Yong Liu





Contents

- The current e-learning
- How learning works
- What a good Moodle course should do
- Conclusion



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The current e-learning (Wilson 2016)



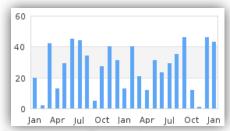
Mobile Learning



Gamification



Social Media



Big user data to process



Automation



Personalized Learning

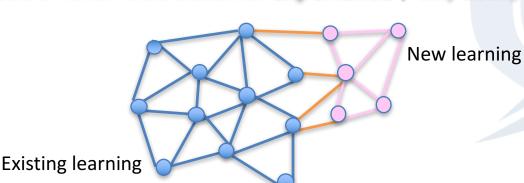


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How learning works

- What is learning
 - The acquisition of knowledge or skills through study, experience, or being taught (Google Dictionary 2016)
 - Learning occurs when students construct their own meanings, usually out of their prior learning and experience, and of course out of their instructional experience (Petty 2009)



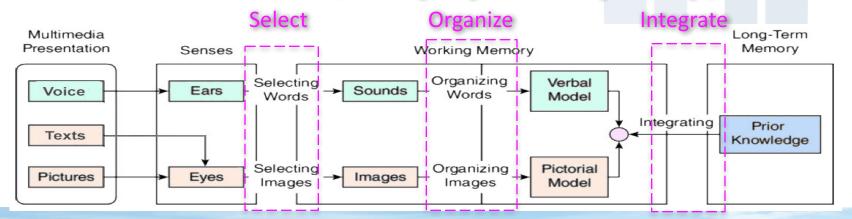


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How learning works

- How people learn from multimedia lessons (Mayer 2016)
 - ♦ Dual channels visual/pictorial material and auditory/verbal material
 - ★ Limited capacity only a few pieces of information in each channel can be actively processed at one time
 - ◆ Active processing —learning occurs when people engage in appropriate cognitive processing during learning (i.e. attending to relevant material, organizing the structure of the material, and integrating it with existing knowledge)

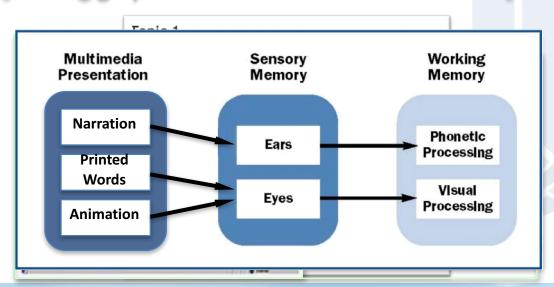






What a good Moodle course should do

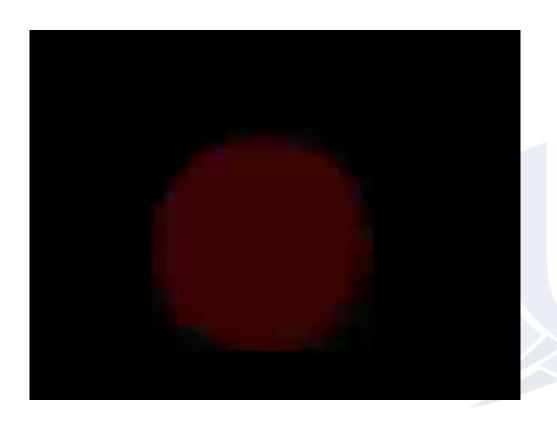
- Minimize extraneous processing Reduce unnecessary info
 - ♦ Remove redundant/gratuitous graphics
 - Place text near related graphics
 - ♦ Explaining graphics with audio instead of text if possible







What a good Moodle course should do





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What a good Moodle course should do

- Manage essential processing Simplify complex content
 - ♦ Segment content into small chunks (Moodle topics...)
 - ♦ Adding graphics to words

Loosen the Wheel Nuts

- Once the wheels have been secured, loosen the wheel nuts by:
 - Position the tire iron so the handle rests at nine o'clock.
 - Grasp the wrench near the end and pull up in a counter clockwise direction.
 - Loosen the wheel nuts about a half turn of the wrench.



Loosening the wheel nuts before raising the car prevents unnecessary strain on the emergency brake. The weight of the car helps hold the wheel in place so your tire iron turns the wheel nuts rather than the wheel.





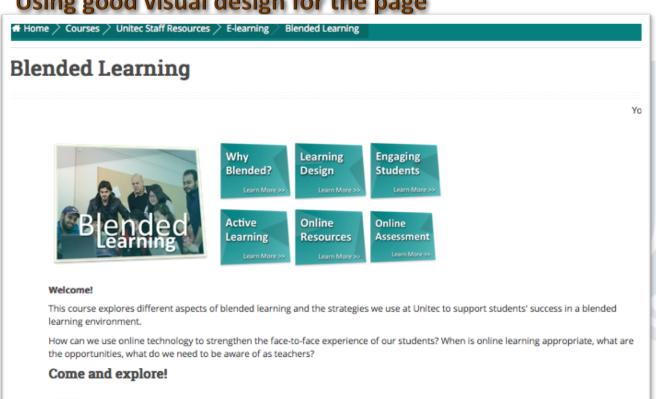
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What a good Moodle course should do

Manage essential processing (Mayer 2016)

♦ Using good visual design for the page









What a good Moodle course should do

Foster generative processing – Fully engage student

♦ Collaboration









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♦ Peer teaching

























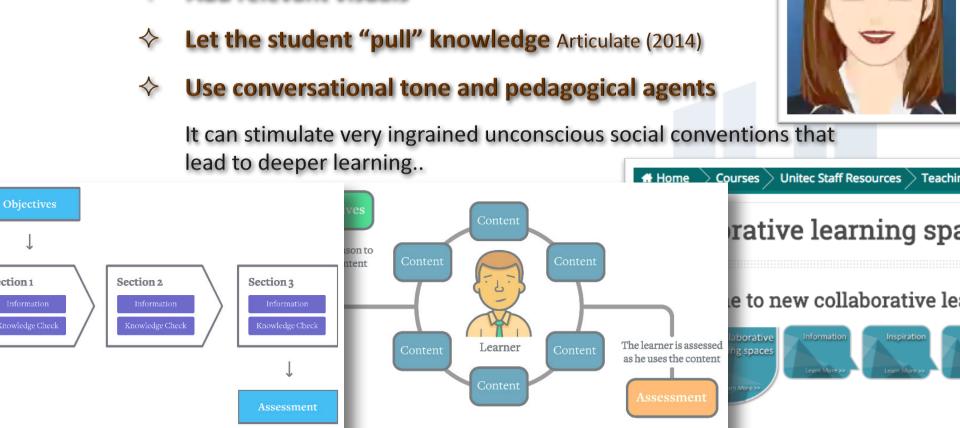






What a good Moodle course should do

- Foster generative processing (Mayer 2016)
 - **♦ Add relevant visuals**







Conclusion

- Always put the student engagement in the first place
- Multimedia contents must support essential processing and generative processing of the learning
- Use brain's phonetic and visual channels efficiently
- Fully use Moodle activities/interactions
- Let the student "pull" knowledge



AND ASSESSMENT OF TAXABLE PARTY.



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Questions

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http://www.slideshare.net/yong_liu/what-is-a-good-moodle-course

Avatar URLs: http://www.sitepal.com, http://www.voki.com