

Facilitation Skills For Six Sigma Black Belts



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**Creating &
Managing A
Learning
Environment**

**Instructional
Techniques**

**Structuring
The
Learning**

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Creating & Managing A Learning Environment

Instructional Techniques

Structuring The Learning

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- **Create A Climate For Learning**
- **Facilitate Adult Learning**
- **Ask Questions To Manage A Group**
- **Elicit The Group's Help In Dealing With Problem Behaviour**
- **Use Verbal Reinforcers**

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- **Classroom Preparation**
- **Qualities Of Effective Instructors**

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- **Classroom Preparation**
- **Qualities Of Effective Instructors**
 - **Open To Change**
 - **Understanding Participant Needs**
 - **Accepting All Learners**
 - **Flexible**
 - **Sense Of Humor**
 - **Democratic**
 - **Involved In The Class**
 - **Knowledgeable About The Subject**

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Instructor Competency

- **Instruction is a process. Your mastery of instructional skills will enable you to help your group achieve desired learning objectives or outcomes**
- **How do I measure my competency as an instructor ?**
 - **Outcomes in terms of your learners**
 - **Outcome of an individual topic or activity to find out whether learning objectives were met**
 - **Outcome of the entire course for overall course objective**

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▪ **Characteristics of adult learning**

	Children	Adults
▪ Experience	Minimal experience base to judge new experience or learning	Considerable experience base to judge new experience or learning
▪ Self Concept	Dependent upon others - parents, teachers, school ...	Dependent on achievements as independent self directed individuals
▪ Readiness to Learn	Dependent upon physical maturity & overall growth & development	Dependent upon perceived importance of what is to be learned – need to know
▪ Time	Postponed application of learning	Immediate application of learning to solve personal, social or occupational problems

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- **Characteristics of adult learning**
- **Characteristics of adult learning situations**
- **How an instructor can use the needs of adult learning as motivators**
- **Describe a learning objective**
- **How learning objectives facilitate learning**

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- **Characteristics of adult learning**
- **Characteristics of adult learning situations**

- **Design of course / program is problem-centred rather than content-centred**
- **Encourages the active participation of learners**
- **Draws upon and uses experiences of learners**
- **Climate is collaborative (learner-learner and learner-instructor) rather than the authoritative**
- **Instructional activities tend to be experimental rather than just the dissemination of information**
- **Evaluation needs to be a reappraisal or reassessment of learning needs and interests – continuous improvement**



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- **Describe a learning objective**
- **How learning objectives facilitate learning**

- 
- **Clarify Objectives**
 - **Test Understanding**

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- **Questioning techniques to manage a group**

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- **Techniques for handling problem behavior**



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▪ **Techniques for handling problem behavior**

↓
**Guidelines for sharing responsibility for
Group Management:**

- **Observe signs of problems**
- **Share observations with the group**
- **Ask for verification & suggestions**
- **Make a decision based on consensus**

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- **Positive & Neutral reinforcers are important tools for motivating a group**
- **Use Positive Reinforcers to reward correct or appropriate responses**
- **Use Neutral Reinforcers to neutralize incorrect or inappropriate responses instead of “turning off” the participant with a negative statement**

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Listening tips for instructors



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Tips for dealing with stage fright



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END OF MODULE - 1

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Instructional Techniques

Give Feedback

Ask Questions To Promote Learning

Use Prompting, Paraphrasing & Clarifying Techniques

Use Visual Aids As Instructional Tools

Use Examples & Analogies

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Guidelines for providing feedback

Approach:

- **Solicit the other person's impressions first**
- **Describe observed behavior**
- **Check for agreement or disagreement with your observations**
- **Give an opportunity for the other person to suggest alternate behaviors**
- **Share and explore ideas rather than give advice**
- **Close without pressure, leaving the other person with the option to change**

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Feedback should be:

- **Timely**
- **Specific and descriptive**
- **Non-evaluative**
- **Goal-oriented**
- **Limited**
- **Two-way**

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Guidelines for preparing question

- **Creative (Asking for ideas)**
- **Logical (analysing, defining, classifying, explaining, comparing, interpreting etc.)**
- **Memory-Sensory-Feelings**

Unplanned Questions:

- **Ask for explanation**
- **Explore relationships**
- **Explore interpretations**

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Guidelines for Prompting, Paraphrasing, & Clarifying

- Prompting (encourages elaboration)

Use to draw out more information or to get the participant to elaborate on what was said. Use reinforces as an effective prompting techniques

- Paraphrasing (restate to verify interpretation)

Restating a participants response in different words to make sure you understand what was said and to encourage elaboration

- Clarifying (use it to reduce vagueness)

Seeking direct clarification or stating what you think and ask for verification or ask for definition of key words

Case Study

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Using the flipchart



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Using the Notebook & LCD Projector



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Use examples & analogies to:

- **Relate learning to skills**
- **Arouse participant interest**
- **Introduce a topic or activity**
- **Relieve tension**
- **Clarify a difficult concept**
- **Personalise information**
- **Make a presentation convincing**
- **Create a mental or visual image**
- **Make new learning seem familiar**

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Instructional methods:

- **Lecture presentation**
- **Discussion**
- **Brainstorming**
- **Case Study**
- **Role Play**
- **Games / Activities / Exercises / Energisers**

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END OF MODULE - 2

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Structuring the Learning

Transition

Topic Introduction

Focus Attention
On The Topic

Provide Clear
Directions

Closure

Guidelines for achieving transitions:

- Ask a series of questions to arouse interest before introducing a new topic
- Explain reason for moving on the new topic
- Use an anecdote or example that relates a topic to the next
- Use a visual aid



Structuring the Learning

Transition

Topic Introduction

Focus Attention
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Provide Clear
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Closure

Guidelines for introducing a topic:

- Explain the nature of the topic
- Review the learning objectives – what participants can expect to gain as a result of the topic
- Relate the value and utility of the topic to the real world or why the learning will be helpful



Structuring the Learning

Transition

Topic Introduction

Focus Attention
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Provide Clear
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Guidelines for focusing on the topic:

- Ask questions related to the topic
- Ask a participant to summarize
- Trace the progress of the discussion
- Refer to objectives
- Make the observation that the group is off track and ask their help in returning back to the objective
- Make the observation that time is limited. Express the need to get back to the subject. If necessary, set aside time later to discuss the topic off-line.



Structuring the Learning

Transition

Topic Introduction

Focus Attention
On The Topic

Provide Clear
Directions

Closure

Guidelines for ensuring closure:

- Summarise what the group has been doing or, preferably, ask a participant to summarize
- Summarise learning outcome and record on flipchart
- Relate summary to the original objectives
- Ask for feedback on comfort level of participants

