Research-Based Practices for Online Instruction

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Learning Outcomes

• Identify research-based best practices for online teaching
• Assess your own ability to implement some new instructional strategies
• Efficiently create an implementation strategy in your online courses this semester
Agenda

• Ground Rules
• Framing this situation
• Logistical Recommendations
• Pedagogical Research and Relevant Strategies
• Questions
Ground Rules

• Tool we’re using: Blackboard Collaborate
• Tools and Resources- not primary focus
• Ask relevant and polite questions using the chat feature
  • Questions addressed at the end
  • Kiho Kim, Executive Director of CTRL
• No need to raise your hand
• Keep your audio and video muted
  • Co-facilitators will mute attendees upon entry
Framing this Situation

• Not all possible at once, even when planned
• Transforming a Face-to-Face (F2F) Class Day to an Online Class Day
Logistical Recommendations

• Asynchronous (rather than synchronous)
  • Note: only implement synchronous activity at your designated, assigned class time

• Technical instructions for new tools (Myth of “Digital Natives”)

• Time to complete assignments
  • Example: discussion board due date for initial post, later due date for responses to peers

• Open Educational Resources (OER)
Time Savers

• Multiple choice questions can grade themselves automatically
• Grade student assignments directly in Blackboard
• The more reminders you send, the less contingency plans you need
• Stay consistent
Multiple Modalities

• Learning styles- myth!
• Multiple modalities is best
  • Reading AND
  • Recorded Lecture by you AND
  • Blackboard Discussion Board AND
  • Existing YouTube video AND...
• True for in person, true for online
Cognitive Load

• Multiple screens in videos (e.g., talking head and PowerPoint)
• Simple design (Mayer’s Principles for Multimedia Learning)
• Transcripts
• Keep videos less than six minutes
Accessibility

- Captions on videos (relevant Blackboard tool: Kaltura)
- Accessible documents (e.g., pdf, PowerPoint)
Transparency and Humanization

• Explain your decisions (e.g., cite the importance of multiple modalities for learning)
• Mistakes will happen for everyone
Your Course Learning Outcomes

- Learning Outcomes
- Assessments
-Instructional Strategies
Questions