讨论题 1: *Please select one of the following goals to design the metrics program.*

Goal1: Estimates

Use previous project experience to improve estimations of productivity.

Questions asked about the goal:

· What is the actual labor rate of past projects?

· How complicated is the software being developed?

· Does the labor rate vary for different types of software?

Goal2: Productivity

Optimize defect detection and removal.

Questions asked about the goal:

· How much effort is spent in testing versus reviews?

· How many defects are discovered in testing versus reviews?

· How much effort is spent repairing defects discovered in reviews?

· How much effort is spent repairing defects discovered in testing?

· How efficient are reviews in removing defects?

· How efficient is testing in removing defects?

· What is the optimal defect detection efficiency to achieve in reviews prior to testing?

Goal3:Quality

Ensure that the defect detection rate during testing is converging towards a level that indicates that less than five defects per KSLOC will be discovered in the next year.

Questions asked about the goal:

· How many defects have been discovered so far?

· How many defects have been repaired so far?

· What is the trend in number of defects discovered and repaired over time?

参考答案: 答案开放，按照度量过程让学生来定义.