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Happy New Year!

We would like to wish all of you a very Happy New Year from the ACEIT staff. We look forward to the coming year and are here to help you with all your ACEIT needs -- from training to support services. Let us know how we can assist you!

Tip of the Month – Function Focus: MatColCol()

Do you ever need to multiply columns of numbers and sum them to a total?

This tip highlights the MatColCol() function which allows you to multiply a time-phased table of data by a column of data. This example calculates total personnel costs given individual labor category rates and personnel requirements by year. MatColCol needs the following information:

MatColCol (Num_Rows, @FiscalYr_Matrix, @Constant_Matrix, Col)

Num_Rows – The number of rows in both the *FiscalYr_Matrix* and the *Constant_Matrix*. Both matrices must have the same number of rows.

@FiscalYr_Matrix - The matrix that contains *Num_Rows* rows and *n* fiscal years of data.

@Constant_Matrix - The matrix of *Num_Rows* rows and *y*-columns. (NOTE: This can be a matrix with data stored in the fiscal year columns OR it can be a vector with data stored in the Equation/Throughput column.)

Col – The column index in *Constant_Matrix* to multiply by each fiscal year's column vector in *FiscalYr_Matrix*. If *Constant_Matrix* is a vector, this value can be any number. Otherwise, an index of 1 corresponds to the first fiscal year of the session, 2 corresponds to the second year, etc.

	WBS/CES Description	Approp	Unique ID	Point Estimate	Phasing Method	Equation / Throughput	Fiscal Year	Units	FY 2013	FY 2014	FY 2015
1	Total Personnel Cost	3500		\$ 48,375.0 *	F	MatColCol (@FyQty, @PayR, 1)					
2											
3	INPUT VARIABLES		IN_VAR								
4	*** Personnel Requirements										
5	Personnel Labor Rate		PayR	\$ 525.0 *							
6	Labor Category 1	3500		\$ 200.0 *	C		200	2013	\$K		
7	Labor Category 2	3500		\$ 175.0 *	C		175	2013	\$K		
8	Labor Category 3	3500		\$ 150.0 *	C		150	2013	\$K		
9											
10	Personnel Requirements by Year		FyQty	275.0 *							
11	Labor Category 1			105.0 *	IS	[Input Throughput]			10	45	45
12	Labor Category 2			75.0 *	IS	[Input Throughput]			10	30	30
13	Labor Category 3			95.0 *	IS	[Input Throughput]			10	40	40

Results:

Row	Cost Element	Approp	Total	FY 2013	FY 2014	FY 2015	FY 2016
1	Total Personnel Cost	3500	\$ 48,375.0	\$ 5,250.0	\$ 20,250.0	\$ 20,250.0	\$ 2,625.0
2							
3	INPUT VARIABLES						
4	*** Personnel Requirements						
5	Personnel Labor Rate		\$ 525.0				
6	Labor Category 1	3500	\$ 200.0				
7	Labor Category 2	3500	\$ 175.0				
8	Labor Category 3	3500	\$ 150.0				
9							
10	Personnel Requirements by Year		275.0	30.0	115.0	115.0	15.0
11	Labor Category 1		105.0	10.0	45.0	45.0	5.0
12	Labor Category 2		75.0	10.0	30.0	30.0	5.0
13	Labor Category 3		95.0	10.0	40.0	40.0	5.0

Support Alert

POST 7.3a with Excel 2010: If you are receiving the error “Failed to connect to the POST Add-In”, [click here](#) for steps to remedy the problem. Please contact ACEIT_Support@tecolote.com if you have any questions.

New Washington DC Training Facility

We are pleased to announce that we have selected a new training facility for all our Washington DC ACEIT training. Gestalt Partners will be the home to ACEIT training. Gestalt is located between 13th and 14th Streets, NW on G Street. Training is on the 10th floor in Suite 1020.

Gestalt Partners
 1325 G Street, NW
 Suite 1020
 Washington, DC 20005

[Book your 2013 ACEIT training now!](#)

ACEIT Training Schedule

	Feb	Mar	Apr	May
ACEIT 101: Introduction to ACE, CO\$TAT and POST	26-1 El Segundo, CA		16-19 WDC	
ACEIT 201: Next Steps in ACE, CO\$TAT, and POST		19-22 WDC		
Training Bundle - 4 Day (RISK 102/JACS)				21-24 WDC

On-Site and Mechanics Training are available, contact [ACEIT Training](#) for more information.

RISK 102/JACS Training Bundle Available – May

RISK 102 introduces you to the process of modeling the uncertainty in your point estimate. The course covers the basic concepts of uncertainty analysis and teaches you how to systematically apply uncertainty distributions to your estimate.

JACS teaches you how to load time-dependent and time-independent costs into your MS Project schedule and assign uncertainty to task cost and durations. You will learn how to model a Risk Register to ensure that your discrete risks properly influence your integrated cost/schedule model. You get hands-on experience defining uncertainty and correlation. You will use the automated health checks to identify errors, determine schedule, cost and uncertainty conflicts, and flag where best practices are not being used. Learn how to generate a variety of graphical reports to analyze Joint Confidence Level (JCL) results and to identify cost, schedule and uncertainty drivers.

[RISK 102/JACS – Washington DC – May 21-24](#)

ACEIT Certification/Compliance Documentation

To view the documents, visit the [Compliance Documentation page](#) on aceit.com.

ACEIT Version Compatibility

ACEIT is designed to run in a Microsoft Windows operating system. Some ACEIT applications, such as CO\$TAT and POST, require Microsoft Office to run. Please see the table below for version compatibility:

ACEIT Version (release date)	Windows OS Version	Microsoft Office Version
7.3a (March 2012)	XP, Vista, Windows 7 (32 or 64-bit)	2003, 2007, 2010 (32-bit only)
7.3 (April 2011)	XP, Vista, Windows 7 (32 or 64-bit)	2003, 2007, 2010 (32-bit only)
7.2a-003 (July 2010)	XP, Vista, Windows 7 (32 or 64-bit)	2003, 2007, 2010 (32-bit only)
7.2a (April 2010)	XP, Vista	2003, 2007
7.2 (Dec 2009)		

View your ACEIT version and release date by selecting Help>About in any ACEIT application.

