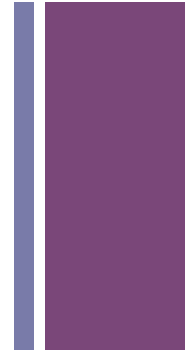


ADDIE MODEL
Fariza Khalid



Need Assessment?



Needs Assessment



- To assist professionals in making recommendations about how to solve the problem or to introduce the new technology
- To respond to a request for assistance
- Role : Gives us information at the beginning of effort about what is needed to improve performance

(Rossett, 1995)



Why we do needs assessment?



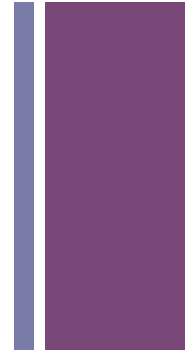
- Expected performance
- Actual performance
- Feelings (how students feel about – the topics, confidence, etc)
- Causes of performance problems (e.g. lack of skills/knowledge, environment, improper incentive, unmotivated etc)
- Solutions for causes of performance problems (must be based on the indentified causes)



Example of finding solutions



Causes	Solutions
Lack of skills/knowledge	Training /drill and practice Scaffolding Selection of better approach
Flawed environment	Improved tools /approach Classroom re-design
Improper incentives	Better support Improved incentives
Unmotivated employees	Coaching Better support



Goal analysis??

+ Goal Analysis

■ Purpose for instruction

- **Eg** The purposes of this “module” would be to:
 - introduce the concept of “ADDIE MODEL”
 - provide some basic principles of good instructional planning
 - allow the learners to practice (“learn by doing”) the ADDIE Model
 - provide feedback to “coach” the learners in the development of quality ADDIE Model skills.



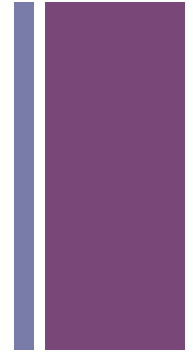


- **The instructional goal**

- **Eg Students** *will be able to demonstrate basic abilities to explain the steps in ADDIE Model and explain how to apply it in their instructional activities.*

- **How skills would be demonstrated**

- By explaining to the class, by creating a scenario on a problem in teaching



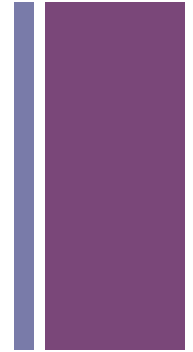
Learner analysis??



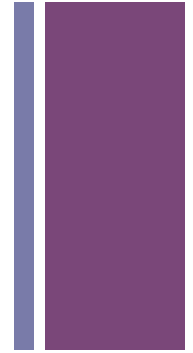
Learner analysis



- **A general description of the learners**
 - Eg: Learners are new to the concept of Instructional Technology . Typically, they recently obtained knowledge on pedagogy and psychology aspect.
 - However, most of them are familiar with using technology for social networking.



- **A general description of the performance context**
 - **eg**The performance context for this skill is within the scope of Instruction Technology content.
 - This skill will be performed initially when assigned a case and reassessed and revised as new information about a student is discovered



Context analysis??



Context Analysis



- **A general description of the learning context**
- The learning context will generally be in the GE2153 course. A “coaching session” will be conducted at the end to provide feedback from a tutor
- **A description of the tools the learner will require to achieve the goal**
- A computer workstation connected to the network, web browser software, Adobe Reader, and an email account will be required to complete this instruction/training.
- Online resource materials will be available to introduce the subject, provide information regarding the topic, a space for gaining feedback from the students regarding the whole session they went through.



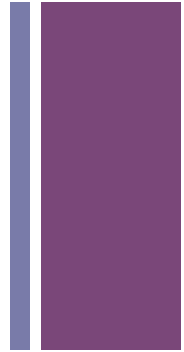
ADDIE



- **Analyze:** Define the needs and constraints
- **Design:** Specify learning activities, assessment and choose methods and media
- **Develop:** Begin production, formative evaluation, and revise
- **Implement:** Put the plan into action
- **Evaluate:** Evaluate the plan from all levels for next implementation

+ Analyze

- Determine the purpose
- State the audience
- State the objective (what learner should be able to do)
- Select the tool/equipment





Design



- Choose the content (outlines, flowcharts, storyboards, and/or sketches)
- Choose the tools (organize by topic/context)
- Organize by topic/context
- Review your plans (strengths and weaknesses)



+ Develop

- Develop the material/intervention
- Make reflections on the appropriateness of the material/intervention
- Write reflection statements



+

Implement

- Use the material or carry out the intervention





Evaluate

- Evaluate the effectiveness of the material in relation to the purpose and context.
- Changes and additions should be done when necessary

