Online Assessment

…taming the "Virtual Wild West"

Do your students cheat?

Yup.

Can you stop it?

Nope.

But you can do things to make it more difficult for them.

How bad is it?

- 100%
- 75%
- 25%
- Less than 25%

Cheating Trends

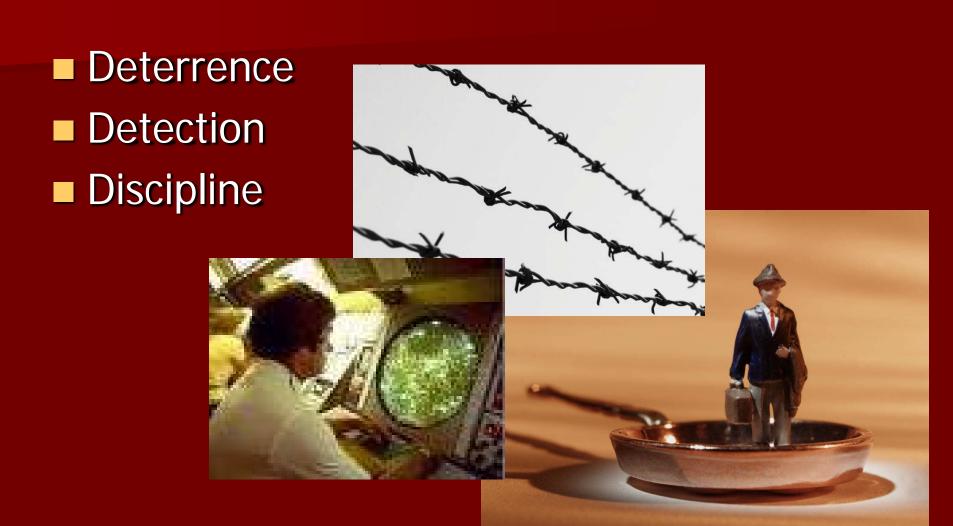- Cheating increases with the age of the student at least through age 25

  -Cizek, 1999

- People who feel more "distant" cheat more

  -George and Carlson, 1999; Burgoon et al, 2003

Why Cheat?

- Competition and pressures for good grades
- Instructional situations that are perceived as unfair or excessively demanding
- Faculty who are perceived as uncaring or indifferent to their own teaching or to their students' learning
- Lax attitudes on the part of faculty toward academic dishonesty
- Peer pressure to support a friend
- A diminishing sense of academic integrity and ethical values among students.

  -Davis B.G., 1993

3 Tiers of Defense

- Deterrence
- Detection
- Discipline

Deterrence

- Define scholastic dishonesty upfront
- Institutional Honor Code
- Agreement not to cheat
- Proctored Exams
- Be aware of what students have access to
- Neat WebCT Tricks
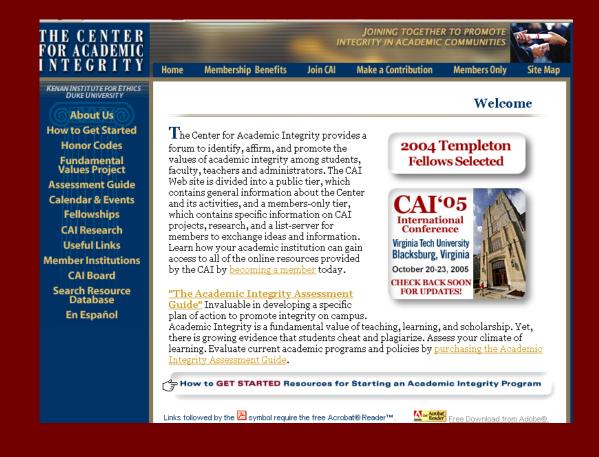
Scholastic Dishonesty Defined

■ Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or attempt to commit such acts.

-Regent's Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, subdivision 3.22
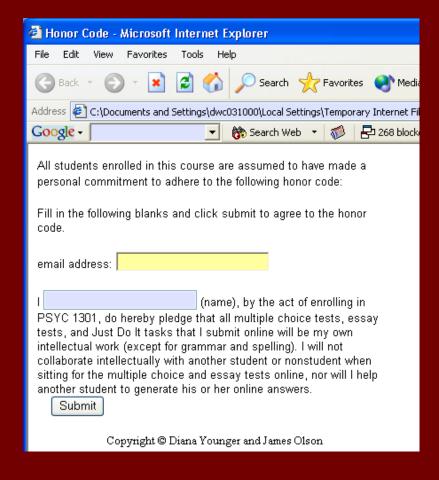
Institutional Honor Code

- Center for Academic Integrity

Agreement Not to Cheat

- **UT Permian Basin**

Proctored Exams

- <u>Proctored Exam Information Page</u>

- <u>Proctored Exam Request Form</u>

- <u>Secure Exam Delivery System</u>

Be Aware Of What's Out There

- List of 225 Paper-mills from Costal Carolina University:

http://www.coastal.edu/library/presentations/mills2.html

WebCT Tricks

- Test Banks
- Randomizing Questions
- Randomizing Answers
- Making the Test "Unprintable"
- One Question at a Time
- Time Limits
- Availability
- Password
- Controlled Release of Test Information

WebCT Tricks

- Setting up a test

- Student view

Detection

- **High-Tech**

Plagiarism identifying programs

   -turnitin.com

   -Google

Statistical tests?

   -Scrutiny!

   -Dr. Wesolowski's Software

Compare answer patterns in WebCT

How long did the student take to complete the test?

Detection

- **Low-Tech**

-Writing Sample

-Oral quiz on material

Discipline

- Be Consistent

- Follow established procedures on reporting the incident

- BE CAREFUL!

Scenarios

What Can You Do?

Problem: You suspect someone other than the student might take the test.

What Can You Do?

Problem: You suspect someone has a copy of the test.

What Can You Do?

Problem: The student has taken the test, but for some unbeknownst reason, you did not receive it ...hmmm.

Summary

- Cheating is widespread

- Combat Cheating with Deterrence, Detection, and Discipline

- Be vigilant!

References

- Burgoon, J., Stoner, G., Bonito, J., & Dunbar, N. (2003). Trust and deception in mediated communication. *Proc. 36th Hawaii Intl. Conf. on System Sciences*, Honolulu, HI, 44-54.
- Cizek, G. J. (1999). *Cheating on tests: how to do it, detect it, and prevent it*. Mahwah, NJ: Lawrence Erlbaum.
- Davis, B.G, (1993). *Tools for Teaching* Jossey-Bass Publishers: San Francisco
- Dick, M., Sheard, J., Bareiss, C., Carter, J., Joyce, D., Harding, T., & Laxer, C. (2003). Addressing student cheating: definitions and solutions. *ACM SIGCSE Bulletin*, 35(2), 172-184
- George, J., & Carlson, J. (1999, January). Group support systems and deceptive communication. 32nd Hawaii Intl. Conf. on Systems Sciences, 1038.
- McCabe, D.L. (1999). Center For Academic Integrity Study. Retrieved February 2, 2005 from http://www.academicintegrity.org/cai_research.asp

Unprintable Quiz Code

copy and paste this as the upper text block of the quiz page

```
<HEAD>
<META HTTP-EQUIV="imagetoolbar" CONTENT="no">
</HEAD>

<STYLE media="print">BODY {display:none}</STYLE>

<BODY ondragstart="return false" onselectstart="return false">
<script language="JavaScript">

var message="Function Disabled!";
function clickIE() {if (document.all) {(message);return false;}}
function clickNS(e) {if
(document.layers||(document.getElementById&&!document.all)) {
if (e.which==1||e.which==2||e.which==3) {(message);return false;}}}
if (document.layers)
{document.captureEvents(Event.MOUSEDOWN);document.onmousedown=clickNS;}
else{document.onmouseup=clickNS;document.oncontextmenu=clickIE;}
document.oncontextmenu=new Function("return false")

function disableselect(e){
return false
}
function reEnable(){
return true
}
document.onselectstart=new Function ("return false")
if (window.sidebar){
document.onmousedown=disableselect
document.onclick=reEnable
}
</script>
```