

## 1. Layout Orientation

- a. Operation concepts (How does it work)
- b. Locations
- c. Switching
- d. Reversing blocks
- e. Electronics

## 2. Signals

- a. Powering up
- b. Signal aspect and indication (What it looks like and what it means)
- c. Signal locations and blocking

## 3. Engineer

### a. Basic

#### 1. DCC

- a. Operating
- b. Consisting
- c. Recovery
- d. Disabling Analog mode

#### 2. Running

- a. Direction of travel
- b. Train control (Throttle control)
- c. Stealing an engine
- d. Runby inspections

### b. Advanced

- 1. Decoder installation
- 2. Decoder programming and Decoder Pro operation
- 3. Command station maintenance
- 4. Troubleshooting track and equipment

## 4. Radio

- a. Power-up
- b. Vocabulary
- c. Procedures
- d. Protocol
- e. Track Warrants