Give us your best!
Ideas generated during the BOF "Students, Students, and More Students" at Grace Hopper 2015

use your tech wisely
determine in real time learning - clicker and tophat, reef by iclicker (class level implication)
undergrad mentors (and they are less expensive to hire)
Cheating -- care about cheating (MOSS), eyeballs
Cooperative learning (think pair share) - in class
    -Kagan workshop -- helpful ideas, maybe to read about not go to
    -POGIL)
Leverage your resources wisely -- work the politics

Sit with your lab section (make it seem smaller)
Self grading labs (Virginia Tech) - test driven development

How to manage a class - deal with/encourage TAs - try to balance TAs
Piazza still needs management (Etiquette -- still flood of questions -- teach to find answers) Don't let students be anonymous to teacher
How to schedule hours - 4 hours between teacher and TAs
Groups need to be designed carefully
Gradescope -- scan in exams, rubric

Flip to lighten grading
SVN repository to rollout and collect assignments
Late grading -- incentive early -- carrot instead of stick (students like points!)
E-mail questions that shouldn't be over e-mail
Slip days over the course of a semester
Pick your exam days carefully

Keep students moving through office hours
Work in groups if possible
Try to have a large space with a board to deal with people in groups
(groups people as much as possible)
Grading and cheating
Preventing by creating sense of community
Evening TA hours
Encourage students to work together (generous policies on collaboration)
Watch for increased competitiveness - need to train TAs to have
appropriate authority

Flipped classroom -- out of self-defense :) Way too many students!!!
Explain everything -- iPad tool. Can put pdf, talk over, work problems, etc,
release via youtube.
Come to class to work homework in groups. Everyone leaves with a
solution. They do teach each other, and they have an incentive to learn in
place. They work old test problems so they get used to the problem types
and they get used to working problems in general.

Hiring to get course staff -- alumni can be leveraged. 3 year contracts can
be better than one year or one course
Alternate models - try to find ways for smaller experience
Professional advisors

Alison Norman
http://www.cs.utexas.edu/~ans