



ACEIT E-News: 2010 ACEIT User Workshop

Overview

Issue 38 – August 2009

In this Issue: New Tip of the Month on modeling an advance buy, information about the 2010 ACEIT User Workshop on January 25th – 27th, 2010, and announcing the new Refresher training course!

Tip of the Month: Model an advance buy in the Lead/Lag column in Ace

Did you know that you can easily model an advance buy using the Lead/Lag column in ACE? You can lead or lag values multiple years, if desired. The following example shows how to specify various fractions of years and portions of values to lead.

ACE Inputs:

WBS/CES Description	Equation / Throughput	Phasing Method	Lead/Lag	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Input Values	[Input Throughput]	IS					100	100	100
Lead 100% of values 1 year	Inputs	F	1.1						
Lead 25% of values 1 year	Inputs	F	1.0.25						
Lead 10% of values 2 years	Inputs	F	2.0.10						
Lead 25% of values 1 year, 10% of values 2 years	Inputs	F	1.0.25.2.0.10						

ACE Results:

WBS/CES Description	Total	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008
Input Values	300.000				100.000	100.000	100.000
Lead 100% of values 1 year	300.000			100.000	100.000	100.000	
Lead 25% of values 1 year	300.000			25.000	100.000	100.000	75.000
Lead 10% of values 2 years	300.000		10.000	10.000	100.000	90.000	90.000
Lead 25% of values 1 year, 10% of values 2 years	300.000		10.000	35.000	100.000	90.000	65.000

The following table shows the math behind the calculations:

Yearly Values	2003	2004	2005	2006	2007	2008
Yearly Values				100	100	100
Lead/Lag Year, Fraction						
1, 1			100	100	100	
1, 0.25			25	75 + 25-100	75 + 25-100	75
2, 0.10		10	10	90 + 10-100	90	90
1, 0.25, 2, 0.10		10	25 + 10-35	65 + 25 + 10-100	65 + 25-90	65

ACEIT Highlight: 2010 ACEIT User Workshop

2010 ACEIT User Workshop

This workshop is a premier venue bringing together active users, casual users, decision makers, academia, and ACEIT community members to share their expertise and insights. The focus of 2010 is the versatility of ACEIT solutions—highlighting its efficient operation, open architecture, and unlimited power.

***New this year** - you will earn 1 SCEA CEU credit for attending the workshop. You can earn an additional credit for presenting a paper!

Keynote Speaker

We are excited to have Mr. Wilmot N. (Dub) Summerall, III, Executive Director for Combatants (within PEO Ships) as the Keynote Speaker. As a member of the Senior Executive Service, Mr. Summerall provides leadership to more than \$46 billion in complex, new construction shipbuilding programs that will define the 21st century surface combatant fleet.

Download the [2010 Workshop Flyer](#)

Download the [Call for Papers Flyer](#)

[Register](#) on ACEIT.com

Training Highlight: New Course Offering

ACEIT 101a: Refresher – Reviewing and Updating ACE Models

Course Length: 2 Days (8:30am – 4:30 pm) Prerequisites: Students must have attended the ACEIT 101 or Basic ACEIT training course. (Basic ACEIT was replaced by the ACEIT 101 this year).

Objective: This course is designed to refresh your knowledge of the ACEIT software through hands-on training. It is intended for former or infrequent ACEIT users, reviewers and managers. It focuses on techniques for reviewing, understanding, and updating an existing ACE model using the latest features and employing modeling “best practices”. If you are a frequent user, but have not had training in several years, this course will bring you up to speed on the latest time saving techniques.

Topics covered:

- Reviewing an Estimate
 - o Reviewing an Existing ACE Model
 - o Viewing Model Documentation and Reports
 - o Tracing Model Logic
 - o Reviewing the Model’s Uncertainty Assumptions and Results
- Updating an Estimate
 - o Updating/Adding Project Estimate Input Data
 - o Defining Estimating Methods and Spreading Costs Over Time
 - o Automating Methodologies Using Functions
 - o Running Excursions: Creating What-if Cases
 - o Briefing the Results: Creating Key Reports in ACE and POST

Training Schedule

Sep 2009 – Dec 2009 classes are listed below. For a complete listing of all upcoming training and course descriptions, check the [ACEIT training schedule](#).

****We have new Training Locations – Boston, MA & Colorado Springs, CO****

	Sep	Oct	Nov	Dec
ACEIT 101: Introduction to ACE, COSTAT and POST	1-4 LA 22-25 WDC Waiting List	27-30 Boston, MA	3-6 Colorado Springs, CO	8-11 WDC
ACEIT 101a: Refresher - Reviewing and Updating ACE Models		19-20 WDC		
ACEIT 201: Using ACEIT Libraries, COSTAT, & Plug-ins	22-23 Houston, TX		17-18 WDC	
ACEIT 301: Advanced Functions and Estimate Logic in ACE		13-14 Houston, TX	3-4 LA	
POST 103: Introduction to POST				17-18 Las Vegas, NV
RISK 102: Introduction to Cost Risk Analysis and ACEIT RISK				15-16 Las Vegas, NV
RISK 201: Using ACEIT RISK for Solving Risk Estimating Problems	24-25 Houston, TX		19-20 WDC	
Training Bundle - 4 Day (RISK 102/POST 103)			3-6 Boston, MA	

On-Site and Mechanics Training are available; contact our [Training Coordinator](#) for more information.

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