



Divide lectures into 10 -20 minute sections

- Enables learners to consolidate and retain information from the lecture
- Insert Questions, reflection, notetaking prompts

Source: Patterson et al. (2019)



Integrate instructor presence into recording

- Encourages a sense of instructor “immediacy” and teaching presence
- Example: videotape the instructor delivering the lecture

Source: Jacobi (2016)



Include slides, audio, and transcripts

- Enables better note-taking and review of material
- Enables learning through various sensory channels: auditory, visual

Source: Jacobi (2016)



Embed interactivity (e.g., questions, activities) throughout lecture

- Supports retention of newly learned information
- Integrate quizzes, knowledge checks, animated diagrams and graphics, illustrations, explanatory videos, supplements with hyperlinks for further examples

Source: Jacobi (2016); Griswold et al. (2017)

ONLINE LECTURES: EVIDENCE-BASED BEST PRACTICES



What students found effective

- Ability to review material
- Concise delivery closely aligned with objectives
- Informative/highlights of key points
- Helpful examples
- Connect lecture content to other instructional materials and activities

Source: Jacobi (2016)



Integrate storytelling techniques

- The 4 Cs enhance retention and recall: *causality, conflict, complications, character*
- Use case studies, anecdotes, personal examples
- Structure the lecture as a story

Sources: Willingham (2004); Choi (2008)



Digital storytelling examples

- Real-life examples
- Interactive lectures
- Creative examples
- Viewer feedback
- Instructor storytelling
- High-quality video edits
- Instructor demonstrations of content
- Attention getters to generate interests
- High-quality video footage
- Humor

Source: Choi (2008)

Works cited

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