

# Dealing with Large Class Sizes

Large class = >60 students

## Small Class Within Big Class

One instructor in room per 40-50 students

All instructors circulate during active learning

Has been effective for up to 1000 student sections

Senior undergraduates as 'learning assistants'

## Group Work/Cooperative Learning

Use CATME to define teams

Leader, Questioner, Scribe

Informal or formal

1 Positive Interdependence, 2 Individual accountability, 3

Face to face interaction, 4 Appropriate interpersonal skills,

5 Regular self assessment of group function

# Surveys

Informal or formal but response is needed

Start, Stop, Continue

Clearest Point, Cloudiest Point

Multiple choice easiest if not “middle” choice

Definitions: Just in time teaching (JITT) was the immediate feedback after Sapling and BBQs to start class many times during the semester.

JITT exercises helped me feel like an active participant during class.	Strongly Agree	Agree	Disagree	Strongly Disagree
JITT exercises are an effective use of class time.	Strongly Agree	Agree	Disagree	Strongly Disagree
The amount of class time used for JITT exercises was ____	Too much	Just right	Too little	
I like the immediate refresher of difficult material using JITT.	Strongly Agree	Agree	Disagree	Strongly Disagree

# Office hours

Dealing with the crowds

Use conference room

Have small group office hours

# References

Liberatore, to appear CEE 2013

Mega-courses 2011

Johnson, Johnson, Smith 2006 *Active Learning: Cooperation in the college classroom* Published by Interactive Book Co.

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