



# Academic Integrity: Plagiarism Management in Context

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*Presentation for  
eLFA 2012  
24 Apr 2012*



# edveNTUre

Date of Birth: 17 May 2000

- depicts learning as an adventure to explore new frontiers of knowledge and that our NTU students are adventurous, creative and techno-savvy

e: electronic, everything!

ed: education


edveNTUre: our university's name "NTU" is embedded

**Quick Reference Guide**

Version 6 • August 2009

# edveNTUre: eLearning Eco-System

<http://edventure.ntu.edu.sg>



Blackboard Guest Home Help Login

edveNTUre  
Learning Anytime Anywhere

Home Resources Webmail HelpDesk momeNTUM

### Login Here

☐ Change Text Size  
☒ High Contrast Setting

Please enter your credentials and click the **Login** button below.

Username:

Password:

[Forgot Your Password?](#)

**Login**

### Choose a Language Pack

Available languages:

English (United States)  
Français (France)  
Português (Portugal)  
中文 (中国)  
日本語 (日本)  
繁體中文 (台灣)

### eLearning Week

- Overview
- Schedule
- Staff Quick Guide


### Poll

What is your current smartphone ?

☐ iPhone  
☐ Android

### ACADEMIC INTEGRITY

Facing up to a 21st century challenge



Do you copy and paste? Find out how to do correct paraphrasing and proper references.

**Attention all freshmen!**

Have you done the Academic Integrity Quiz yet?


Deadline: 26<sup>th</sup> September 2011

**Enter Now >**

<< previous next >>


### Updates

Unable to view PDF in Safari?  
Get Schubert[!]




### Lecture Recording

Lectures are recorded.  
Re-experience it...




### edveNTUre Tutorials




### eLearning Tools

Various tools used in NTU to enhance Learning & Teaching




### Faculty Sharing

Sharing from faculty members on how they use technology to enhance learning and teaching



### momeNTUM

**Blog**





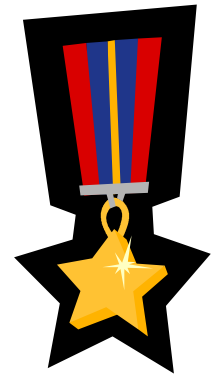
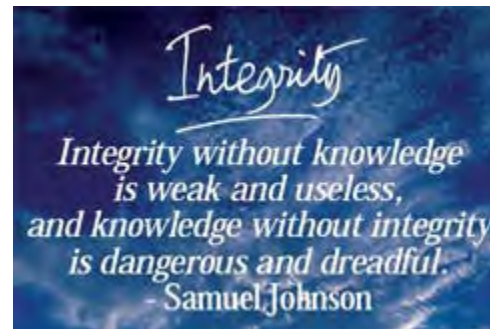
Blackboard





# Plagiarism Detection

- Challenge in digital age
- Level playing field and fairness
- Code of Honour









# Timeline: Technology and Tool And Policy





- **Pre-AY 2005/06: Honour Code**
- **AY 2005/06: SafeAssignment was introduced**
  - SafeAssignment was renamed Safe Assign after its acquisition by Blackboard Inc in 2009
- **AY2010/11: Safe Assign was complemented/replaced by Turnitin OriginalityCheck**
- **AY2012/13: Turnitin2 (includes OriginalityCheck, PeerMark, GradeMark and e-Rater for grammar check) will be introduced**

# Safe Assignment






















 **SafeAssignment Report** 

**Report Information**

<b>Author:</b> student, Student	<b>Assignment:</b> Unknown	<b>Save report to disk</b> 
<b>File Name:</b> MSc Thesis.DOC	<b>Submitted:</b> 08/18/04 23:24:22	<b>Printable version</b> 
<b>Matching:</b>  13%	<b>Paper ID:</b> 2345	<b>Send report link to:</b> <input type="text"/> 


**Suspected Sources**

<input type="checkbox"/>	<a href="http://www.engin.umd.umich.edu/CIS/course.des/cis479/projects/FISA.html">http://www.engin.umd.umich.edu/CIS/course.des/cis479/projects/FISA.html</a>	
<input type="checkbox"/>	<a href="http://www.ariadne.ac.uk/issue7/search-engines/">http://www.ariadne.ac.uk/issue7/search-engines/</a>	
<input type="checkbox"/>	<a href="http://www.ncbi.nlm.nih.gov/entrez/query/static/help/pmhelp.html">http://www.ncbi.nlm.nih.gov/entrez/query/static/help/pmhelp.html</a>	
<input type="checkbox"/>	<a href="http://www.google.com/help/features.html">http://www.google.com/help/features.html</a>	
<input type="checkbox"/>	<a href="http://www.usus.org/techniques/agents.htm">http://www.usus.org/techniques/agents.htm</a>	
<input type="checkbox"/>	<a href="http://www.w3.org/TR/WAI-WEBCONTENT/">http://www.w3.org/TR/WAI-WEBCONTENT/</a>	
<input type="checkbox"/>	<a href="http://www.apacheweek.com/features/userauth">http://www.apacheweek.com/features/userauth</a>	
<input type="checkbox"/>	<a href="http://www.fao.org/DOCREP/V4805e/v4805e04.htm">http://www.fao.org/DOCREP/V4805e/v4805e04.htm</a>	
<input type="checkbox"/>	<a href="http://www.hermans.org/agents/h122.htm">http://www.hermans.org/agents/h122.htm</a>	
<input type="checkbox"/>	<a href="http://www.firstmonday.dk/issues/issue2_3/jansen/">http://www.firstmonday.dk/issues/issue2_3/jansen/</a>	
<input type="checkbox"/>	<a href="http://www.aaai.org/AITopics/html/agents.html">http://www.aaai.org/AITopics/html/agents.html</a>	
<input type="checkbox"/>	<a href="http://www.ittc.ku.edu/publications/documents/Gauch1996_WebNet96.pdf">http://www.ittc.ku.edu/publications/documents/Gauch1996_WebNet96.pdf</a>	
<input type="checkbox"/>	<a href="http://www.sis.uncc.edu/~anraja/PAPERS/UM-CS-1998-052.pdf">http://www.sis.uncc.edu/~anraja/PAPERS/UM-CS-1998-052.pdf</a>	
<input type="checkbox"/>	<a href="http://cdr.stanford.edu/NextLink/Expert.html">http://cdr.stanford.edu/NextLink/Expert.html</a>	
<input type="checkbox"/>	<a href="http://dent.ii.fmph.uniba.sk/ui/faqs/agent_faq.html">http://dent.ii.fmph.uniba.sk/ui/faqs/agent_faq.html</a>	
<input type="checkbox"/>	<a href="http://www.hermans.org/agents/h31.htm">http://www.hermans.org/agents/h31.htm</a>	
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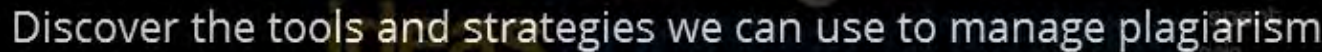
 re-process paper without these sources

**Manuscript Text**

EVALUATION OF INTELLIGENT SEARCH AGENTS Abstract An Intelligent Search Agent is a computer program that is capable of performing on line and off line searching on behalf of Internet users. The software is able to launch smart agents that can traverse the World Wide Web and even exchange information with other agents in retrieving information. The aim of this research is to evaluate how effective these Intelligent Search Agents are in retrieving relevant information. A literature review is carried out to understand this new technology a brief description included. A literature review is carried out to available and the latest development of this Intelligent Agents available in the IT industry research focuses on those search agents that can Five search agents are evaluated with due consideration.

<b>URL:</b>	<a href="http://www.ittc.ku.edu/publications/documents/Gauch1996_WebNet96.pdf">http://www.ittc.ku.edu/publications/documents/Gauch1996_WebNet96.pdf</a>	<b>Matching:</b> 56 % 
<b>Uploaded Manuscript:</b>	The documents retrieved by the agents are more precise and relevant to user needs.	
<b>Internet Source:</b>	when retrieved items are returned by the underlying search engines it further processes these items and presents relevant items to the user	





<http://academicintegrity.ntu.edu.sg>

# Academic Integrity @ NTU







**Shared Values**

**Not Policy,  
Rules,  
Punishments...**



# Shared Values at NTU

- **Learning** is based on scholarship and research, where the creation of new knowledge, ideas, and understanding, is built on existing knowledge and ideas.
- **Faculty** is central to the conduct of research and teaching.
- **Students** should learn how to use existing knowledge in an open and transparent way, in order to develop new learning.
- The **NTU Honour Code** encapsulates the shared values of the whole NTU community in relation to Academic Integrity.



# Shared Values At NTU

- For all students and faculty at NTU, learning is based on scholarship and research, where the creation of new knowledge, ideas, and understanding, is built on existing knowledge and ideas
- For students, particularly undergraduates, it is important to learn how to use existing knowledge in an open and transparent way, in order to develop new learning





# NTU Honour Code

The Honour Code assumes the academic, intellectual and ethical standards based on following beliefs

**Truth**  
**Trust**  
**Justice**

which the University also expects of its students in every sphere of their activities



Source: <http://www.ntu.edu.sg/sao/Pages/HonourCode.aspx>

# Understanding Academic Integrity

# Freshmen Orientation and Recitation of the Honour Code





# In The Freshmen Admission Handbook 2011/12

Freshmen Admissions Handbook 2011/12

1

## Academic Integrity and Your Success at NTU

Understanding and practising academic integrity is vital to success in your studies at NTU, and to your professional life when you graduate from NTU. But as a new student, you may not yet understand what is meant by academic integrity, and what is required of you. Often, academic integrity is described as the avoidance of plagiarism, but it can also include the avoidance of academic fraud. This short introduction is designed to give you a brief outline of what you need to know and where you can go to find out more.



# ACADEMIC INTEGRITY

Rising up to a 21<sup>st</sup> century challenge



## The Academic Integrity Module



The Academic Integrity Module consists of these two components:

- ▶ A Guide to Academic Integrity
- ▶ A Quiz in [edveNTure](#)

### Sections

[A Guide to Academic Integrity](#)[Definitions and Practices](#)[How to use direct quotations](#)[How to use paraphrase](#)[Citing Ideas](#)


### Important note





All freshmen are required to complete the Academic Integrity quiz in the first semester of their first year of undergraduate studies before the recess period. They must obtain a 100% pass score. The module will be available on [edveNTure](#). Schools will monitor the participation of their students.

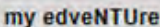
**Closing the Loop  
with  
the Quiz**



# The Quiz







 My Places  Home  Help  Logout


 Courses My Filing Cabinet eUreka Community Resources Atomic Learning System Admin HelpDesk StartFish

edveNTUre  
Learning Anytime Anywhere

my edveNTure Courses My Filing Cabinet eUreka Community Resources Atomic Learning System Admin HelpDesk StartFish

NTU ASEM 2011 Academic Integrity Quiz ASEM 2011 Quiz Preview Test: Academic Integrity Quiz Edit Mode is: OFF

  
\* ASEM 2011  
(Academic  
Integrity Quiz ASEM  
2011)  
Quiz  
Academic Integrity Website



## Preview Test: Academic Integrity Quiz

Description	Academic Integrity Quiz for new undergraduate students 2011-2012
Instructions	Please read the NTU Academic Integrity website <a href="http://academicintegrity.ntu.edu.sg">http://academicintegrity.ntu.edu.sg</a> , the University Policy, and the Module carefully before proceeding with this Academic Integrity Quiz.
Multiple Attempts	This Test allows multiple attempts.
Force Completion	This Test can be saved and resumed later.

Test/Survey Status

Save All Answers

Save and Submit

Question 1

1 points Save Answer

Read the passage in the box, then say whether a) or b) is the correct way to reference:

"In Asian culture, silence is traditionally a sign of respect for elders. Furthermore, silence by many Chinese and Japanese is not a floor-yielding signal inviting others to pick up the conversation. Rather, it may indicate a desire to continue speaking after making a particular point. Often silence is a sign of politeness and respect rather than a lack of desire to continue speaking."

Reference (APA style)  
Sue, D. W., & Sue, D. (2003). Counselling the culturally diverse: theory and practice. New York: John Wiley & Sons.

☐ a. Often silence is a sign of politeness and respect rather than a desire to continue speaking (Sue & Sue, 2003, p.131).

☐ b. According to prominent multicultural researchers, Derald Wing Sue and David Sue, (2003, p. 131) many Asians often prefer to keep silent as they think this is more polite, not because they want to keep on speaking.

# The Quiz

## Question 2

1 points

Save Answer

Cutting and pasting material from the internet without using quotation marks around the portion cut and pasted and without referencing. This type of academic misconduct falls under:

- ☐ a. Collusion
- ☐ b. Plagiarism
- ☐ c. Falsifying data
- ☐ d. Cheating

## Question 3

1 points

Save Answer

Your lecturer has given you an individual assignment for your information Technology Lab class. The assignment sheet clearly states that you should solve the problem given without consulting with anyone. Just after class, your classmate, Alex, says that he doesn't understand the assignment. You sit down with him for two hours and work through the assignment with him. A week later, you submit your assignment.

A week after that, your lecturer sends you an email to say that you have shown Academic Misconduct and that you will be penalised and you will receive a 0 mark for your assignment. The lecturer says that your assignment is identical to one submitted by Alex.

This type of misconduct is:

- ☐ a. Plagiarism
- ☐ b. Lack of referencing
- ☐ c. Cheating
- ☐ d. Collusion
- ☐ e. Falsifying data

## Question 4

1 points

Save Answer

Working with others without permission and presenting the resulting work as though it was completed independently. This type of academic misconduct falls under:



**The Quiz**

**when 100%**

**means**

**Perfection!**



# The End (of the Quiz)

**Plagiarism Management**

**Sustainability is  
the Key**



# Plagiarism Management

## NTU Academic Integrity Policy 2011

“Students are required to check all written assignments through electronic text-matching software adopted by the University to detect plagiarism or possible acts of academic dishonesty.”

**“If we use technology to do something only more effectively, we miss the mark entirely. We need to change what we teach and why we teach it.”**



**ALAN  
NOVEMBER**

Empowering Students With Technology;  
Founder of November Learning

## For Students:

- Turnitin should not be used as a tool for “catching” plagiarism
- Originality reports are to be used by students to check themselves for improperly cited or inadequately cited material
- Permission for resubmission must be set by the instructor when the assignment is created



# For Instructors:

- Key is assessment design
- Percentage numbers do not directly indicate level of plagiarism or when plagiarism has occurred.
- Every assignment must be carefully read by the instructor for them to determine if a highlighted section is really plagiarism or items in the reference list or actual quotations.

# School Academic Integrity Officers (SAIOs)

- Touch point of academic integrity issues for the school
- Keep records of offenders
  - for reference and history
- Sets the standard for the school practice
  - Levels of originality can depend on discipline of studies
- Sets standards and guidance for penalties
- Attend workshops on academic integrity practices and management

# Results and Outcomes

# SafeAssignment Results

## SafeAssignment Utilization Statistics

User: **chyeseng**

Period: 2005-08-09 - 2005-09-08

Score	Number of Papers	Percentage
0% - 10%	699	73
10% - 30%	168	17
30% - 50%	16	2
50% - 70%	8	0
70% - 100%	8	8

Total papers | Instructor submissions: 963 | 1

Total courses: 38

Total assignments: 48

Avg. papers/course|assignment: 25

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Lifetime papers submitted (incl. deleted): 4672

# Usage of Turnitin @ NTU

Semester	Instructors <sup>^</sup>	Students	Submissions
AY2010/11 Sem I	131	3,582	5,787
AY2010/11 Sem II	385	11,845	19,610
AY2011/12 Sem I	478	17,814	23,498
AY2011/12 Sem II*	516	17,551	17,279

<sup>^</sup> Incl. Faculty, Staff and Teaching Assistants

\* Up to Mar 2012

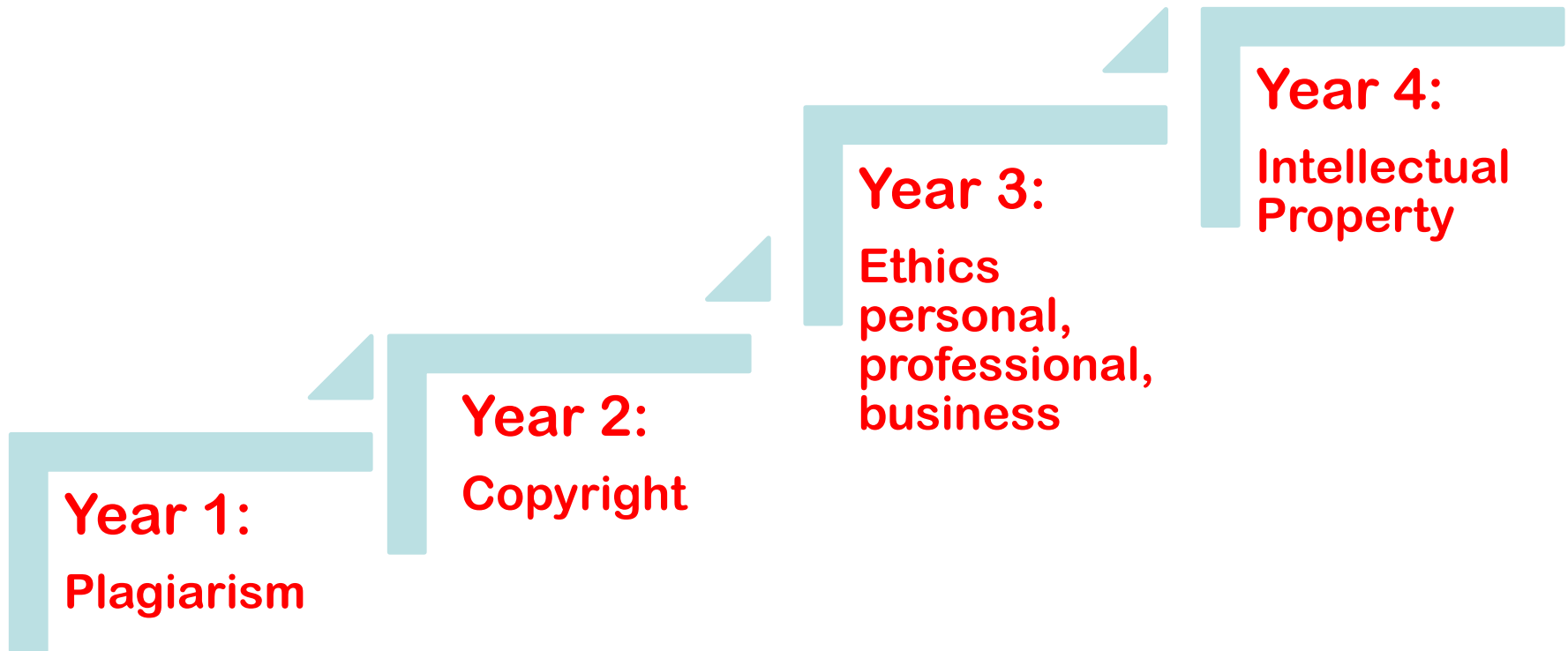


# Distribution of Turnitin Matching Scores

Semester	75- 100%	50- 74%	25- 49%	0- 24%	< 20 words
AY2010/11 Sem I	4%	2%	12%	62%	19%
AY2010/11 Sem II	2%	3%	15%	61%	19%
AY2011/12 Sem I	2%	3%	11%	62%	21%
AY2011/12 Sem II*	3%	2%	11%	63%	21%

\* Up to Mar 2012

# Academic Integrity Education



**and**

**One Last Thing**

## Useful Web Resources

The elements of a proposal by Frank Pajares, Emory University  
Guide on how to write a good research proposal  
<http://www.des.emory.edu/mfp/proposal.html>

Writing and presenting your thesis or dissertation by S. Joseph Levine,  
Michigan State University  
Detailed guide to writing your thesis/dissertation, from proposal to oral defense  
<http://www.learnerassociates.net/dissthes/>

The literature review by Deakin University  
Why and how to write a literature review  
<http://www.deakin.edu.au/library/findout/research/litrev.php>

# Academic Writing



Discover **NTU**  
Libraries

# LearntuLearn

Equip yourself for success at NTU!







Students who  
ask better questions,  
are independent learners,  
deep thinkers and ethical  
leaders of the future



# Thank You!

**Assoc Prof Daniel Tan**

**Centre for Excellence in Learning & Teaching**

***<http://www.celt.ntu.edu.sg>***

**e: [ethtan@ntu.edu.sg](mailto:ethtan@ntu.edu.sg)**

