



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

