

## Outline for ASMCUE Microbrew Session on Formative Quizzes

### Using Formative Quizzes for Active Learning in Classes

#### I. Handheld Keypad Use

- A. Assess depth of knowledge levels and class pre- or misconceptions
- B. Superior method for introducing new ideas/concepts
- C. Pre- and post-test learning assessment (if summative quiz/exam questions included later)
- D. Participant ideas after 2 min. brainstorming

#### II. Implementation Essentials

- A. Clearly identifying Formative vs. Summative quizzes for students



- 1. In-class announcement (Hey folks, listen up!)
- 2. Color-based Questions/Background
- 3. *Cursive Script* or other font change (NB: avoid Old English-type Fonts!) for Formative questions and answer choices

- B. Participant ideas as in I, D.

#### III. Embedded vs. quizzes "outside" class presentation

- A. Embedded in class presentation
- B. Outside class presentation (before and/or after)
- C. Participant ideas after 2 min. brainstorming

#### IV. Using Formative Quizzes on Web-based systems (e.g. Blackboard, WebCT)

- A. Pros and Cons
- B. Participant ideas after 2 min. brainstorming

#### V. Participant Ideas on Other Methods after 3-5 min. discussion