John Beaty

Principal and Chief Executive
Burton and South Derbyshire College

Worked in Education for over 25 years
15 of these years in Senior Posts
Additional Voluntary work including;

- Non-executive Director of a National Awarding Organisation
- Vice Chair of two schools
- Staffordshire Place Board Member
- Chair of the East Staffordshire Place Board
- Chair of the Association of Colleges International Group

Working in friendship with Toyota City

Derbyshire and Toyota City have had a strong friendship for over 25 years

We have established the TCPB to broaden the friendship

Each year BSDC welcomes learners and staff from Toyota High Schools for cultural exchange

BSDC learners have visited Toyota Kosen

Over 150 Toyota City learners have visited BSDC

Our partnership with Toyota City

Our College

One of the highest ranked Colleges in England

Similar to Kosen, we focus on technical and vocational skills

95% positive destinations

Partnered with industry

Situated centrally within the UK serving all major conurbations

We work with over 30 partners worldwide

Ofsted Outstanding Provider

Bridging Borders: Engineering Education for Global Citizenship

1. Engineering Contributed to Welfare, from Health and Safety to Well-being
2. Pedagogical Innovation in Teaching & Learning
3. Artificial Intelligence in Teaching & Learning
4. Engineering Education for Global Citizenship

Pressures on global education

- Teacher skills currency
- Parental expectations
- Funding
- Employer expectations
- Sustainability and decarbonisation of estate and curriculum
- Talent acquisition and recruitment
- Learner's needs
- Government priorities
- Teacher development
- Good and bad uses of AI
- Regulation
- Occupational changes
- Changing demography
- Global Citizenship
- Automation
- Inspection
- Technological advancements

How are BSDC responding to the key themes of this conference?

- *Creating the skills of tomorrow – a future focussed curriculum (hard and soft skills)*
- *Employers and Industry co-design curriculum*
- *A strong and continued focus on our people and their skills*
- *Be bold, ambitious and innovative in technology investments*
- *Working collaboratively*
- *Working globally*
- *Being sustainable in our teaching and our business*
- *Working to move industry to new ways of working*
- *Delivering outstanding outcomes for our stakeholders*

A Curriculum aligned To employer need

Sectoral trends built into curriculum design – employers 'sign off' curriculum annually

Development of people shaped by industry future need

Employers helping deliver curriculum

Investment in facilities reflecting industry now and in the future

Facilities co-designed by employers

Burton and
South Derbyshire
College
International

Creating the skills of tomorrow.

Investing sustainably in our people

Ensure CPD aligns to future industry need

Involve employers and industry in the development of people

Develop internal working groups to champion key themes;

- Artificial intelligence
- Sustainability
- Achievement of SDGs

Succession planning

On-board to develop the right skills

Cross departmental learning

BSDC and St. Modwen Homes

Strategic Partnership

SMH invest in BSDC

Alignment of corporate objectives

Curriculum co-design

Industry placements for staff

Bursary for staff

Joint branding and narrative

Working globally

International work embedded across our College

Life changing opportunities for our learners to experience their vocation abroad

International CPD for our people

Cultural exchange – broaden minds

Create and inspire a global outlook

Recognise and celebrate non-technical learning / life skills

Learner and Staf Global CPD

Over 500 learners and 40 staff involved in global trips (to date)

Central Europe, Japan, South Korea, North America

Technical Skills and Life Skills

Development of new curricula

Cultural celebrations

Lifelong friendships

Hard skills

Cyber Security
Engineering
Mathematics
Computer Programming
Culinary Arts
Media/Film
Hair and Beauty
Health and Social Care
Uniformed Services
Childcare and Education

Soft skills

Communication
Time management
Problem solving
Teamwork
Initiative
Adaptability
Leadership
Sustainability
Citizenship

AMBITIOUS
OUR SKILLS PROMISE
GLOBAL MINDSET
CONFIDENT WITH ENGLISH & MATHS
PROFESSIONAL
RESILIENT
DIGITAL EXPERT
SHOW INITIATIVE
GOOD COMMUNICATOR
TEAM PLAYER
BSDC
JOB READY
SELF-CONFIDENT
STRONG LEADER
SKILLS PROMISE
CREATIVE THINKER
GOOD PROBLEM SOLVER
ENTREPRENEURIAL

Embracing technology

Artificial Intelligence Working Group – learners and our people

Targeted investments co-designed with industry

Technology to support current and future practice

Engage learners with more exciting ways of learning

Investment in 'Learning Technologist'

CPD aligned to technological investment

Celebrate accidental technological impacts

Technology driving teaching practice

Use of artificial intelligence to ease teacher workloads

Learning Technologist developing pedagogy

Continued CPD

Using technology for new ways of working

Delivering simulated learning experiences

Using industry to help develop practice

Sustainability in curriculum

Map SDGs to Organisational Strategy

Embed sustainability projects in curriculum

Map existing sustainability practice

Develop carbon literacy

Teach learners about sustainability in their wider lives

'Meat Free Mondays'

Sustainability in our business

Set ambitious targets on carbon reduction

Communicate simply and effectively

Measure progress

Invest in greener ways of working

Build sustainability in all lesson planning

Develop our learners understanding of sustainability

Sustainability working group – let people lead

Support industry in new ways of working

Introduce new technologies/ways of working with a focus on employment outcomes

Give learners a competitive advantage in the employment market

Make learners industry changemakers

Work with leading employers who can facilitate change

Checkatrade

UK's leading construction and engineering website pairing industry with projects

CaT identified they needed to develop their employers' skills towards new technologies

BSDC future skills courses promoted via their channels

Joint narrative on the need and opportunity to move to change

Funding from local Mayor to facilitate this initiative

Over 50 employers engaged to date

Conclusion

The world is changing rapidly, and we must continue to adapt to this change

Think both locally and globally

Work with the supply and demand of education

Allow your people to lead and be prepared to follow

Adapt your approach to your context – there is no 'one size fits all'

Recognise your 'education business' as well as 'the business of education'

Believe in your collective power to transform the future

Thank you