

Developing your team's professional capability

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- Overview of role-based training
- Assistant Track Maintenance Engineer programme
- Senior Technical Officer (Track) programme

Overview of Role-Based Training

Technical Knowledge & Skills

- ✓ Understanding the system
- ✓ Asset specific
- ✓ Principles
- ✓ Assurance
- ✓ Better maintenance outcomes

Business Skills

- ✓ Business cases
- ✓ Planning
- ✓ Safety leadership
- ✓ Team engagement
- ✓ Strategy

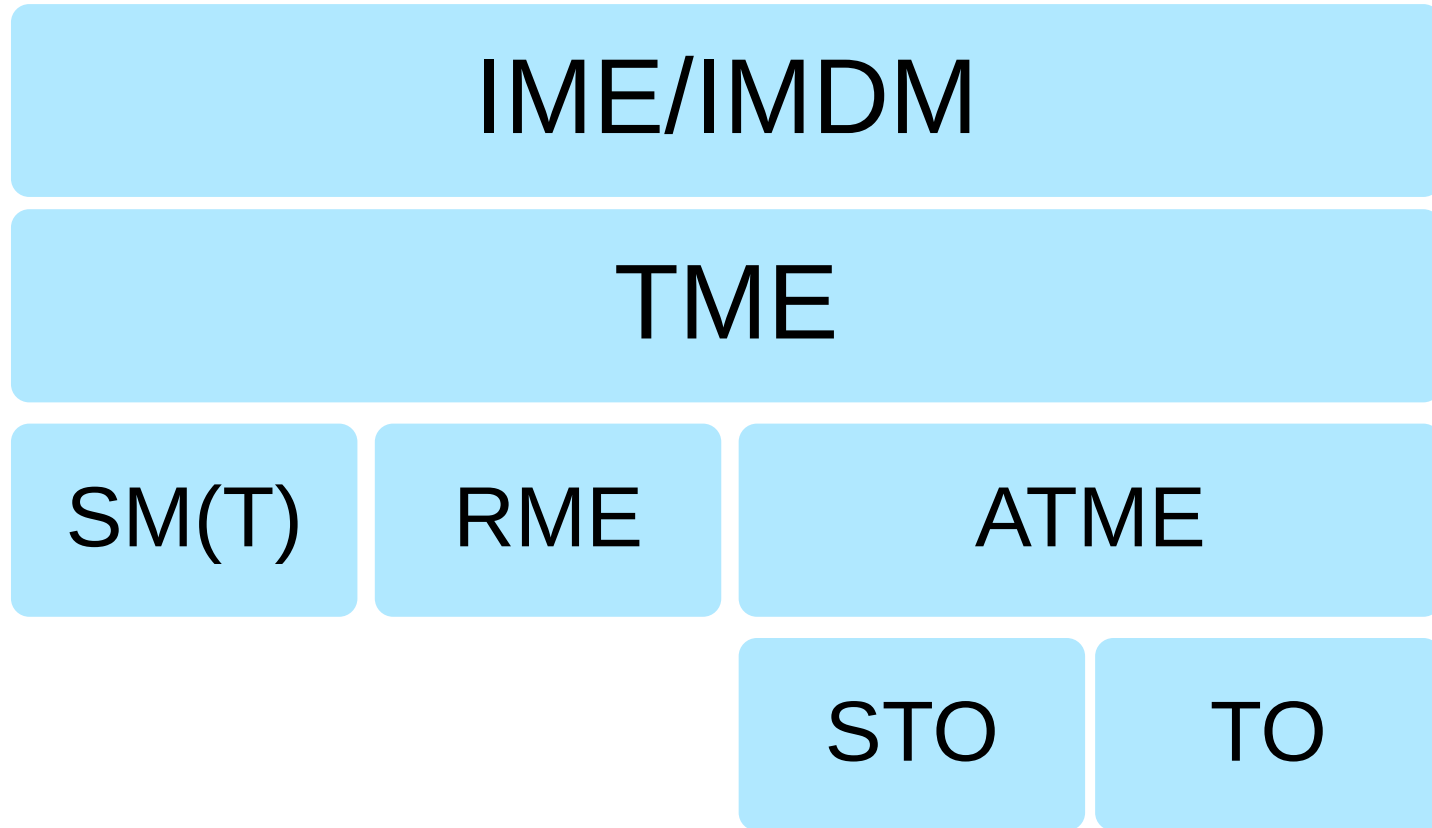
Non-technical Skills

- ✓ Leadership
- ✓ Human factors
- ✓ Communication
- ✓ Analysis
- ✓ Problem solving

Benefits

Building your own engineering community and network, sharing good practice, more effective decision making and better performing assets

Role Programmes Covered for Track



More information & booking

rbctraining@networkrail.co.uk



Assistant Track Maintenance Engineer programme

Alex Thistlethwaite





Target audience





What does it look like?



Stewardship

Predict & prevent

Lateral stability

Event 1

Leadership / human factors

Strategy

**Structure gauging
management**

Event 2

**Track
geometry
management**



Making a positive impact

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graph TD; A[Making a positive impact] --> B[Maintenance surveys and designs]; B --> C[Maintenance delivery];
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Maintenance surveys and designs

Maintenance delivery

Event 3

Are we tickling it ?





Or tackling it ?

NetworkRail

Event 4

Engineering leadership

053 / 054 management

The S&C week

Event 5
Rail management

NDT

**Wheel rail
interface**

**Friction management
systems**

Return of investment

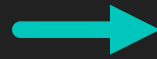
**Technical
reports**

**Real
problems**

**121
coaching**

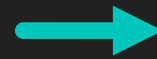
Evaluate success

Leading indicator



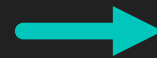
Lagging indicator

**Implement robust trace
review**



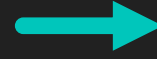
**Improved TQ / reduced
L2 faults**

**Develop effective
scoping process**



Reduced repeat faults

**Implement proactive
approach**



**Reduced backlog /
improved efficiency**

More information & booking

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Senior Technical Officer (Track)

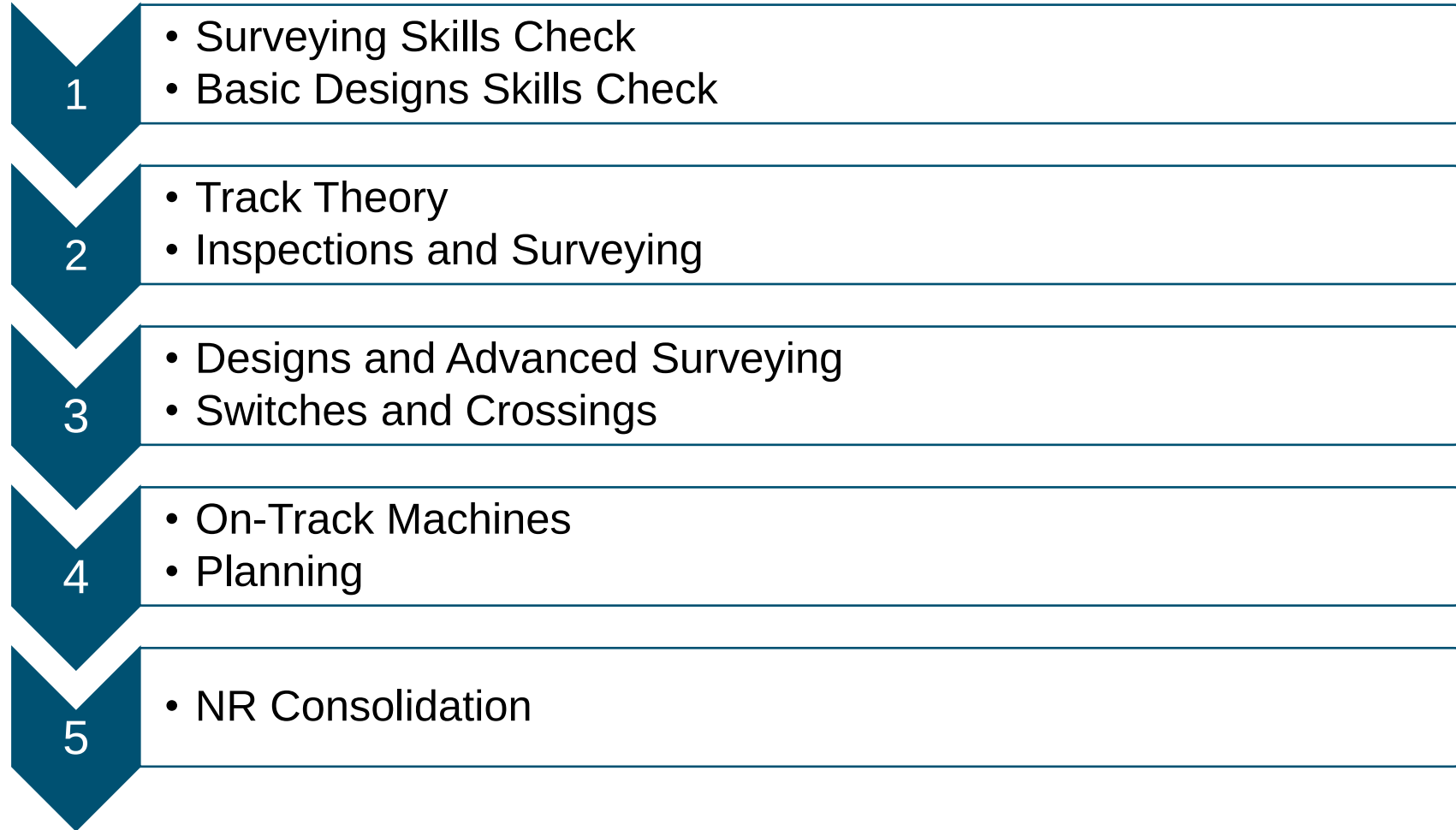
Simon Day



STO Programme Structure

- 17 days training
- Practical sessions
- Site visits
- Classroom tutorials and group work
- Talks and demonstrations from industry specialists
- Individual support and guidance
- Preparation and support for EngTech registration

STO Programme Structure



STO Programme Structure



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