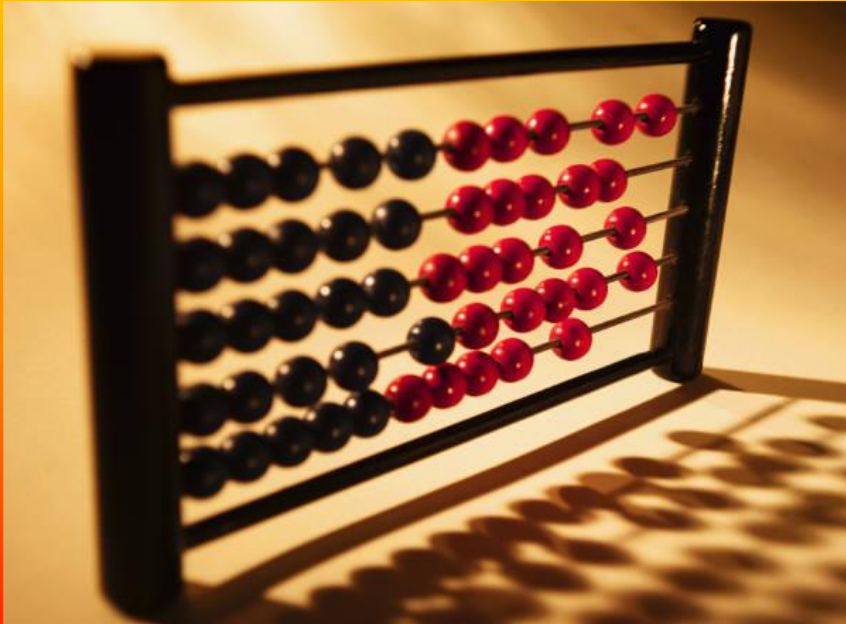
TEACHING FOR REALITY



RIFT OR SHIFT?



COMMON ERRORS



2007-08 ENROLLMENT

- FIRE OFFICER
- CHIEF OFFICER
- FIRE ACADEMY
- FIRE INVESTIGATION



WHY FIRE INVESTIGATION?

- POPULARITY
- STATEWIDE STUDENT BASE
- FULL CLASSES (INCLUDING PRIVATE COURSES)
- NATURAL COHORT
- INSTRUCTOR AND INDUSTRY BUY-IN



HMMMMMM..... ARE WE ON TO SOMETHING?

- DATA INDICATED AN INDUSTRY NEED
- ADVISORY COMMITTEE AND FACULTY WERE SUPPORTIVE
- LOCAL FIRE INVESTIGATORS “GOT IT”
- FACILITY AND FACULTY TO TEACH IT
- PROPS AND EQUIPMENT TO MAKE IT RELEVANT



*Most people don't
plan to fail—
They fail to plan!*



DEVELOPING A CURRICULUM U M



WHAT IS DACUM?

**THE EASY BUTTON FOR
CURRICULUM
DEVELOPMENT,
REVIEW, AND REVISION**

- ✘ WHAT KIND OF PROCESS IS IT?
- ✘ WHO USES IT?
- ✘ WHY IS IT USED?



DACUM PHILOSOPHY



**THE EXPERT WORKER
(SME)**



FIRE INVESTIGATOR EXPERT WORKER

- IDENTIFICATION
- INVITATION
- PROFESSIONAL DIFFERENTIATION
- GENDER MIX
- GEOGRAPHIC REPRESENTATION
- YEARS OF EXPERIENCE
- POLITICS



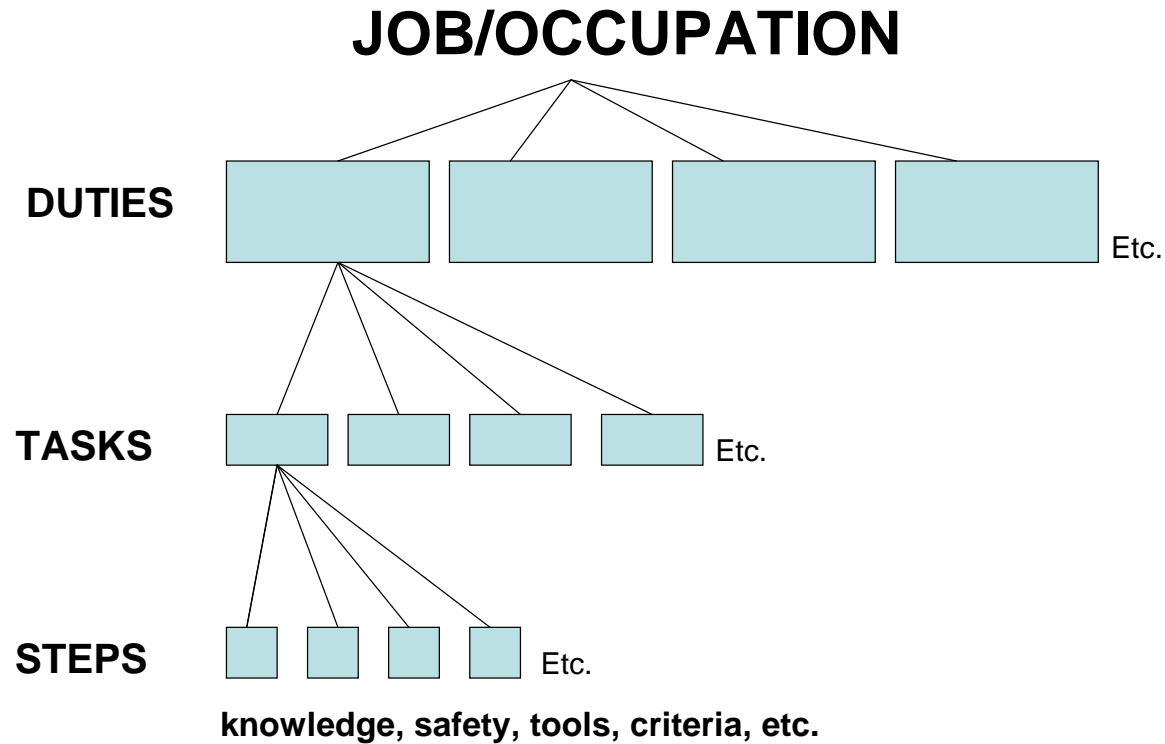
WHAT IS A JOB MADE OF?

WHOLE JOB

**JOB DIVIDED INTO
DUTIES**

**DUTIES DIVIDED
INTO TASKS**

THE KEY



BRAINSTORM

■ JOB

CAR OWNER

■ DUTY

MAINTAIN ENGINE



TASK VERIFICATION SURVEY



- WIDER AUDIENCE
- ADDITIONAL INFORMATION CAN BE OBTAINED THAT MAY NOT HAVE BEEN CONSIDERED BY THE ORIGINAL PANEL
- MODIFICATIONS
- SOUND DATA FOR DECISION MAKING
- GAINING VALUABLE PUBLIC RELATIONS SUPPORT



USING THE DATA

- CHART COURSE(S)
- VALIDATE OR INVALIDATE PRIOR ASSUMPTIONS
- DEVELOP/REFINE PROGRAM OUTCOMES (SLOs/OBJECTIVES) BASED ON SME
- EVIDENCE & SUPPORT FOR APPROVAL PROCESS
- EARLY MARKETING BASE



FINAL OUTCOME- FIRE INVESTIGATION

- APPROVED BY CAMPUS AND DISTRICT FOR DEVELOPMENT IN SPRING 2009
- REMAINING COURSES ARE BEING WRITTEN-FALL 2009
- PROJECTED APPROVAL IN 2010
 - RESULTS WERE A 20.5 UNIT STATE CERTIFICATE
 - PACKET GOES TO THE CCCCCO'S OFFICE SPRING 2010
 - FULL IMPLEMENTATION IN FALL 2011



DOES YOUR PROGRAM NEED A DACUM?

- CONTACT:
 - ELIZABETH HARVEY
 - 951-334-1477
 - WWW.TELOSES.COM



