I. Introduction and Learning Objectives

II. Why Protect Rebar

III. Hot-Dip Galvanizing Process

IV. Why Hot-Dip Galvanized Rebar is the Solution
   a. Corrosion Protection
      i. Durability
      ii. Chloride Threshold
      iii. Corrosion Product Migration
   b. Bond Strength
   c. Longevity
      i. Initial Reaction
      ii. Coating Degradation
   d. Availability
      i. Abundant Materials
      ii. Efficiency & Safety

V. Sustainability
   a. Environmental Advantages
   b. Economic Advantages

VI. Design & Specification
   a. Specifying HDG Reinforcing Steel
   b. Mechanical Properties
   c. Steel Selection & Dissimilar Metals
   d. Coating Thickness
   e. Bending
   f. In the Field
   g. Touch-Up and Repair

VII. Summary