## Proven Methods for Active Participation in Group Activities/Exercises

### **Adeniyi Lawal and Don Comfort**





# What is active participation in group exercises?

- In-class exercises
  - Students engaged
  - All contributing
- Out-of-class groups
  - Team assignment development
  - Team construction
  - Teamwork skills
  - Assessment of team performance
    - "Social loafers"





## **Team Assignment Development**

- Clearly define outcomes and how the outcomes will be measured
- Roles and responsibilities of team members should be defined and varied
- Assignments should require team interaction
- Roles should be rotated





### **Team Construction**

- Size of Team
- Selection of Members
  CATME to help
- Duration of Team Project





### **Teamwork Skills**

- Have team discuss attributes of successful teams
- Provide simple team building exercises
- Have team prepare and execute team contract
- Observe and guide teams





### **Team Assessment**

- Fair and equitable
- Clearly defined assessment criteria
  - Self-assessment
  - Peer assessment
- Grading scheme
- Tools exist for creating and monitoring group performance



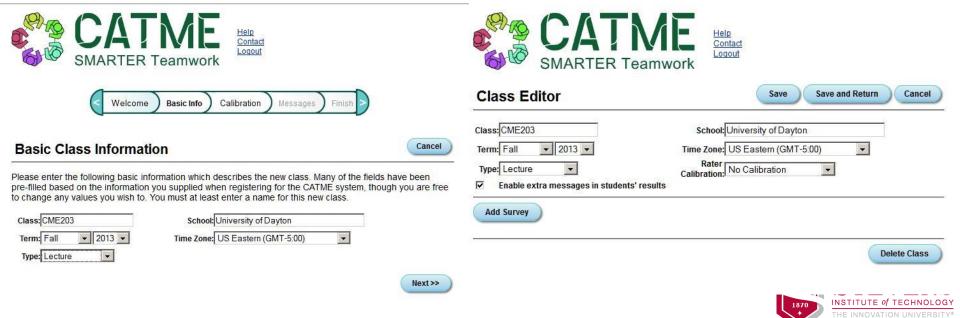


/index				Å ▲		
Summ	SMARTER Tear	_	act ut stion Manager	Add New Class	Welcome Basic Info Calibration Messages Finish	
Class	Survey (Section)	Start	End	% Comp.	Create Class	Cancel
CME203	<u>Test</u>	08-May-2013	15-May-2013	0%		
CME203	<u>Test (01)</u>	08-May-2013	15-May-2013	0%	Welcome!	

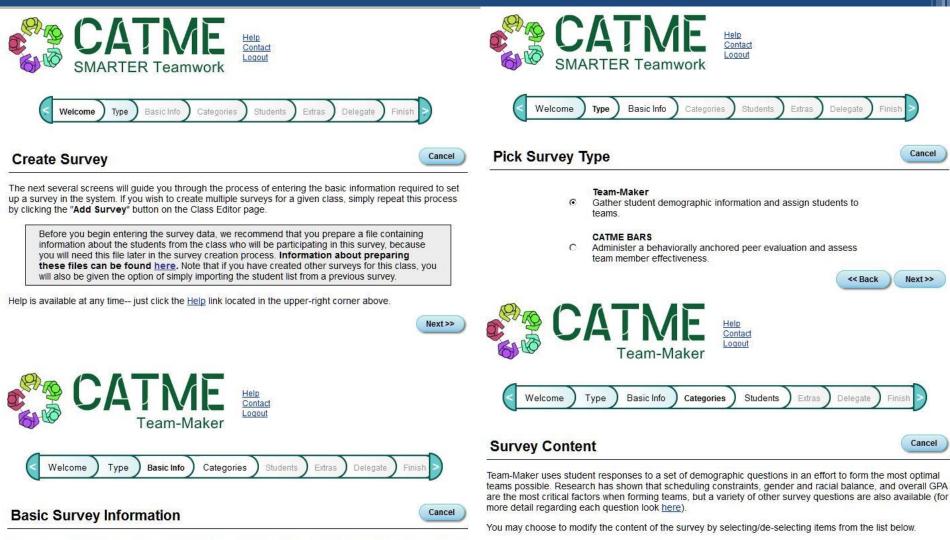
The next several screens will guide you through the process of entering the basic information required to set up a class in the CATME system. After completing these screens, you will then have the opportunity to use a different set of screens to configure one or more surveys that will be taken by the students in the class.

Help is available at any time-- just click the Help link located in the upper-right corner above.

Next >>



-



Please enter a name for this survey and choose the start and end dates for the survey period. The survey will become active at 12am on the morning of the start date you choose and will close at midnight on the evening of the end date you choose. All students will automatically receive a notice when the survey opens, and students who have not yet completed the survey will receive another reminder 48 hours before the survey closes.



<< Back Next >>

<< Back Next >>

**Edit Survey Intro** 

•

Surveyed V Gender

GPA GPA

Schedule

Previous Course Grade

Weekend Meetings

Categories: Race

You may also edit the initial survey intro text displayed to students:

Cancel

Next >>

Cancel



) Type ) i	Basic Info ) Categories	) Students )	Extras	) Delegate	) Finis
) Type ) I	Basic Info Categories	) Students )	Extras	Delegate	)

#### Load Students

Now you need to load one or more lists of students who will be participating in this survey. Information on the appropriate format for these files can be found <u>here</u>.

If you wish to load several different student lists into the same survey, be sure to use the "**Append**" button—the "**Replace**" button will discard any existing student lists and import the new student list you've selected.

	Browse_		
Replace	Append		
		< Back	lext >

Name	Student ID	Email	Sect.
Comfort, Donald	3764000	dacomfort@gmail.com	01



Sum	nary—Don Comf	ort 🤇	Question Mana	ager Add New	V Class My Profile
Class CME203	Survey (Section)	Start	End	% Comp. 0%	No surveys defined
Class	Survey (Section)	Start	End	% Comp.	
CME203	CME203 Test	08-May-2013	Tomorrow	100%	Data & Send Teams Reminder



#### Student Data

Survey CME203 Test		Class Term CME203 Fall 2013			of omfort	Schoo Univer	ersity of Dayton				
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N	ame	Stud	ent ID Email		Sex	Race	GPA	Pct Busy	Commute	Sports	
	omfort, Don	ald 01	dacom	fort@gmail.con	Male	Hispanic	3.9 (1)	38%	On-Campus		
ГС	omfort2, Do	n2 02	dac3@	po.cwru.edu	Male	White	2.7 (1)	45%	On-Campus		

Return

Make Teams

Name	Student ID	Email	Comment	
Comfort, Donal	101	dacomfort@gmail.com	1	
Comfort2, Don2	02	dac3@po.cwru.edu		



CATME Team-Maker	Help Contact Logout
Choose Parameters	Cancel View Student Data Make Teams
Survey Class Term Format CME203 Test CME203 Fall 2013 Lecture	Prof         School           Comfort         University of Dayton
Select team size: Max	mum 🔽 team size 4
Gender	Male (2) 100%
Race	White (1) 50% Hispanic (1) 50%
GPA Group Group Dissimilar Ignore Group Similar	Above 3.66 (1)         50%           2.67 - 3.66 (1)         50%           1.67 - 2.66 ()         0%           0.67 - 1.66 ()         0%           Below 0.67 ()         0%
Schedule	Mon         Tue         Wed         Thu         Fri         Sat         Sun           8:00am         0%         0%         0%         0%         0%         100%         100%           9:00am         0%         0%         0%         0%         0%         100%         100%           10:00am         50%         0%         50%         0%         50%         100%         100%           11:00am         50%         50%         50%         50%         100%         100%           12:00pm         50%         100%         50%         100%         50%         100%         0%           1:00pm         50%         100%         50%         100%         50%         100%         0%           1:00pm         50%         100%         50%         100%         50%         100%         0%           2:00pm         50%         100%         50%         100%         50%         100%         0%           3:00pm         50%         50%         50%         50%         100%         0%           6:00pm         50%         0%         0%         0%         0%         0%         0%         0%         <
Commute	On-Campus (2) 100%
Sports IOU 1911-201 SCHOOL OF ENGINEERIN	

	CA		1E	<u>Help</u> <u>Contact</u> Logout					
Team-Mak	ker Resu	_		Change Para	ms Re-Make	e Teams	Save Teams		
Survey	Class	Term	Format	Prof	School	111			
CME203 Test	CME203	Fall 2013	Lecture	Comfort	University of Da	ayton			
Display options:	Enable	page controls	I SI	now detailed	data Re-Dis	splay			
Name	Stud	ant ID Email		Sev		Schedule	Bet Buc	Commute	Sports Tot (Max

Name	Student ID	Email	Sex	Race	GPA	Schedule	Pct Busy	Commute	Sports	Tot (Max 14)
Comfort, Donald	01	dacomfort@gmail.com	Male	Hispanic	3.9 (1)	6 days/week with 2+ hr meeting blocks	38%	On-Campus		
Comfort2, Don2	02	dac3@po.cwru.edu	Male	White	2.7 (1)	(schedule summary)	45%	On-Campus		
Scores:			0.00	0.00	-4.00	5.00		2.00	0.00	3.00
Make team with on	ly selected s	tudents 💌 Select								26



#### **Team Information**

Return to Main Page

#### The other members of your team:

Don2 Comfort2

dac3@po.cwru.edu

#### The following table shows what percentage of your team is available to meet during each hour:

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
8:00am	100%	100%	100%	100%	100%	0%	0%
9:00am	100%	100%	100%	100%	100%	0%	0%
10:00am	50%	100%	50%	100%	50%	0%	0%
11:00am	50%	100%	100%	100%	50%	0%	0%
12:00pm	50%	50%	50%	50%	50%	0%	0%
1:00pm	50%	0%	50%	0%	50%	0%	100%
2:00pm	50%	0%	50%	0%	50%	0%	100%
3:00pm	50%	50%	50%	50%	50%	0%	100%
4:00pm	50%	50%	50%	50%	50%	0%	100%
5:00pm	50%	100%	100%	100%	100%	0%	100%
6:00pm	100%	100%	100%	100%	100%	0%	100%
7:00pm	100%	50%	100%	50%	100%	0%	100%
8:00pm	50%	50%	50%	50%	50%	0%	100%
9:00pm	50%	100%	50%	100%	50%	0%	100%

(Hover mouse over hours with partial availability above to see which team members are available)

### Resources

**CATME (Comprehensive Assessment of Team Member Effectiveness)** 

http://www.catme.org

**Possible Roles on Teams & Sample Team Contract** 

• <u>http://www.cmu.edu/teaching/designteach/design/instructionalstrategie</u> <u>s/groupprojects/tools</u>

**Peer Assessment** 

- <u>http://sites.psu.edu/schreyer/files/2012/07/6-team\_reflection.pdf</u> Assessing Team Work
- <u>http://www.cshe.unimelb.edu.au/assessinglearning/03/group.html</u>



