### PCI QUALITY CONTROL SCHOOL—LEVEL III

#### DAY 1
- **Registration/Welcome**
- **Introduction**
- **Properties of Concrete Components—Chapter 1**
- **Afternoon Break**
- **Study Group Questions for Chapter 2**

#### DAY 2
- **Sample Quiz**
- **Properties of Fresh Concrete—Chapter 3**
- **Morning Break**
- **Properties of Hardened Concrete—Chapter 4**
  - Strength
  - Durability
  - Creep—Shrinkage
  - Watertightness—Absorption
  - Chloride Content
- **Lunch**
- **Study Groups for Chapter 4**
- **Concrete Mix Design—Chapter 5**
  - Absolute Volume Method
- **Afternoon Break**
- **Concrete Mix Design—Chapter 5 (continued)**
  - Normal Weight Concrete Mixes
  - ACI 211.1 Standard Practice
  - Trial Batches
- **Sample Quiz Review**
- **Study Group Questions for Chapter 5**

#### DAY 3
- **Alternative Testing for Concrete—Chapter 6**
- **Study Groups for Chapter 6**
- **Morning Break**
- **Deflected Prestressing Strands & Deflection for Design Efficiency—Chapter 7**
- **Lunch Break**
- **Study Groups for Chapter 7**
- **Product Control—Chapter 8**
  - Tolerances
  - Project Tolerances
  - Appearance—Cracking—Evaluation
- **Afternoon Break**
- **Welding—Chapter 9**
  - Evaluation of Steel for Welding
  - Carbon Equivalence
  - Headed Study—Weld and Test
- **Study Groups for Chapters 8 & 9**
- **Evening Open**

#### DAY 4
- **Study Session for Level III Examination**
- **Level III Examination**
  - 65 multiple-choice questions
  - Closed book
  - Two hour time limit
- **Grading of Exams**
- **Posting of Exam Grades/Class Concludes**