“Don’t Copy that Code!”
Using a CMS to Develop a Discipline-Specific Plagiarism Tutorial

Kelly Diamond, West Virginia University Libraries
Head: WVU Libraries’ Office of Curriculum & Instructional Support

Martin Dunlap, West Virginia University Libraries
Engineering Librarian
Background

- WVU Plagiarism Avoidance Tutorial
  - Blackboard (eCampus)
  - Web-Based (Qualtrics)
- Completion required for Engineering 101 (First Semester Engineering course)
Problem

• WVU Plagiarism Avoidance Tutorial for general undergraduate audience
• Liaison reported engineering students need to understand ethical use of computer code for Engineering 102 (Primarily a coding class using MATLAB)
• Students’ misconceptions about re-using computer code
Solution

• Create a module specifically designed for the Engineering students.
• Use the WVU Plagiarism Avoidance Tutorial as a template.
• Use Blackboard as a delivery platform
  • Collaboratively create content
Designing Content: Learning Objectives

Students will

• Recognize common myths about citing computer code.
• Articulate why citing computer code is necessary.
• Articulate when it is necessary to cite computer code.
• Articulate what common knowledge means regarding computer code.
• Recognize citation methods for computer code and for open source code.
• Cite computer code using an accepted format.
Developing Content

• Videos created with PowerPoint and Screencast-o-matic (paid version)
  • MODULE 0: Introduction to the Tutorial
  • MODULE 1: Common Myths Debunked
  • MODULE 2: When Should I Cite?
  • MODULE 3: How Should I Cite?

• Script uploaded and captions added
Building the Tutorial in Blackboard

- Course Shell on Development Server
- Content Folder (Videos)
  - Videos uploaded in Content Folders using My MediaSite
  - Adaptive Release Set
- Quiz Function
  - Self-test: no grades reported or recorded
- Three Self-Tests created
  - Orientation; Module 1; Module 2
  - Adaptive Release set
Taking the Tutorial

- Students watch video
- Students take self-test
- Self-test completion triggers the adaptive release so the next video segment opens
  - Repeat
- Students take final exam
- Grade is exported into gradebook
Implementing Tutorial

• Faculty can request that the tutorial be migrated into their classes through WVU’s eCampus Request Service (ERS)

• Students access Tutorial via a side menu.
Evaluating the Tutorial

- Lack of response to email
  - One professor used it
  - End of semester / contract
- Plan a more aggressive assessment for Fall 2019
Questions?

Kelly.Diamond@mail.wvu.edu
Martin.Dunlap@mail.wvu.edu