



# Flexible Learning Fund Digital Engineers Academy



# The Partners



Birmingham Metropolitan College is a further education college with 10 campuses distributed within Birmingham, England. Our bid submission to create innovative learning solutions for Digital Engineering has been awarded a contract by the DfE. BMET is a member of the Collab Group who will manage the project and, together with BMET, will work in collaboration Vinci and other key Collab Group Colleges to ensure project success.



Collab Group is a forward thinking membership organisation representing 37 leading Colleges and College Groups who collaborate, at a local and national level, with a wide range of stakeholders.



VINCI, is a French concessions and construction company founded in 1899. It employs over 194,000 people, operates in more than 100 countries and is the largest construction company in the world by revenue.



# Key Information

- The Contract lead is Birmingham Metropolitan College
- Supporting Collab Group Colleges are:
  - Bridgwater & Taunton College
  - Derby College
  - Middlesbrough College
  - Capital City College Group (CCCG)
- Collab Group will project manage
- Lead Employer partner is Vinci Plc
- Supporting Employers & Stakeholders include:



Sir Robert McAlpine	Tarmac
Balfour Beatty	BAM Nuttall
East Midlands Rail Forum	NSAR
Laing O'Rourke	One Awards
Heart of the South West LEP	Greater Birmingham & Solihull LEP
NOCN	Pearson

Contract Lead:

Paula Cresswell (BMET)

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Project Manager & Employer Engagement Lead:

Steve Bannister (Collab Group)

[steve.bannister@Collabgroup.co.uk](mailto:steve.bannister@Collabgroup.co.uk)

Timeframe:

June 2018- March 2019



# Project Outputs & Milestones

Creation of innovative learning materials to support the development of Digital engineers.

Aimed at support critical infrastructure projects including but not limited to:

- Hinckley Point
- HS2
- Trans Penine Rail upgrade
- Smart Motorways

## **Learner Beneficiaries:**

190 learners to benefit from skills development. Candidates from employed and unemployed backgrounds wishing to progress in a digital engineering career

## **Project Duration:**

June 2018- March 2019 (although learners will continue their studies thereafter).

## **Legacy:**

The IP for the resulting online learning resources will be retained by Vinci and Collab Group member colleges and used for upskilling digital engineers nationally

# Training Materials to be Developed

## **Nature of Training Materials:**

Online learning materials to support underpinning knowledge for Digital Engineering Technician Apprenticeship Standard Including:

- Btec Levels 1,2 & 3 in Construction and the Built Environment
- Access to Higher Education in Construction and the Built Environment
- Learning materials will have an emphasis on BIM and other Digital engineering capabilities- Vinci to provide guidance on design and content of instructional design and content to ensure resultant materials are fit for purpose

# Working Groups & Governance

## Steering Group: (Quarterly Meeting in Birmingham)

- Chair: Tony Thorpe: (Dean of Built Environment Loughborough University)
- Rail industry Representative: Elain Clark (East Midlands Rail Forum)
- Highways England Representative: TBC
- Collab Colleges Representative: Matt Tudor (Bridgwater & Taunton College)
- Management Team Representatives: Steve Bannister (Collab Group), Paula Cresswell (BMET)
- Employer Lead: Jo Mercer/Milan Martin (Vinci)
- HS2 Representative: Shilpi Akbar
- Collab Group CEO: Ian Pretty



## Management Group: (To meet Monthly via Skype)

- [Paula Cresswell](#): Project Lead (BMET)
- [Steve Bannister](#): Project Manager (Collab Group)
- [Paul Graham](#): Curriculum Lead (Middlesbrough)
- [Rachel Topliss](#): Employer Engagement North (Derby College)
- [Jackie Chapman](#): Employer Engagement South (CCCG)
- [Niall Kane](#): Employer Curriculum Lead (Vinci)



## Sales & Marketing Group: (to be determined)

- [Tom Lowe](#): Marketing Coordinator & Lead
- [Steve Bannister](#): Employer Engagement (Collab Group)
- : Derby College
- Zoe Lee: BMET
- Bridgwater & Taunton College (TBC)
- [Sarah Robinson](#): Middlesbrough College (TBC)
- CCCG (TBC)



## Curriculum Working Group: to meet as required

- [Paul Graham](#): Middlesbrough College (Curriculum Lead)
- [Paul Goss](#): Bridgwater & Taunton College
- Andy Lees: BMET
- [Jackie Chapman](#): CCCG
- [Ian McCormick](#): Derby College
- [James Marshall](#): ePearl Ltd (instructional design)
- [Niall Kane](#): Vinci (Employer Curriculum Lead)
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Employers wishing to progress colleagues through the programme, get involved, recruit learner beneficiaries from the programme, or to be kept abreast of developments are please to contact:

Steve Bannister

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07903 029 620



**COLLABGROUP**

Together Today for the Skills of Tomorrow