Quick tips in creating a more secure quiz/exam

1. *Create a random test using library pools of questions.
2. Randomize answers that are multiple choices.
3. Randomize true/false questions by having one question worded for a true answer and another worded for a false answer.
4. Randomize math variables. It is possible to create random math questions in HTML.
5. Under quiz properties, disable right click, disable pager.
6. Use quiz/exam restrictions: time allowed and window of opportunity to take exam.
7. Remind students about the campus honesty code and repercussions for cheating.
8. Remind students that exams are an individual activity.
9. Make the exam open book and more challenging.
10. Delay submission views: do not allow correct answers to be shown until after everyone has taken the exam.
    If you do chose do this I recommend only showing the questions/answers they got wrong, rather than entire exam.
11. Have multiple versions of quizzes and exams that rotate each semester.

Keep in mind; if a student is determined to cheat they are going to find a way to cheat. None of these methods or even a combination of many is a guarantee that a student still couldn’t find a way to cheat. Generally the higher the stakes of the quiz exam, the higher the likelihood of cheating.

Explore alternative methods for assessment

1. Written Papers
2. Essay exams
3. Course project that builds over the semester
4. Case studies
5. More frequent D2L exams but less emphasis
What you can do in D2L to reduce cheating on Quiz/Exam

Under the properties tab:
You may check the boxes next to Disable Right-click and Disable Pager Access

Under the restrictions tab:
If you are giving the quiz/exam in a classroom you may want to consider Respondus LockDown Browser*. It is installed on all of the Regis computer labs. (And it can be easily downloaded on additional laptops if needed) If you wish to use RLB, you need to check the boxes in D2L in your quiz/exam. If you have concerns about a student entering the exam from home (if they were not present for classroom time) you can set up a password on the fly.
*See separate handout on Respondus LockDown Browser for complete details. In theory, you could actually require students to use RLB for a proctored quiz/exam, or if they were to take the quiz/exam at home. Obviously, you probably wouldn’t want to give a high-stakes exam from a distance that is not proctored since there is no way to really know if the student is cheating or not. RLB makes it harder to cheat, it does not make it impossible to cheat.

**Additional Methods to reduce cheating**

**Under the Layout/Questions tab:**

- You can set it so it only shows one question at a time.
- You can prevent moving backwards through pages. When this option is enabled, users taking the quiz will only be able to move forward through pages. They will not be allowed to move to a previous page once they have left it. CAUTION: Sometimes students like to go back and review their answers before they finish and this will prevent them from doing so.
- For multiple choice question formats, while you are creating the question, you can check the box to randomize choice options.
Set up a Random Section of the Quiz/Exam

Create random sections in quizzes to distribute a unique set of questions to individual users. Random sections pull questions from a designated pool of questions stored in the Question Library. Specify how many questions users receive from the random section question pool after you import questions from the Question Library into the random section folder.

Since you can only access random sections within quizzes, you must create a quiz before you can create its random sections. You can import an infinite number of questions from the Question Library into each random section, but you cannot create new questions within random section folders.

Creating a random quiz/exam ensures that no two quizzes are exactly the same.

1. Enter quizzes tool
2. Create new quiz
3. Under the Add/Edit Questions tab, choose create new “random section”
4. After you’ve created the random section, click on it to enter it
5. Then click “IMPORT”
   a. (now this is assuming that you already have questions that you created in the question library or previous quiz/exam. If you have not done that yet, pause now to enter the question library to either import from Respondus or create all of the questions that you wish to pull from. Question sets need to be contained in a “section” which acts like a folder.)
6. Select some or all of the questions from the question library section, SAVE.
7. Choose how many questions you want to pull from that section and the value of each. SAVE.
8. You can pull from multiple questions sections if you wish to.