

SMEs TRAINING**COURSE PROFILE****EEE components procurement: Different Cost Areas and their Relevance****Duration: 1 day****Objective(s):**

Electrical, Electromechanical and Electronic (EEE) components are key elements within each space mission. Related costs to EEE parts definition, procurement, acquisition and the intensive test requirements to be qualified for aerospace use and before being launched in a spacecraft need to be carefully accounted for and considered at early project phases. Only after a proper execution of all previously mentioned tasks the mission is successfully developed. This course develops the theoretical knowledge and the practical examples to show the importance of knowledge and good estimations of costs at a very early project stage.

Description:

The main goal of the course will be the provision of knowledge to make attendees aware of the impact the pitfalls in EEE procurement can cause into the initially foreseen project budget with the related schedule delays due to funds not available. The course will cover in depth each of these areas as follows:

- Selection of compliant parts
- Quality
- Schedule
- ITAR management
- Standard products vs customer ones
- Inspections and Testing
- Re-design costs
- Quality assurance costs
- Budget Constraints
- ...

Training Methods:

The course will be divided into theoretical and practical sessions.

The theoretical session will be oriented to provide the entire theoretical basis to be able to carry out an assessment of the different cost areas that need to be considered when working in a project.

In the practical session the trainee/(s) will be asked to identify the different cost areas that need to be taken into consideration for different given examples, fully guided by ALTER TECHNOLOGY experts on different EEE component types.



Target Group:

All staff and contractors/engineers/scientists who wish to have an insight of different costs areas that need to be considered when working on a project.

Trainer:

ALTER TECHNOLOGY TÜV NORD qualified personnel.

Provider:

ESTEC

The course will take place in ESTEC (The Netherlands). The expenses may be paid either by ESA's training budget (if you are ESA staff) or by your company's personal training budget (if you are a contractor).

Please contact your local training coordinator for more information.

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