Miguel Casquilho (<u>mcasquilho@ist.utl.pt</u>) Mon., 09 July 2012

- What do the students already know?¹
- What do you want them to learn?
- Why is it important for them to know it?

Lecture plan

- 1) IST presentation
- 2) The Best of the 20.th Century
- 3) The Customer \rightarrow Q \rightarrow Responsibility
- 4) "The companies have no time to study alternatives". The University–Industry link → INTERNET

With exercises

- 5) Shorten the *supply chain*. Transportation \rightarrow TSP
- 6) Plant location
- 7) MILP through B&B
- 8) Monte Carlo



¹ http://www.schreyerinstitute.psu.edu/pdf/planning_a_class_session.pdf