

sobre la industria del acero para construcción. Ultimas tendencias

Master the Steel Industry for Construction and Stay Ahead of Trends



A practical journey through steel in construction, from basics to future trends. Learn with real examples and apply your knowledge from day one.

25 modules

What you'll learn

- ✓ Understand the fundamentals of steel in construction
- ✓ Explore high-strength steel grades and smart steel technologies
- ✓ Ensure safety and quality in steel construction projects
- ✓ Identify current market trends and technological innovations
- ✓ Apply steel in various construction applications
- ✓ Discover future trends in steel technology and its role in sustainable architecture

Syllabus

1 Fundamentals of Steel in Construction

Introduction to Steel in Construction Historical Evolution of Steel in Construction Steel Properties for Construction
Steel Types in Construction Steel Production Processes

2 Industry Dynamics and Market Analysis

Current Market Trends Technological Innovations in Steel Production Sustainability in Steel Manufacturing
Economic Factors in Steel Industry

3 Innovations in Steel Technology

Steel Alloying and Metallurgy High-Strength Steel Grades Smart Steel Technologies Steel in Sustainable Construction

4 Steel in Construction Applications

Structural Steel Applications Steel in Residential and Commercial Construction Steel in Infrastructure Projects
Steel in Industrial Facilities

5 Safety and Quality in Steel Construction

Safety Standards in Steel Construction Quality Control in Steel Industry Maintenance of Steel Structures
Risk Management in Steel Construction

6 Emerging Trends and Future Outlook

Future Trends in Steel Technology Emerging Applications in Green Architecture Digital Transformation in Steel Industry
Steel in Smart Cities

Who is it for?

Professionals and students in construction who want to master steel use in their projects.

Start today at capacita.paulovila.org

Capacita · Study better, work better.