

Advanced Estimating & Value Engineering Training

- ✓ Latest Tools, Technology Data Sources
- ✓ Estimating Strategic Benefits, including, Estimating Societal Benefit
- ✓ Implementing Value Engineering on Feasibility, Design, Development and Construction Projects.

This program Provides Advanced understanding of Cost Engineering Issues.

A 2 week Workshop

What is Covered in this Program

Estimates are determinations of Future Costs. Any prediction of the future is full of dangers - assumptions or scenarios form hidden backbones of any estimate. For reasonable prediction of the future an understanding of the behavior of a number of "present indicators of likely future costs" is essential. To control the accuracy of our estimates an analysis and monitoring of these "indicators" can assist us develop Early Warning Systems - so appropriate decisions can be taken before it is too late.

In this age of information the Estimating professional can have access to a number of sources of information to assist him obtain realistic estimates –but the problem of relevance or applicability of the data to your organization needs to be sorted out. All these methodologies and more will be discussed in this program.

PROGRAM CONTENT

(Subject to Customization by Program Director based on Participant Group)

Day 1

- Registration
- Program Introduction
- Program Overview
- Estimating & Value Engineering Problems

Day 2

- Bidding & Negotiation Issues
- Understanding "Value" for your Organization
- Understanding "Value" for your Customer
- Impact of Contract Conditions on Estimates
- Good Practices in Estimating (Quality Assurance)

Day 4

- Value Engineered...
- Work Scope & Objectives: Physical, Documentation & Strategic
- Planning & Scheduling

Day 5

- Value Engineered Estimating Methodology

Day 6

- Computer Tools for Estimating
- Value Engineering Implementation Step-by-Step Methodology
- Quality Assurance in Estimating

Day 7

- Understanding Strategic & Customer Focus for Estimating Function
- Good Practices for Estimating Management

Day 8

- Best Practices for Estimating Management

- Program Recommendations and Your Action Plan

Day 9 (Workshop)

- Hands on Preparing an Estimate for a Project using Checklists & Forms
 - Feasibility Project
 - Design Project
 - Construction Project

Day 10 (Workshop)

- Hands on Value Engineering Analysis for a Project.

This program builds on the skills developed in EST200 program. It covers advanced concepts in Estimating including: Information Technology Tools, Quality Assurance Methodology, Contractual Aspects and Management Issues in Effective Estimating and Value Engineering.

Program Outcomes and Take-Away/s

Euro Training is in the business of providing practical useful training programs. Programs that

1. Help the participant implement improvements in his organization.
2. Help the participant gain Multi-discipline understanding of the issues so that he can incorporate the needs and expectations of all his stakeholders/ customers in his improvement proposals and actions.
3. Help build a knowledge framework in which job related experience can be caught and remembered as his experience.

Typical participant will take away a personalized action plan for himself, his business unit or his organization on how to apply the program contents to improve performance. The action plan may have two components:

1. A Personal Action Plan
2. A Business Unit/Organizational Action Plan

Benefits to Organization

Sending participant/s to this program will benefit the organization in the following ways

1. Quickly makes the participants competent, effective and productive on his job. Useful especially for
 1. Training New employees
 2. Competency Building in Existing Employees Transferred to a New Assignment
 3. Training Prior to a New Project or Initiative Planned in the Organization
2. Create Competency in the employee to perform his job well. including in relation to
 1. Relevant Technical Knowledge, Skills and Competencies
 2. Organizations' Strategic Objectives
 3. Needs and Expectations of the Stakeholders/ Customers (internal & external)
 4. Good Management Practices
 5. Identifying opportunities to Exceed Stakeholder/ Customer Expectations
3. Create a pool of trained manpower who can cost-effectively disseminate the knowledge to large number of employees inside the organization. This is made possible by Euro Training's unique easy to understand and use methodology based on Checklist & Quality Assurance Approaches.
4. Euro Training Instructors often act as mentors for your trained employees. A most effective way to ensure effective competency development and application by your motivated staff. We do have consultants available across Americas, Europe, Asia and

Africa (Please inquire about our post program mentoring plans)

Participant Individual Career Benefits

1. You gain a multi-discipline understanding of the issues. Meaning when you make proposals and decisions on your related job you will keep in mind the needs and expectations of ALL the stakeholders/customers (internal & external)
2. The action plan you take away will help you make a difference in your business unit or organization. This difference when added to your resume will make you a prime candidate for career advancement in your own organization or in your next job/s.
3. Understanding and acting with understanding of the Needs and Expectations of your stakeholders/customers is known to enhance Job Satisfaction and reduce Monday Morning Blues.
4. As one of your stakeholders/customers is Executive Management, therefore the program ensures you will know the Strategic Imperatives that Drive the Organization's Efforts in your relevant job area. In the process enabling you to make a leadership contribution.

This Program is Intended for...

Those new to the field take away a good multi-discipline understanding of the issues involved in the program works. It helps them become productive quickly and builds in them a knowledge framework that will help identify, understand, classify and remember on the job experiences in his memory.

More experiences participants take-away an individualized action plan as mentioned elsewhere in this technical sheet.

Implementation Teams: This program can be used to train implementation teams where...

1. a new project or initiative being started in your organization
2. a new strategic focus is being initiated
3. just prior to a Consultant being hired to advise the organization.

Each participant will take away a memorable and potentially life changing experience from the program.

No limitations are being placed on who can attend. If you are interested in the Program Outcomes and Takeaways, or, feel you can benefit from the Organizational and Personal Benefits mentioned above - You are Invited to Register for this Program. Program Instructors have the knowledge, experience and access to resources required to customize the program to the specific job related needs of each program group.

Professionals with responsibility to Estimate, Review Estimate, Approve Project Budgets, Evaluate Proposals and Variation Orders and Control Costs. These will include Estimators, Managers, Engineers, Cost Engineers, Planning Engineers, Work Administrators, Project Supervisors, Project Managers, Management Consultants, Management Auditors, Cost Controllers etc..

Language of Instruction

Unless otherwise stated the program instruction is in Standard Day-to-Day English. Participants can request the instructor to provide a program vocabulary which will ensure they have no problem understanding the content.

Other language versions are being developed by our consultants and regional partners including program in **French, German, Spanish and Arabic**. Please do contact us for your specific language needs.

Registration Recommendations

Team Nominations: Since the program aims to ensure the participants have his individualized improvement plan at the end of the program, and foreseeing the effort involved, anticipating resistance and implementation requirements it is

recommended that the organization nominate **at least two participants together** (three will be more desirable to allow for attrition) for this program.

It is anticipated that these 2 or more participants will work together as a team or provide mutual support in order to implement the action plan.

Single nominations will also be accepted for the program. Single nominations are typically used to:-

1. Develop personnel skills in Critical Skills and Methodologies covered in this program.
2. Audit this program for deciding its content and methodology's effectiveness in meeting your organizational needs
3. Train individuals for Leadership Roles in Business unit or department. Here this program will help the participant coach and lead his team in these Critical Skills and Methodologies. (Program does not typically cover coaching skills but provides the related technical understanding in an easy to communicate manner.)

Latest Program Dates

- www.EuroTraining.com/bro/est201.html
- www.EuroTrainingUK.com/bro/est201.html

Program Objectives...

This program will build the following skills:

- How to go about preparing estimates ensuring Quality Assurance in Estimate Completeness and Accuracy?
- How to obtain Realistic Cost Estimates?
- Advanced Methodologies for Material Takeoff from Specifications Drawings and Quality Assurance Checks.
- How to ensure that these Estimates have been prepared after application of Value Engineering Analysis.

- How to Setup Estimating Cost Control Early Warning Systems.
- Effective use of Estimating Information Technology Tools - Estimating Organizing and Historical Cost Database System Development.
- The Sources of Estimating, Prediction and Value Engineering Information (including that available on the internet) and How to Interpret them to be relevant to your organizations estimating needs.

Euro Training Credentials...

Euro Training Ltd has been providing world-wide training in Practical Estimating and Cost Control for the last 15 years. The Gulf participants list for Euro Training programs includes most of the Oil Companies, Ministries, Major Consultants, Contractors and Business Groups – References available on request.

Why is Value Engineering Important in Estimating Study?

It is cost-effectiveness. It is doing away with waste of resources. This is what management is looking for in this increasing globalized and competitive marketplace. Value engineering, is the systematic analysis of the functions of a program, project, system, product, item of equipment, building, facility, service, or supply, performed by qualified personnel or contractor personnel, directed at improving performance, reliability, quality, safety, and life-cycle costs.

Program Style

The Program extensively relies on Quality Assurance Checklists and Case-Study Approach to Estimating. Program emphasis is on practical skills required by the job function. Management based on facts is emphasized – in place of based on "feelings". Discussion, implementation and case studies will be based on actual conditions prevailing in the area where the program is being held.

REGISTRATION FORM	
Program:	Advanced Estimating & Value Engineering Training EST201
Location Where Attending:	
Program Dates:	
Whether Participant will Consider Alternate date if one requested is not available:	
Participant Name Prefix: Mr/Ms/Mrs	
Participant Name:	
Participant Job Title:	
Participant Department & Section:	
Participant Employer/ Company:	
Participant's Present Job Responsibilities:	
Participant Email Address:	
Participant Mobile Number:	
<u>Sponsored by:</u>	
Sponsoring Company:	
Job Title of Sponsoring Authority:	
Name of Sponsoring Authority:	
Email of Sponsoring Authority:	
Fax of Sponsoring Authority:	
Telephone Nos. of Sponsoring Authority:	
Web Site of Sponsoring Company:	
Invoice Reference:	
Invoicing Address:	

REGISTRATION INFORMATION

- To register: Please send us an official letter confirming registration (on organizational letterhead or Authorized Email).
- Program Fee is
 - USD \$8,900 per participant and includes Course Materials, Certificate, Refreshments and Lunch. (Fee at London, Paris and Kuala Lumpur is \$9,790 per participant)
- Accommodation Service Charges, Taxes/VAT (if applicable) is not included in Program fee. Special accommodation rates will be available at venue hotel for the participants.
- Special discount of 10% is offered for participants who pay their fees at least 45 days before start of the program.
- Refund will not be considered where the participants cancels his registration less than 3 weeks before start of the program. Alternate nominations will be allowed anytime before program start.
- All participants are required to fill in Participant Information form - on first day of the program. Each program Undergoes Customization to Better Meet Participant Present and Future Career Needs. Please be prepared to let the Instructor/s know about your organization's Special Needs, Interests or Initiatives.
- It is always useful for participants to bring their existing problems or case studies, work-process flow charts or job related problems for discussion - consideration will be at sole discretion of the program director/s.
- Provisional Registration : You can make a provisional registration by sending us an email – an official registration request can be made within 2 weeks. This will ensure we will reserve a seat. All provisional registrations automatically cancel 2 weeks before program start.