Beat the Cheat

Safeguarding Your Courses from Academic Integrity Violations
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Our Agenda

- Explore academic integrity
- Discuss practical strategies & solutions
- Review tools and services
2 Parts to Academic Integrity

**Prevention**
- Limit potential to cheat

**Policing**
- Catch & punish after
How do your students cheat?
5 Types

- Plagiarism
- Fabrication
- Falsification
- Misrepresentation
- Misbehavior
What % of students admitted to cheating?
Survey Results

68% undergrads
Survey Results

43% Grads students

https://academicintegrity.org/statistics/
What do you do when you catch a cheater?
What do you do to prevent cheating?
Practical Strategies to Reducing Cheating

Communication  Research  Design  Tools
Communication is key!

- Add a statement to your syllabus
- Require student to read and sign AI quiz
- Set expectations early
- Remind students throughout the semester
What the research says

✘ Develop a good rapport
✘ Link academic with professional integrity
✘ Use students intrinsic motivation (virtue integration)
✘ Reduce student test anxiety
Pedagogy & Learning Design

- Use more authentic assessments
- Set achievable assignments
- Spread assignments over the semester
- Change assessments out each semester
- Use peer review
- Provide detailed feedback to students
- Link objectives and assignments
Tools & Services can help

- Monitor “study” sites
- Use the tools in your CMS
- Use TurnItIn for writing
- Use Moss for computer code
- Use a testing center or proctoring
CMS: Assessment

- Use question banks with randomization
- Avoid “Google-able” questions
- Display one question at a time
- Set tighter time limits
- Use algorithmic equations
- Customize data for different students
- Change out questions each semester
- Use assessment **blueprinting**
Table 1. Example calculation of the overlap of two randomly chosen student tests.

<table>
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<tr>
<th>Number of questions selected at random</th>
<th>Pool size</th>
<th>Average number of questions in common for two students</th>
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</tbody>
</table>
Thank you!

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Some Sources

- Dutton Institute: Strategies for Preventing AI Issues
- University of Regina: Strategies to Reduce Cheating
- University of Central Oklahoma: Reduce cheating in online courses
- Foothill College: Prevent Cheating
- The Atlantic: How to stop cheating in college
- Faculty Focus: Tips for reducing cheating in the college classroom
- University of Central Florida: Cheating reduction strategies
- University of California: Academic Integrity
SlidesCarnival icons are editable shapes.

This means that you can:

- Resize them without losing quality.
- Change fill color and opacity.

Isn’t that nice? :)

Examples: