Metacognition Objectives and Activity Ideas for C@CM

Objectives: By the end of the C@CM course, successful students will be able to

* use online resources effectively to support their learning
* assess their capabilities (in information literacy, computer security, and software tools) relative to stated objectives
* recognize which study strategies would be appropriate in particular situations

Activities to support these learning objectives within each module

Self-assessment: At least once per module (likely at the end, before the module quiz, and possibly also somewhere early on), students will rate their perceived level of skill at each of the module’s objectives. [There’s an OLI tool for this]

Reflection: At least once per module (and likely more than once) students will be asked to comment on what they have learned so far or what concepts/topics they do not yet understand. [My response]

Selecting among strategies: Students will be given a particular context and then asked to select which among a set of possible strategies is an appropriate choice. The options could be different study strategies (e.g., different ways to plan your study time/pace yourself), or the options could be particular strategies taught within a given module, such as different library search strategies in the information literacy module. Feedback could highlight the advantages and disadvantages of each option (without necessarily have a single correct answer). Alternatively, for a given strategy, students could be asked to identify from a set of possible reasons *why* they think that strategy is appropriate. [Multiple choice]

Other performance assessments…

Question re feedback possible on match between self-assessment & performance?

Other content relevant to metacognition

C@CM introductory content might include brief text along these lines:

“Now that you are in college, you will be more responsible for your learning… In the C@CM course, you will be working through online materials to guide your own learning. [hint at choices and the fact that these issues will be explicitly discussed intermittently but regularly throughout the course]”

C@CM final piece might include informal evaluation/reflection activities that draw on good old FCE (effort, relevance/value, re-use of the material/knowledge gain).