Traditional instruction reformed with flipped classroom techniques

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Traditional instruction reformed with flipped classroom techniques

Jennifer Lee, Susan Beatty, Patrick Feng, Nadine Hoffman, Brenda McDermott

The traditional vs. the flipped classroom

- **Traditional:**
  - Lecture
  - Homework
  - Classroom activities

- **Flipped:**
  - Lecture
  - Home activities
  - Classroom activities

Library & writing learning goals

1. **Plagiarism, Citations, and Citation Searching**
   - Read a citation and identify its major components
   - Identify the type of resource from a citation
   - Cite a resource

2. **Research Process and Accessing Information**
   - Choose, and search a database by combining search terms
   - Use database features: full-text links, emailing references
   - Use databases to generate synonyms and other terms

3. **Source evaluation**
   - Read and summarize a source and assess it in relation to your research
   - Video by the Student Success Centre: reading for abstractions, annotating, and paraphrasing

4. **Writing/Annotated Bibliography**
   - Read a citation and identify its major components
   - Identify the type of resource from a citation
   - Cite a resource

Pre-class activity and quiz

- Customized, interactive video on quotations and citations
- Created by the Student Success Centre
- Created with Articulate software

In-class activity

- Refine search terms – search a database, then use results to discover new terms
- Compare database content and search features

References and Findings

- **Types of instruction:**
  - Traditional instruction reformed with flipped classroom techniques

- **Instructor benefits:**
  - Time-intensive: course goals, sequencing, content prep, grading
  - Decreased workload: resource sharing for overlapping areas: citation and plagiarism
  - Tip: ensure detailed written instructions (step-by-step is not too much)

- **Students benefit:**
  - Instruction increased likelihood of future behaviors:
    - Since attending, how confident are you in your...”
    - Pre-tests were helpful in preparing for the research skills sessions 79%
    - In-class exercises were helpful to reinforce the content of the research skills sessions 70%
    - Assessment: 25% of final grade

- **Selected references**