



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

**Embassy Suites Tampa  
Tampa, FL**

**AGENDA**

**Saturday, February 3, 2024**

12:30 pm	Registration
1:00 pm	Introduction & Safety Briefing
1:20 pm	1-Railway Industry Overview
2:00 pm	2-Train Operations
2:55 pm	BREAK
3:10 pm	3-Basic Track – Part 1
4:15 pm	4-Railway Equipment
5:00 pm	BREAK
5:15 on	5-Tractive Effort
6:00 pm	End of Day One

**Sunday, February 4, 2024**

8:00 am	Welcome/Safety Briefing
8:05 am	6-Train – Track Dynamics
8:35 am	7-Basic Track – Part II
9:30 am	BREAK
9:45 am	8-Soils, Drainage, & R.O.W.
10:30 am	10-Work Equipment
11:15 am	BREAK
11:30 am	9-Railway Track Alignment Design
12:15 pm	LUNCH BREAK (on your own)
1:15 pm	11-Civil and Track Construction
2:00 pm	12-Track Inspection & Maintenance
3:15 pm	BREAK
3:30 pm	13-Highway-Railway Grade Crossings: Passive
4:15 pm	15-Railway Structures
5:30 pm	17-Utility Occupations
6:00 pm	End of Day Two

**Monday, February 5, 2024**

9:30 am	Welcome/Safety Briefing
9:35 am	14-Communications and Signals
10:55 am	BREAK
11:10 am	16-Environmental Regulations and Permitting
12:20 pm	Course Review and Evaluation
12:30 pm	End of Seminar