



## Introduction to Practical Railway Engineering Seminar February 3 – 5, 2024

**Embassy Suites Tampa  
Tampa, FL**

### AGENDA

#### Saturday, February 3, 2024

|          |                                |
|----------|--------------------------------|
| 12:30 pm | Introduction & Safety Briefing |
| 12:50 pm | 1-Railway Industry Overview    |
| 1:20 pm  | 1-2-Train Operations           |
| 2:15 pm  | 2-1 Basic Track – Part I       |
| 3:25 pm  | BREAK                          |
| 3:40 pm  | 1-4 Tractive Effort            |
| 4:05 pm  | 2-3 Basic Track – Part II      |
| 5:15 pm  | END of Day One                 |

#### Sunday, February 4, 2024

|          |  |
|----------|--|
| 8:00 am  | Welcome/Safety Briefing                      |
| 8:05 am  | 5-Track Maintenance<br>Renewal               |
| 9:15 am  | 3-Railway Track Alignment<br>Design          |
| 10:05 am | BREAK  |
| 10:20 am | 4-Roadway & Mapping                          |
| 11:00 am | 9-Passenger, Transit & High<br>Speed         |
| 12:00 pm | LUNCH BREAK<br>(on your own)                 |
| 1:00 pm  | 7 & 8-Structures                             |
| 2:30 pm  | 12-Environmental<br>Regulations & Permitting |
| 3:30 pm  | BREAK  |
| 3:45 pm  | 10-Yards & Terminals                         |
| 4:55 pm  | 2.4 Highway & Utility Rail<br>Crossing       |
| 5:35 pm  | END of Day Two                               |

#### Monday, February 5, 2024

|                   |   |
|-------------------|---|
| 8:25 am           | Welcome/Safety Briefing                 |
| 8:30 am           | 1-3-Railway Equipment                   |
| 9:15 am           | 2-3-Track Inspection Activities         |
| 10:05 am          | 11-Government & Regulatory<br>Oversight |
| 10:50 am          | 6: Communications & Signals             |
| 12:00 pm          | LUNCH BREAK<br>(on your own)            |
| 1:00 –<br>3:30 PM | Field Trip to CSX<br>(PPE Required)     |