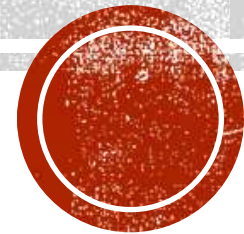


# **GUIDELINES FOR DEVELOPING AN ONLINE COURSE**



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- Approaches of e-learning
- Types of e-learning content
- Creating interactive content
- Assessment in e-learning



# APPROACHES OF E-LEARNING

- **Self-Paced e-Learning**
  - Product oriented learning
  - Learners are offered e-learning courseware which is complemented by supplemental resources and assessment tasks.
  - Learners are free to learn at their own pace and to define personal learning paths based on their individual needs and interests.



- **Instructor-led e-Learning**

- A linear curriculum that integrates several content elements and activities into a chronological course or syllabus.
- The course is scheduled and led by an instructor and/or facilitator through an online learning platform.
- Supporting resources can be integrated with instructor's lectures, individual assignments and collaborative activities among learners.



# TYPES OF E-LEARNING CONTENT

- Simple learning resources
- Interactive e-lessons
- Electronic simulations
- Job aids



## Synchronous

Synchronous events take place in real time. Synchronous communication between two people requires them to both be present at a given time.

- Chat
- Video and audio conference
- Live webcasting
- Application sharing
- Whiteboard
- Polling



## Asynchronous

Asynchronous events are time-independent. A self-paced course is an example of asynchronous e-learning because online learning takes place at any time.

- E-mail
- Discussion forum
- Wiki
- Blog
- Webcasting



# INSTRUCTIONAL METHODS IN AN E-LEARNING ENVIRONMENT

Expositive Methods	Application Methods	Collaborative Methods
<ul style="list-style-type: none"><li>• Presentations</li><li>• Case studies</li><li>• Worked examples</li><li>• Demonstrations</li></ul>	<ul style="list-style-type: none"><li>• Demonstrations</li><li>• Practice</li><li>• Case-based exercises</li><li>• Role plays (creating situations)</li><li>• Simulations and serious games</li><li>• Guided research Project work</li></ul>	<ul style="list-style-type: none"><li>• Online guided discussion</li><li>• Collaborative work</li><li>• Peer tutoring</li></ul>



# CHARACTERISTICS OF E-LEARNING CONTENT

Learner-  
centered

Granular

Engaging

Interactive

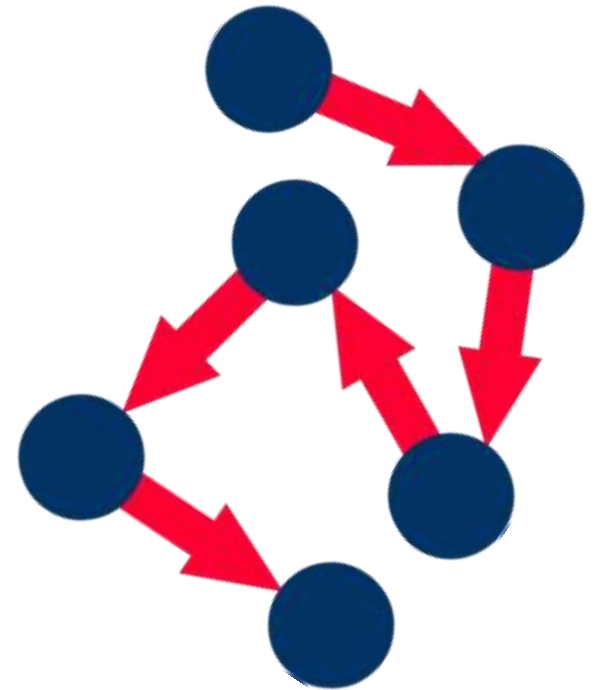
Personalized





# E-LEARNING CONTENT SEQUENCING

- **Deductive Sequencing:** Theory is presented before an example or case and reflects a behavioral approach to emphasize response strengthening.
- **Inductive Sequencing:** Reflects a constructive approach, where emphasis is on the active processes learners use to build new knowledge by evaluating the example or case before they are presented with theory.



# SOME E-LEARNING IDEAS



padlet



# ASSESSMENT IN E-LEARNING

- Focus on learning goals and expected achievement
- Reflective nature



# ASSESSMENT METHODS IN E-LEARNING

- Rubric method
- Discussion posts
- Peer Evaluation
- Show & Tell
- Reflective Commentaries
- Response to a video
- Self-assessment
  - *At what moment did I feel most engaged?*
  - *Which information did I find most affirming and helpful?*
  - *Which information did I find most puzzling or confusing and do I need to study again?*



**THANK YOU!**

