



HIGH  
SPEED  
RAIL

# NATIONAL COLLEGE FOR HIGH SPEED RAIL

Clair Mowbray  
Chief Executive

The National College

OUR DOORS ARE OPEN



# INDUSTRY SUPPORT



# LEADERSHIP PLEDGES

- Over 70 companies have pledged support to the college by signing leadership pledges with us
- We work with the industry on:
  - Curriculum development
  - Kitting out the college
  - Work experience
  - Learners



# CURRICULUM DEVELOPMENT

- Trailblazer group advises on our higher apprenticeship curriculum
- Leading a trailblazer group on BIM
- Dialogue with businesses around their CPD needs
- A broad curriculum that inspires a diverse range of candidates to get involved with the college

# CURRICULUM OUTLINE – YEAR 1 (2017-18)

Start dates: September 2017, January 2018, May 2018

**Level 4 Higher Apprenticeship – High Speed Rail and Infrastructure Higher Technician**

**Level 4 Certificate of Higher Education in High Speed Rail and Infrastructure**

**Level 5 Higher Apprenticeship – Operations / Departmental Manager (CMI)**

# LEVEL 4 HIGHER APPRENTICESHIP

- High Speed Rail and Infrastructure Higher Technician
- Six specialisms:
  - civil engineering
  - track systems
  - systems engineering
  - rolling stock
  - power
  - command, control and communications (CCC)

# LEVEL 4 CERTIFICATE OF HIGHER EDUCATION (CERT HE)

- High Speed Rail and Infrastructure
- Learners complete 11 mandatory units including:
  - introduction to railways and principles informing our apprenticeship pathways
  - whole railway system
  - management of the railway
  - health and safety on the railway
  - social, environmental and economic considerations
  - introduction to technical management
  - the digital railway



# ENTRY REQUIREMENTS

## Level 4 Apprenticeships

- dependent on previous experience and access to opportunities
- applications assessed on an individual basis with input from employers
- Typically an apprentice would have:
  - appropriate A-Levels
  - BTEC National Diploma in an appropriate vocation
  - other Level 3 vocational qualifications
  - other industry experience

## Level 4 Cert HE

- Typically applicants would have either:
  - Maths and English GCSE at grade C/grade 4 or higher
  - Two A-Levels at Grade E or above
  - BTEC level 3 Diploma or Extended Diploma in a related area of study
  - Equivalent qualifications

# LEARNER ACCESS TO EMPLOYERS



DEDICATED TO MEANINGFUL, LONG-LASTING CHANGE



# A MULTI-DISCIPLINARY APPROACH





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Thank you

The National College