Online Group Work Requirements

establishing trust

communicating effectively

resolving conflict
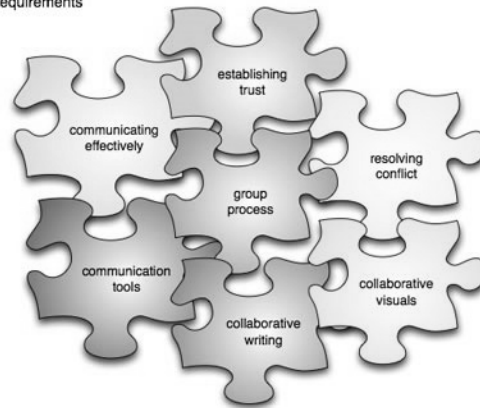
group process

communication tools

collaborative visuals

collaborative writing

MAKING GROUPS WORK: TECHNOLOGY AND COOPERATIVE LEARNING

Deb Miller, Center for Instruction & Research Technology
Dan Richard, Office of Faculty Enhancement

VALUE OF GROUP WORK

- Uri Treisman, University of California, Berkeley

- High failure rates of minority students in undergraduate calculus courses

- Students were highly motivated

- Field Study – followed African-American and Chinese students for 2 weeks

- Separation of Academic and Social Lives

WORKING AS A GROUP

* Individual output <u>declines</u> on tasks in which the specific performance of any one individual cannot be <u>determined</u>

    Ringelmann (1880s)

* <u>Social Loafing</u> – a group-produced <u>reduction</u> in individual output on tasks in which contributions are <u>pooled</u>
    + <u>Example</u>: Team Projects

WORKING AS A GROUP

* <u>Social Loafing is Less Likely to Occur When</u>:
    + People believe that their own performances can be <u>identified</u> and thus <u>evaluated</u>
    + The task is <u>important</u> or <u>meaningful</u> to those performing it
    + People believe that their own efforts are <u>necessary</u> for a <u>successful</u> outcome
    + The group is <u>small</u>
    + The group is <u>cohesive</u>
    + The group expects to be <u>punished</u> for <u>poor</u> performance - <u>Example</u>

BLACKBOARD GROUP CREATION

✖ Groups in Blackboard
+ Single Groups
+ Group Sets
multiple groups with same characteristics

✖ Group Enrollment
+ Manual Enrollment
one student at a time
+ Random Enrollment (group sets only)
+ Self Enrollment (sign ups)

BLACKBOARD GROUPS:

✖ Share a group tool set:
+ Discussion Board, File Exchange, Email, Tasks, Collaboration (text chat)

✖ Are defined for use in other tools: Blogs, Wikis, Discussion Board, Chat
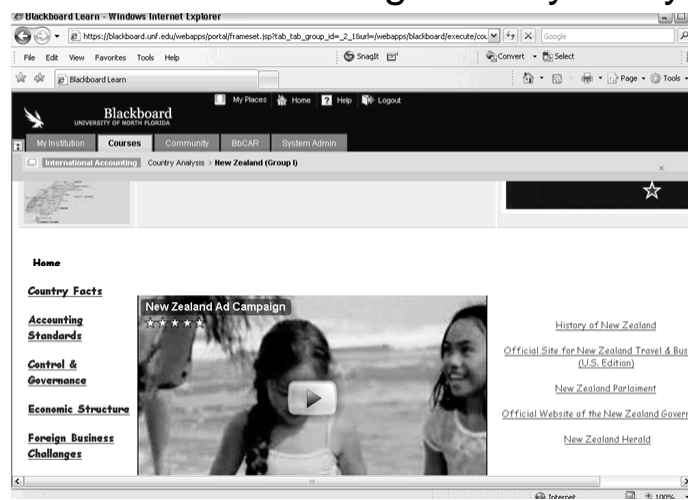
✖ Can submit 'Assignments'

BLOGS & WIKIS IN BLACKBOARD

✖ Blogs
Group blogs have multiple authors who can see one another's posts. Commenting may be permitted.

✖ Wikis
The members of a group wiki can collectively add and edit content to one or more pages.

BB WIKI EXAMPLE

✖ International Accounting Country Analysis

BEYOND BLACKBOARD

- ✖ **Elluminate/vRooms**
  Synchronous collaboration tool with white board, chat, audio/video, application sharing and much more. http://elluminate.com

- ✖ **dim dim**
  Deliver synchronized live presentations, whiteboards and web pages while sharing voice and video over the internet -free account allows you to have up to 20 people. http://www.dimdim.com/

- ✖ **Google Docs**
  Create and edit web-based documents, spreadsheets, forms and presentations from any computer with view and edit controls. http://docs.google.com
  Example: MBA Study Group Schedule

- ✖ **Google Sites**
  Create and share content-rich webpages with view and edit controls.
  http://sites.google.com
  Example: Software development project

- ✖ **Blogger**
  Create team blogs with text ,photos and video. Entries are chronological with author noted.
  www.blogger.com
  Example: Duke Campus Art

BEYOND BLACKBOARD

- ✖ **Google Mapping Mashups**
  Compile data onto a map with markers, text, pictures, audio, video, or online resources.
  http://maps.google.com/support
  Examples: Gulla Geechee Community   Obama Campaign

- ✖ **Drop.io**
  Chat and share images, video, audio, documents and other digital content through unique, user-created and controlled sharing points called 'drops.' http://drop.io

- ✖ **MindMeister**
  Online mind-mapping software Simultaneously work on maps with others and see changes as they happen. http://www.mindmeister.com
  Example: Best Online Collaborative Tools '09

- ✖ And many more.....