

# ADDIE Design

## Instructional Design Document

Dr Shuh Shing LEE

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| STEP 1 : ANALYSIS                                                                   |                                                 |
|-------------------------------------------------------------------------------------|-------------------------------------------------|
| Topic (Pick a small topic)                                                          |                                                 |
| Target audience analysis                                                            | Who are the audience?<br><br>How do they learn? |
| What are the current issue(s) with the audience's learning pertaining to the topic? |                                                 |
| How can this topic being taught?                                                    |                                                 |
| Why is technology needed?<br>What type(s) of technology is/are required ?           |                                                 |
| What is the timeline of this project?                                               |                                                 |
| What is the cost of this project?                                                   |                                                 |

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|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| What are the learning outcomes for this topic?         | <i>Tips: Do also consider attitude and skills domain apart from knowledge domain while writing your learning outcome.</i> |
| What is the prior knowledge required for this topic?   |                                                                                                                           |
| Will all the content being delivered using technology? |                                                                                                                           |

#### STEP 2 : DESIGN

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-reading                                    | Before starting the design phase, read <a href="https://sites.google.com/view/shuhshing/technology-enhanced-learning/ebme">Mayer's 12 principles of Multimedia Learning</a> (Text Version) <a href="https://sites.google.com/view/shuhshing/technology-enhanced-learning/ebme">https://sites.google.com/view/shuhshing/technology-enhanced-learning/ebme</a> (Graphic Version)                                                          |
| Prototype design                               | Based on Mayer's 12 principles of Multimedia Learning, design your prototype using PowerPoint.<br><i>Tips: Think through</i> <ul style="list-style-type: none"><li>i. how would you exclude extraneous information/media</li><li>ii. how would you segment the content to avoid content overload</li><li>iii. the types of audio and visual and when is required</li><li>iv. the activities in between to engage the learners</li></ul> |
| Decide on the technological tools/applications | Click <a href="#">here</a> to view some technological tools/applications                                                                                                                                                                                                                                                                                                                                                                |

#### STEP 3 : DEVELOPMENT

|             |                                                                                                                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pre-reading | If you are planning to produce a video, read <a href="#">7 Ways to Get Professional Quality Video from Your Smartphone</a> .<br>If you are planning to produce a Power Point slides, read <a href="#">Twelve tips for effective PowerPoint presentations for the technologically challenged</a> |
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### STEP 4 : IMPLEMENTATION

### STEP 5 : EVALUATION

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|-------------------------------------|--|
| How will you evaluate your product? |  |
|-------------------------------------|--|