



Using Content "Flipping" to Promote Synthesis
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Poster Summary

What is Flipping?

A backwards approach to education.

Foundational information delivered outside class

“Homework” focused on application and synthesis done in class

Materials Needed to Flip a Course

- Audiovisual and written didactic content
- Case studies/scenarios for class time
- Summarization

Tools Needed

- Recording Software
- Streaming or file sharing
- Student Access

Content Flipped

Basic Science

 Course Specific

 Longitudinal – Content across 2 courses

Core Adult Course

Methodologies Used

- Recorded lecture
- Case studies, simulation activities, lab results interpreted in small and large group settings

Faculty Demands

Content expertise is needed to moderate classroom discussion

Impact on faculty workload:

1. Prepare content
2. Record lecture and upload
3. Develop classroom activities
4. Moderate live session
5. Summarize learning

Lessons Learned

- Summarize content at the beginning**
- Summarize at the end**
- Carefully select** the content to flip
- Chunk the content** into (bite-size) blocks
- Learning is assessed formatively**