What is Computer Based Testing?

Computer based testing (CBT) is an efficient way to deliver tests securely via desktop computer, laptop, or tablet in the classroom. The potential benefits of implementing CBT include:

- familiarizing students with a computer based testing environment prior to taking high-stakes exams such as the NCLEX,
- reducing faculty workload by automatically grading objective question types immediately upon student completion, and
- providing a secure platform for analyzing results and seamlessly making any necessary score adjustments.

Students use the free, university-supported, Respondus LockDown Browser (RLDB) software to securely complete tests in Blackboard or Canvas. While taking a test, the software prevents students from accidently exiting the browser, blocks them from accessing other websites/software, and prohibits copying elements of the test.

How does AI support CBT?

AI provides support by assisting faculty with deploying tests in the learning management system, providing student support materials, disseminating faculty support guides, and offering on-call support during testing periods.

Faculty support

AI provides supports the testing process by:

- converting Word document-based tests into an online format,
- consulting on test question development and alignment to learning objectives,
- configuring Blackboard/Canvas test settings to ensure that they match your course goals,
- creating back-up paper tests,
- providing on-call support during the testing period, and
- assisting with use of item analysis and score adjustment tools after completion of tests.

Student preparation

Upon request, AI will provide faculty with the **RLDB Student Prep Module** for their Blackboard/Canvas course that will guide the students through the technical requirements and how to install RLDB. Once installed, the student can check their configuration with a sample quiz to verify that the software has been installed correctly. In addition, AI staff can be available upon request to stop by the classroom during your first test to ensure that students are able to securely and successfully access their test.

Requesting AI services

AI requests that all faculty who are planning to use CBT to notify us so that we can ensure that you receive proactive and prompt support for your tests. Please contact Aaron Kraft (aaron.kraft@asu.edu) or Jinnette Senecal (jinnette.senecal@asu.edu) **a minimum of two business days prior to a scheduled test**, to ensure support coverage is available during your exam session.