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# (IDM-23) Load-and-Resistance Factor Design (LRFD) Methodology for California Bridges

## COURSE OUTLINE

**Day 1:** (8:00 AM - 5:00 PM)

8:00 AM **Session 1: Introduction & Loads**

9:40 AM Morning Break

10:00 AM **Session 2: Analysis**

12:00 PM Lunch

1:00 PM Session 2: Analysis (Continued)

3:20 PM Afternoon Break

3:30 PM **Session 3: Introduction to Prestress Concrete Design**

**Day 2:** (8:00 AM - 5:00 PM)

8:00 AM **Session 4: Concrete Design**

9:40 AM Morning Break

10:00 AM **Session 5: Design Examples**

- 1. Precast I-Girder Bridge
- 2. CIP Box Girder Bridge

12:00 PM Lunch

1:00 PM Session 5: Design Examples (Continued)

- 2. CIP Box Girder Bridge (Continued)

3:20 PM Afternoon Break

3:30 PM Session 5: Design Examples (Continued)

- 3. Slab Bridge

4:45 PM Course Evaluations & Attendance Certificates