

Architect Level 7

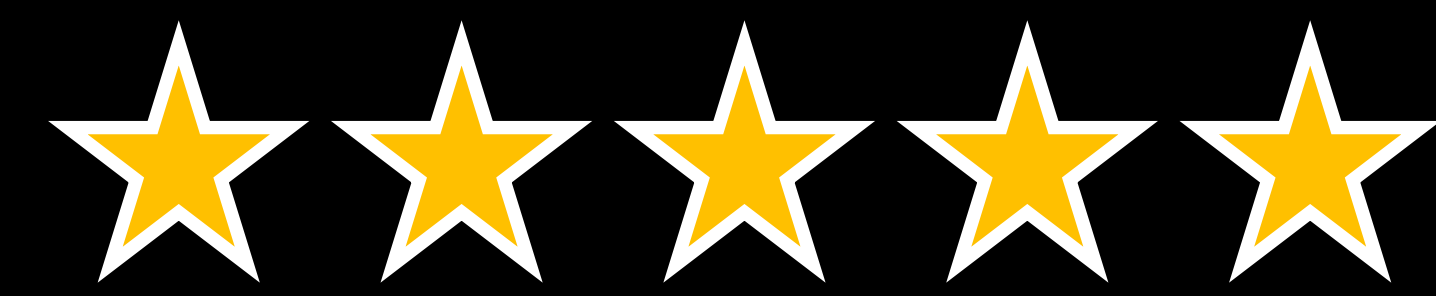
Oxford Brookes Programme Overview 2023-24

Faculty of Technology, Design and Environment

LINK

apprentices@brookes.ac.uk

Oxford Brookes Architect Degree Apprenticeship



Validation with 5 Commendations / ARB Prescribed

**Built from
Ground UP**

**Launched in 2018
1 of 4 providers in
trailblazer group**

**ARB
Prescribed
EPAO
Registered**

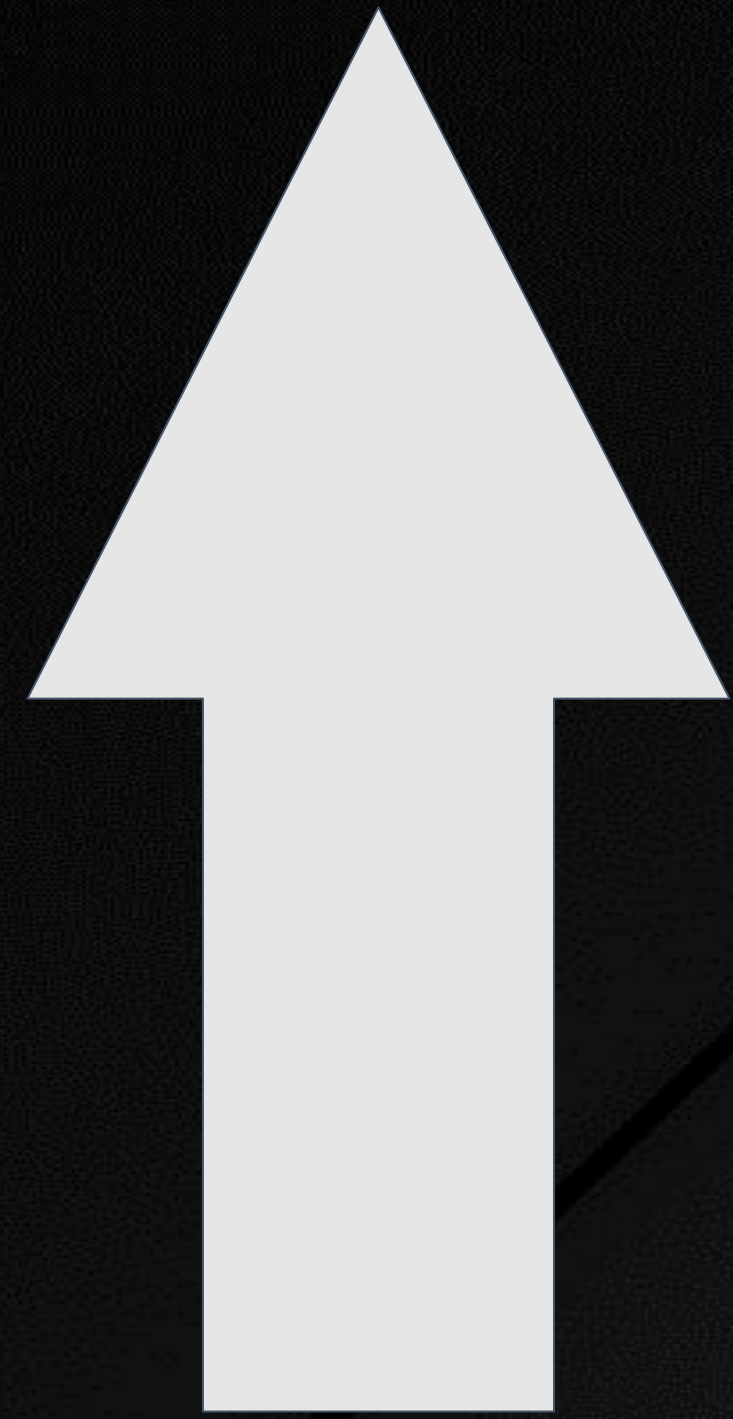
**2022 - First two
apprentices in the
country to complete
professional
qualification via our
fast-track Year 4
route**

A collaborative research and development programme (linking Academia and Industry) from one of the UK's leading architecture schools.



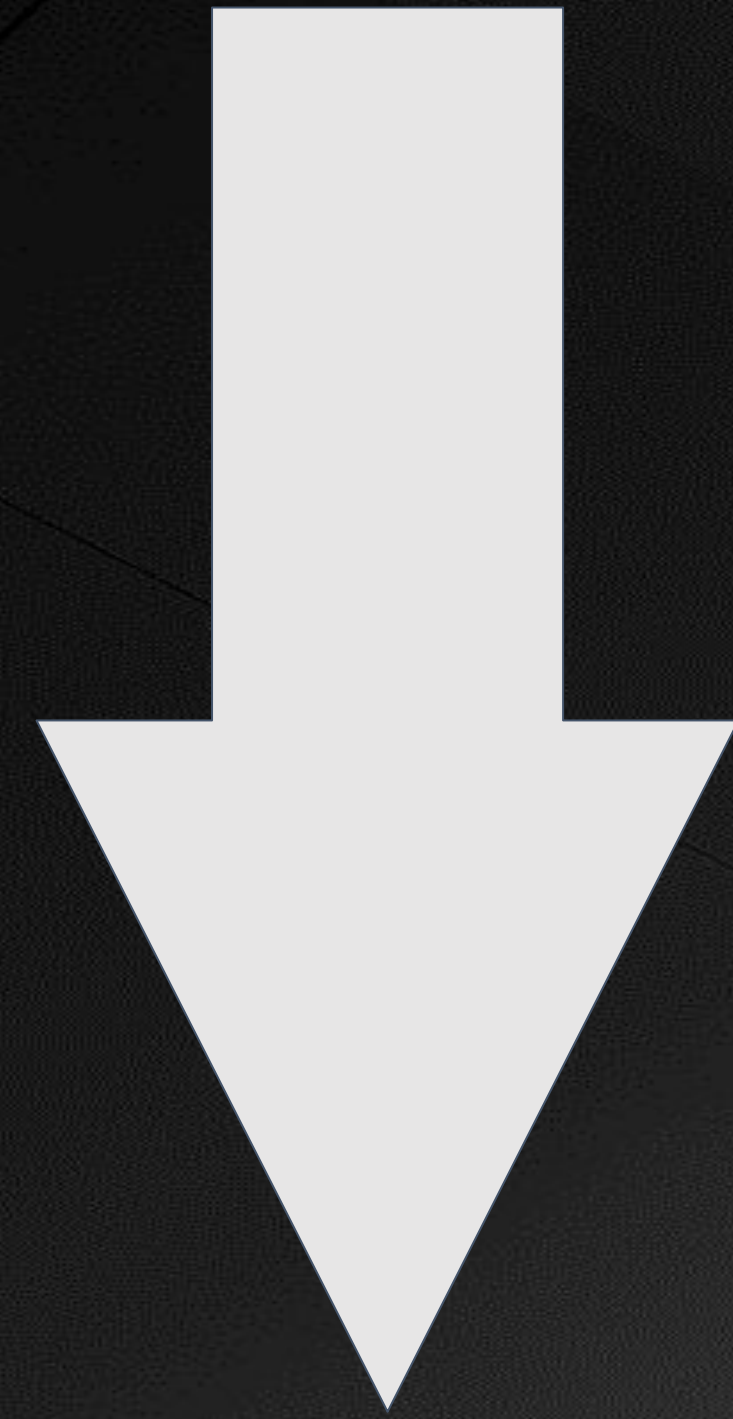
Paradigm Shift in Education

Opportunities the Apprenticeship Provides



Increased Opportunities

Diversity and Equality
Research & Knowledge Exchange
Academic & Industry Partnership



Reduced Pressures

No cost to student
Talent Retention / Visibility
Fast track to qualification

Unique Pedagogy
(Collaborative R&D)

Unique Delivery via Intensives

Unique Relationship across
Tripartite

>>BUILT FROM GROUND UP<<

01/ Strategic

Objectives / Education Paradigm Shift / Collaborative R&D

Tripartite Relationship is Key

Fundamental Engagement Driving Focus

**Required to be Employed
3+ years prior UK residence**

Apprentice

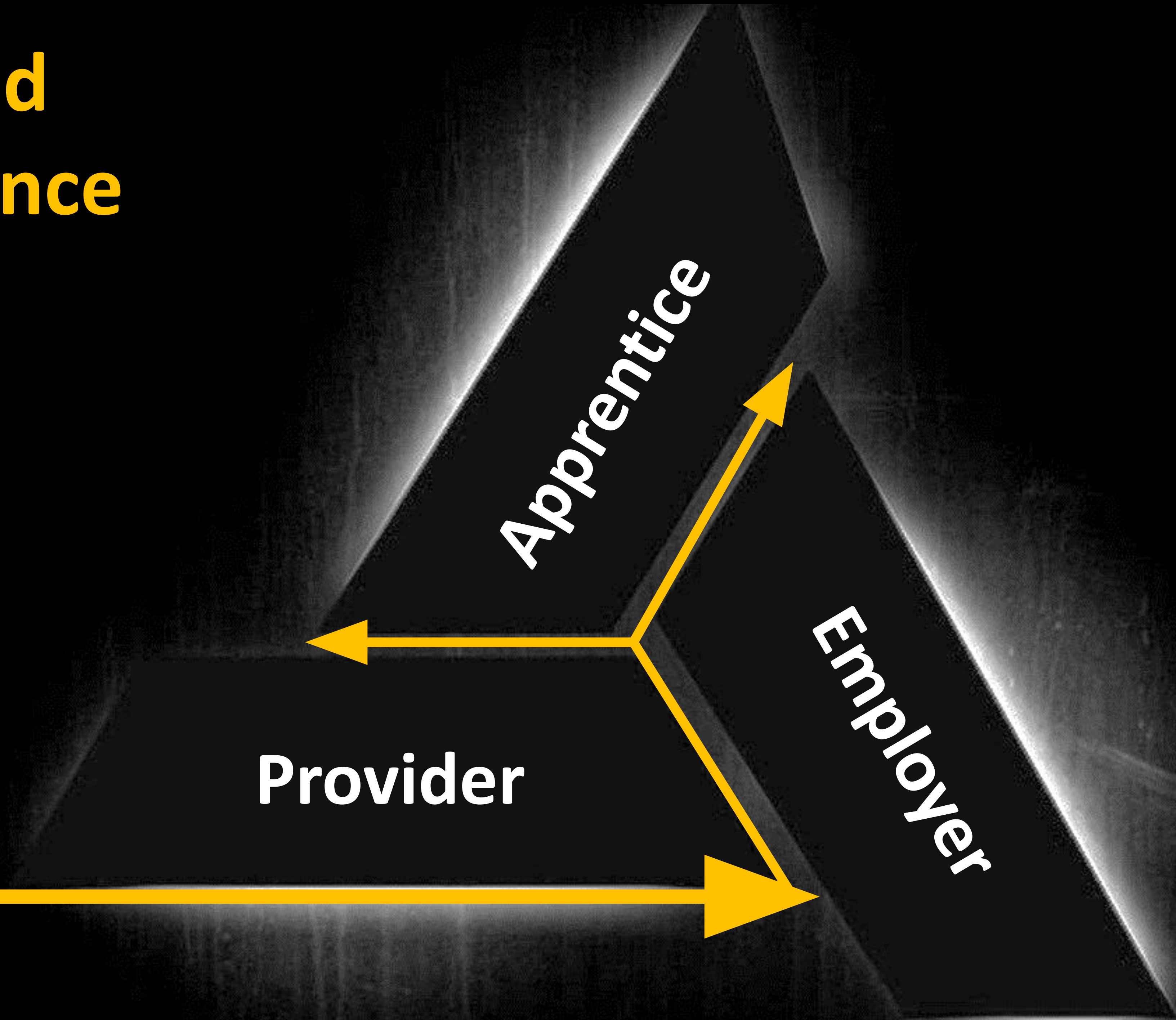
- Commitment to learn
- Communication
- Impact workplace

Employer

- Minimum 6 hours per week equivalent for learning and training
- Workplace mentor

Provider

- Tripartite meetings
- Academic adviser
- Teaching / Learning support



Apprentice Profile _ 5 Points

Key Skills and Aptitude for Apprentices

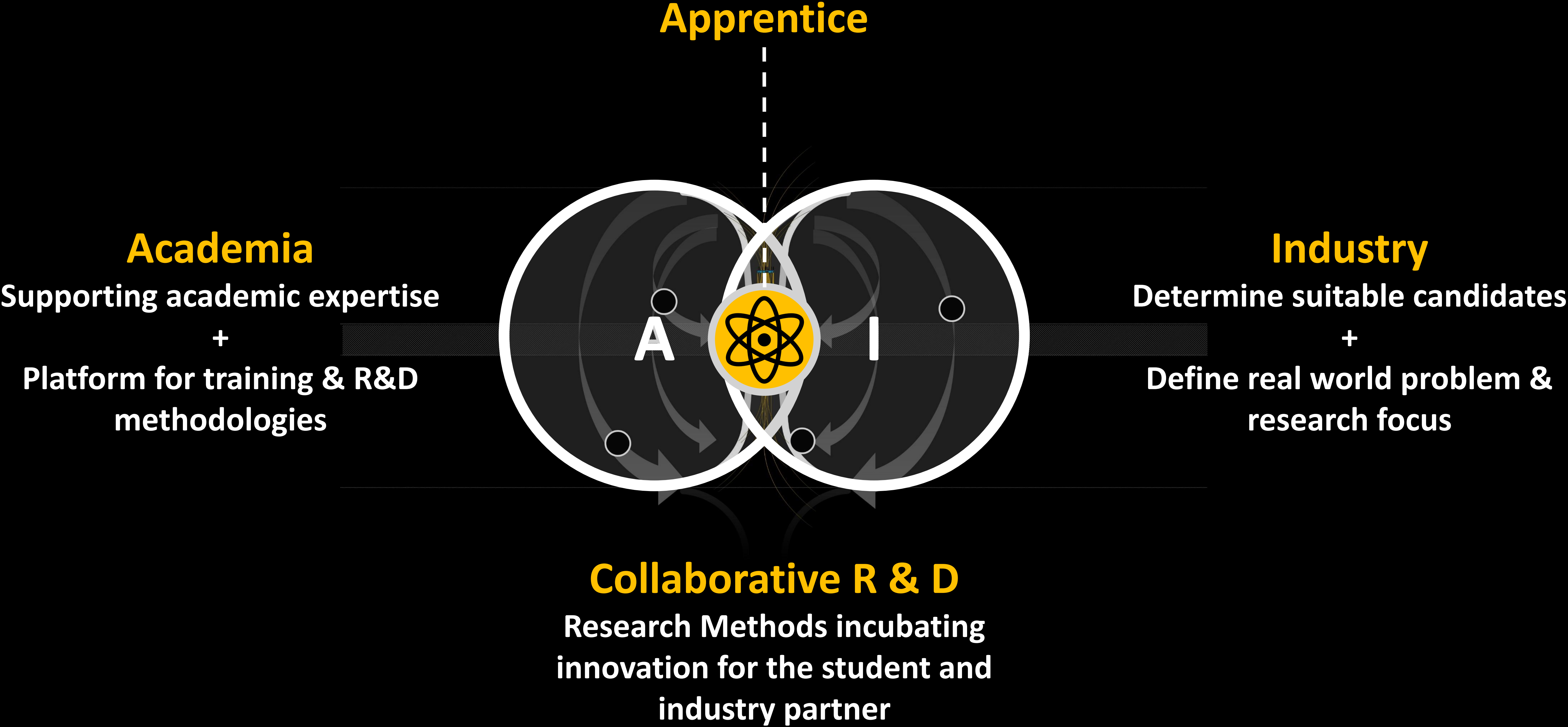


1. **Interested in Research Led Design_** Working collaboratively with practice and academic team to develop research impact and knowledge exchange.
2. **Ambition to Innovate_** Pushing the boundaries of advanced architectural design
3. **Open Minded and Adaptive_** Ready to engage in a new programme and be part in the shaping and development of their own educational experience.
4. **Willing to Take Risks_** Trying new methods and approaches of design. The programme offers a unique pedagogical approach.
5. **Confident with Guided Independent Study_** required to work independently for periods between intensives (with support from mentors + supervisors at specific times)

***Unique R&D focused pedagogy differs from standard full or part time course. Apprentices will work within a highly dynamic learning environment during intensives and be guided through periods of independent study.**

Accelerate Innovation

Opportunity to Build Symbiotic Partnerships



02/ Tactical

Simulation & Application / Industrial Strategy /
/ Pedagogical Design & Delivery

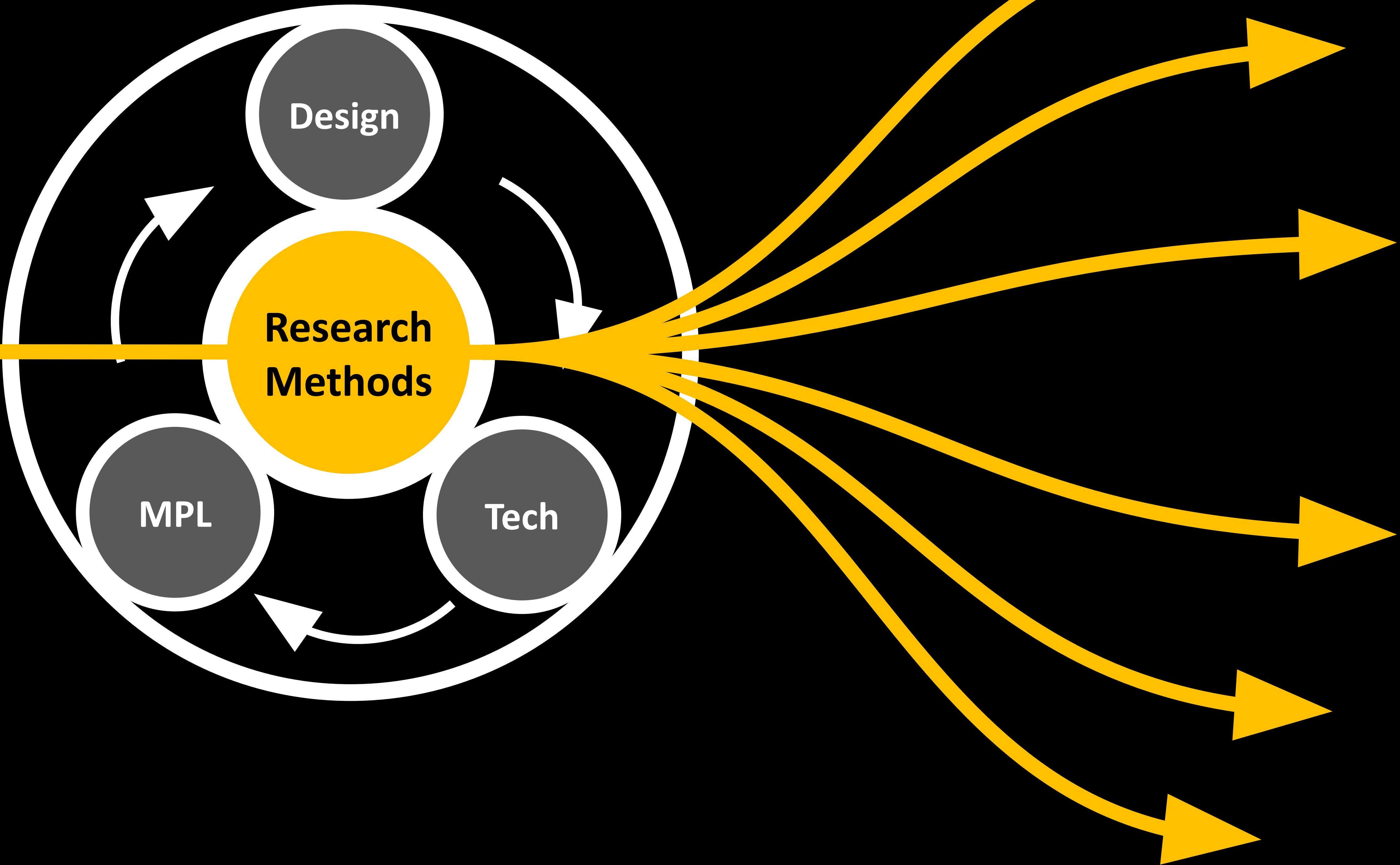
Programme Delivery

Structured for Iterative Development through Simulation / Application

MArchD_240 credits						Part 3 / EPA		
Year 1 (80 Credits)		Year 2 (80 Credits)		Year 3 (80 Credits)		MArchD & Part 2 Award / Gateway	Year 4	
Research Proposal		Research Thesis					Professional Examination	
Teaching, Learning & Assessment								
Simulation		Application					Preparation	
Applied Design in Architecture 1 (40 Credits)		Applied Design in Architecture 2 (40 Credits)		Applied Design in Architecture 3 (40 Credits)			Case Study Report supported by Design Project / Challenge	
Advanced Technology for Design 1 (10 Credits)		Advanced Technology for Design 2 (10 Credits)		Advanced Technology for Design 3 (20 Credits)				
Management Practice and Law 1 (10 Credits)		Management Practice and Law 2 (20 Credits)		Management Practice and Law 3 (10 Credits)		Interview supported by Career Appraisal		
Research Methods for Design 1 (20 Credits)		Research Methods for Design 2 (10 Credits)		Research Methods for Design 3 (10 Credits)				

Research Cluster _ Integrated Approach

Leveraging Research Studio Structure



Studio Structure

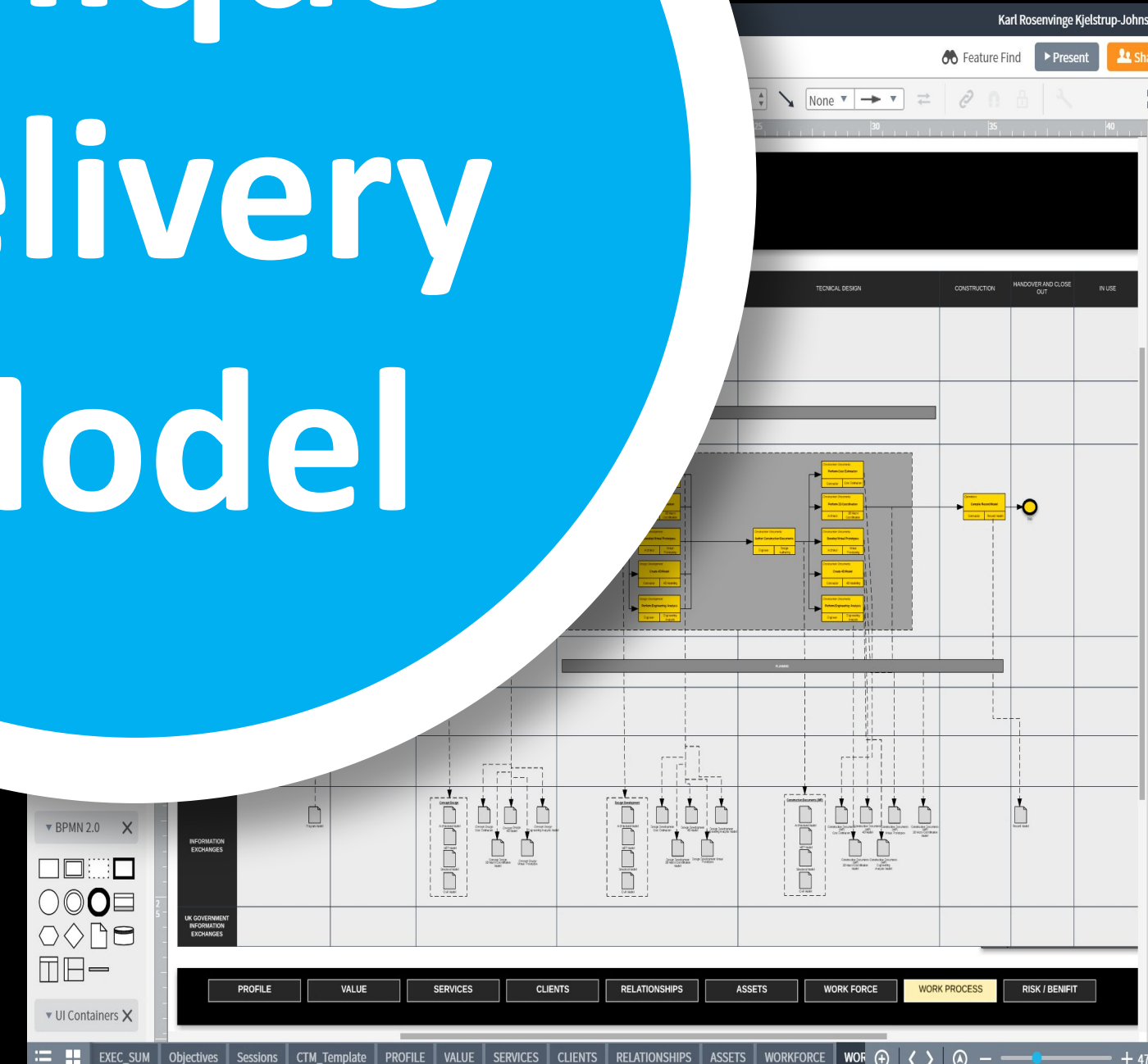
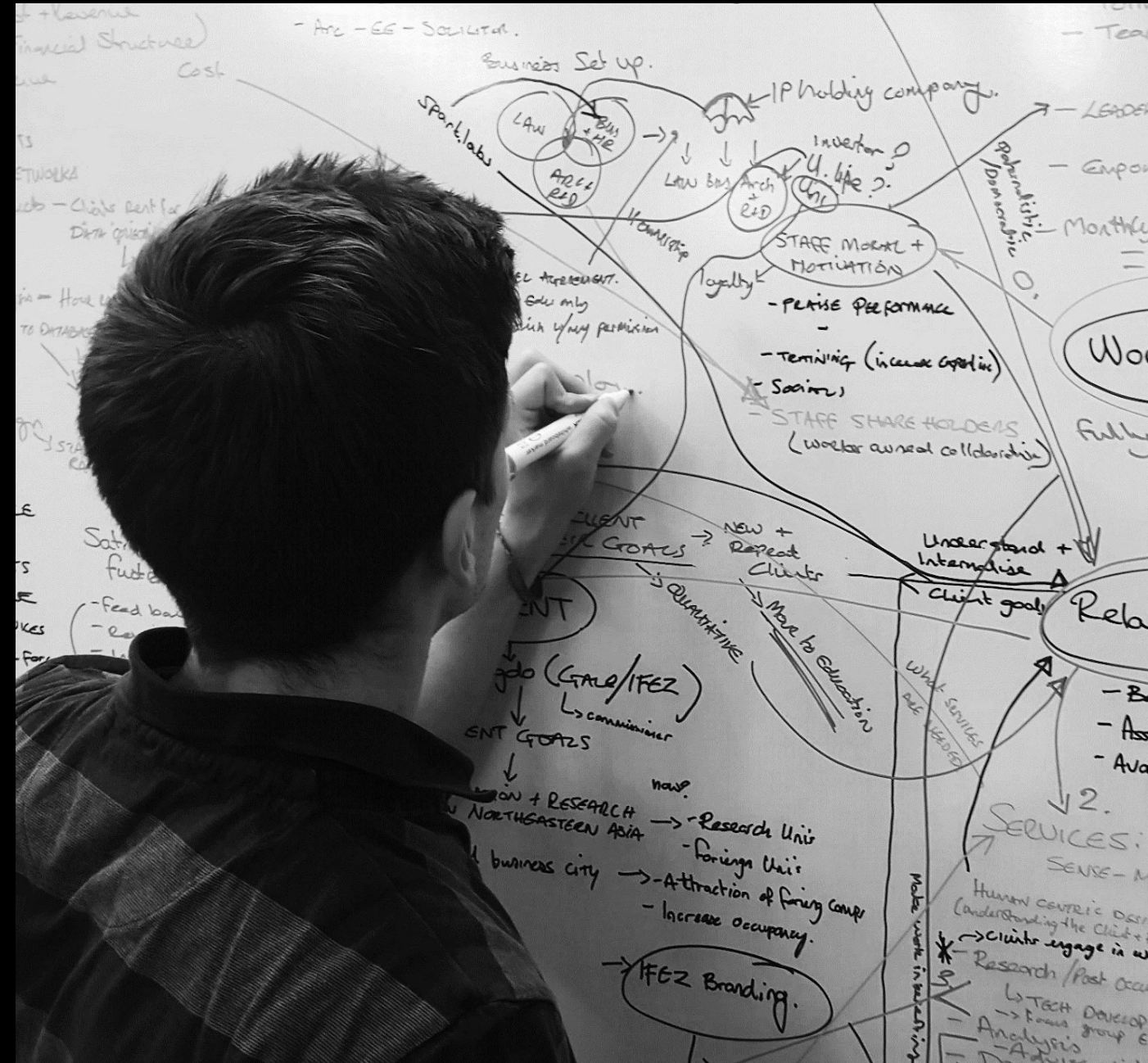
- Apprentices
- Design tutors
- Technology tutor
- Research Methods tutor
- MPL tutor

Formed of academic experts and students engaging in research in design, technology and management practice and law, enabling the skills required for the next generation of architects.

Blended Learning Model

Teaching and Learning Strategy

Unique Delivery Model



Simulate / Apply

Focus for Year 1 will be research through simulated projects. Year 2+3 will focus on research through Applied Projects set against RIBA Assessment criteria (skills, knowledge, behaviour).

Intensives

A series of intensive training sessions will be set throughout the academic year - delivered virtually, or on-site in Oxford or London. Apprentices use chunks of their off-the-job training allocation to attend each intensive

Online

An Online platform will provide comms, learning material, collaborative forums and continued assessment offering clear visibility into the performance of each apprentice.

Work Based

The programme benefits from in office Mentor. An enhanced PEDR+ will be used for assessment of work-based learning and the application of skills/ knowledge/ behaviour within work.

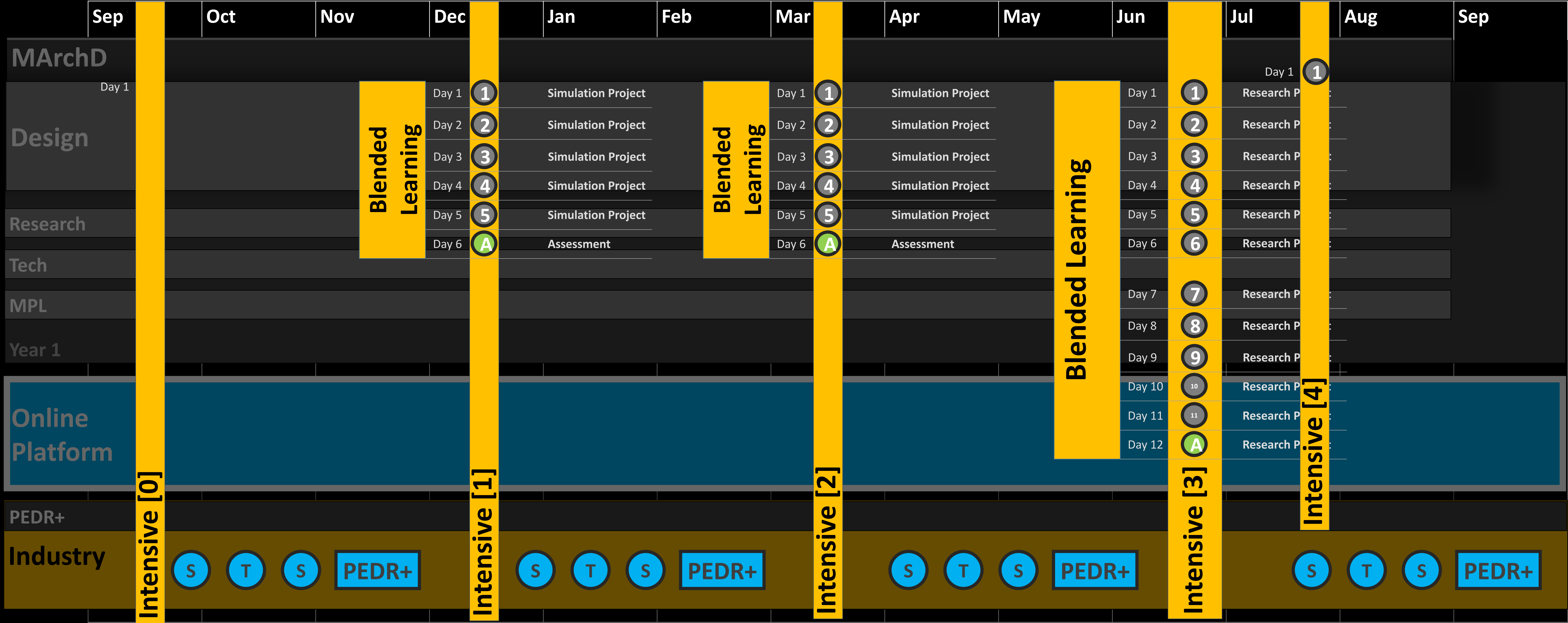
Intensives Delivery (Yr1)

Key Junctures Throughout the Academic Year

September Intake

Intensives represent 50% (26 days) of total off-the-job training, and are scheduled at key junctures throughout the year. They provide contact time with academics equivalent to that of full-time Part 2 MArchD students. The remaining 26 days are conducted within the workplace as prescribed objectives, or preparatory work for intensives - approx 6 ½ days between each intensive.

The structure enables access to global leading expertise to engage for the intensives as well as potential to distribute the delivery to remote locations.



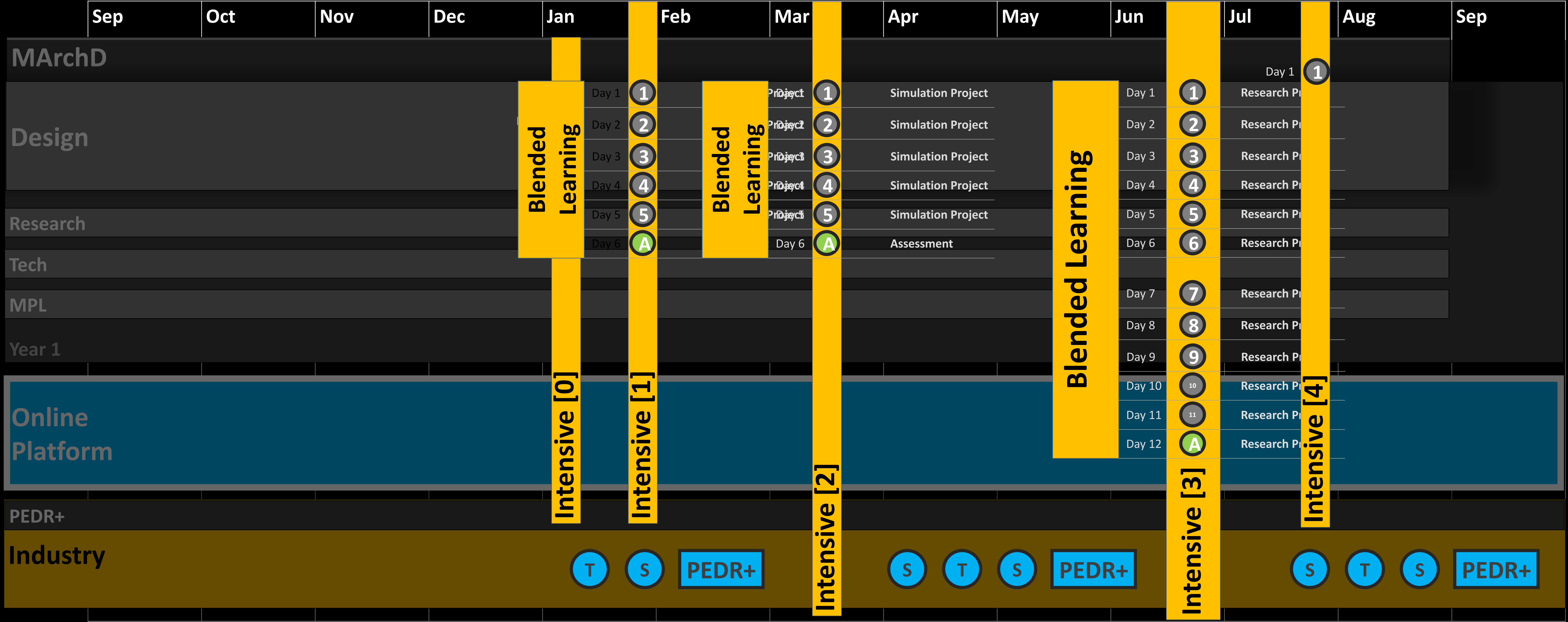
Intensives Delivery (Yr1)

Key Junctures Throughout the Academic Year

January Intake
Accelerated Semester 1 in Year 1 (18.5 hrs p/w equivalent)
Goal = join prior September cohort, with same end date

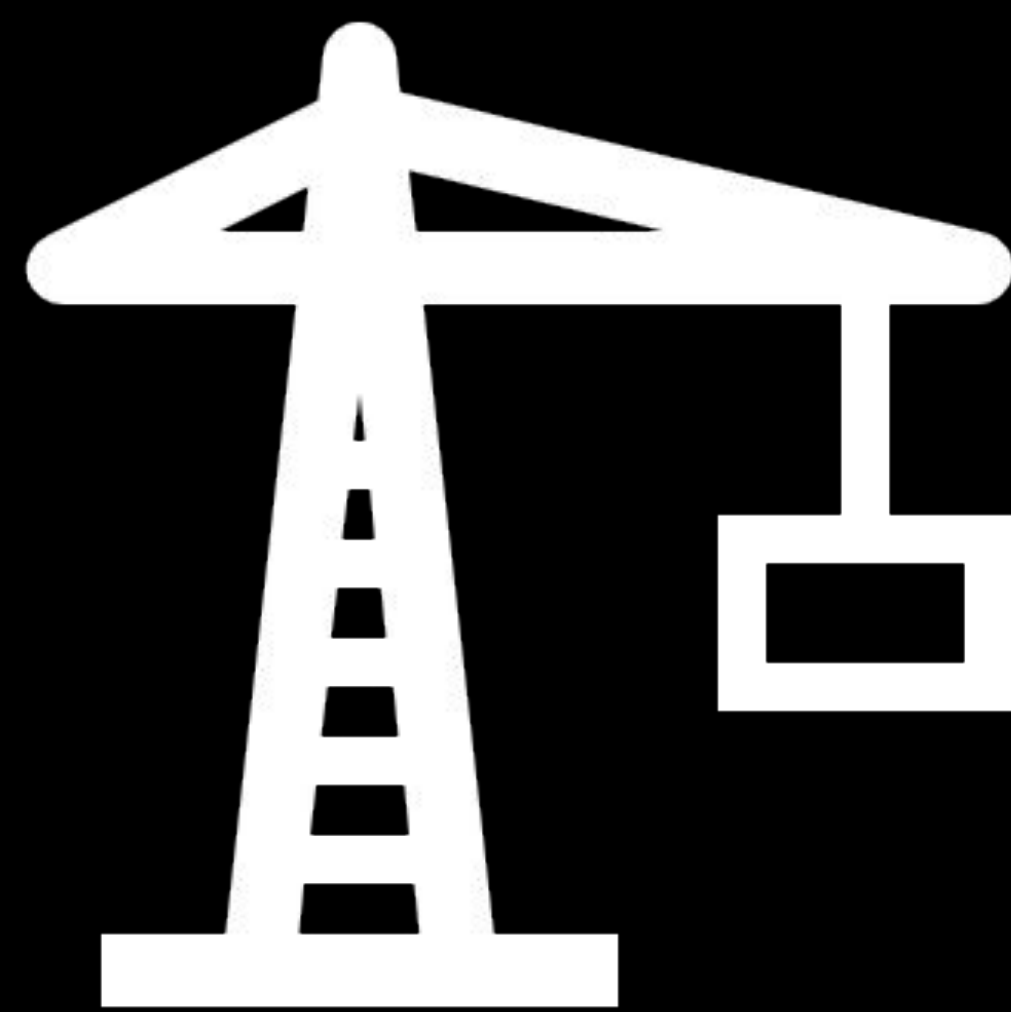
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Intensives Structure

Intensive Streams Examples



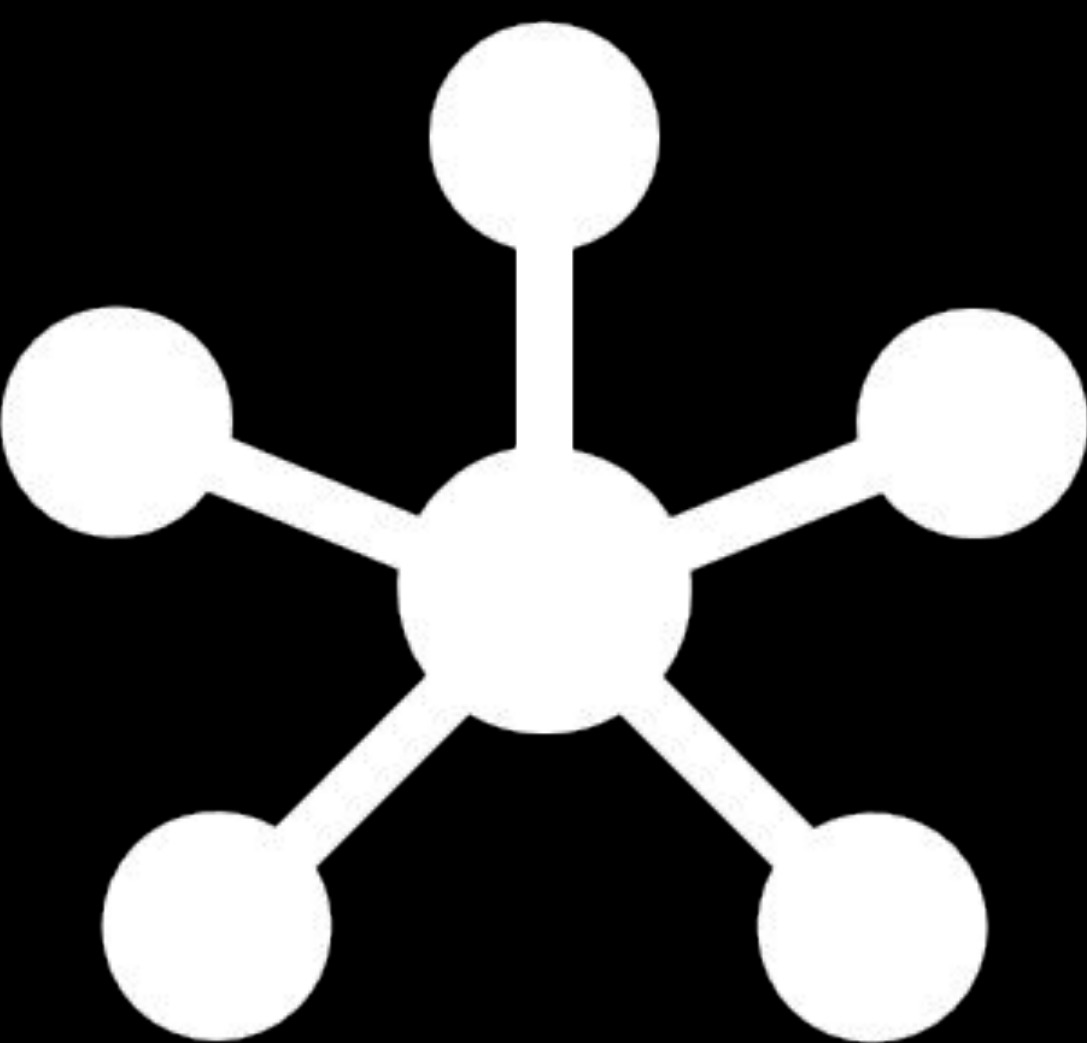
Digital Workflows

Computational Design
Parametric Modelling
BIM



Human Factors

Virtual / Augmented Reality
Social / Political / Economical
Physiological / Psychological Response



Intelligent Systems

Simulation / AI
Systems Modelling
Digital Manufacture

Information

The key research themes build upon the Core delivery team expertise and enable the Apprentice to gain training across relevant themes.

In year 2 and 3 the apprentice can focus into specific domain informed by the industry partner. Brookes will assimilate teaching associates to support the specific research.

03/ Operational

Accelerated Learning / Systems
High Performance Team

Academic Core Team

Wide-Ranging Research & Industry Experience

Research



Jon Tollit

BA(Hons), Dip Arch, ARB, RSA ,
LEED AP(NC)

Senior Lecturer @ Brookes

- Apprenticeships Module Lead
- MArchD Design Studio Lead DS6

Director JT_A_ Strategic design,
regeneration of places and
buildings, architectural design and
delivery.

Pt3 Professional Examiner

Previous_ Principal Gensler,
Director Eva Jiricna Architects

Architectural & Urban Design

Regeneration and Reuse

User Experience and Social Value

Industry / Academic Relationships

Technology



Gosia Starzyńska-Grześ

ARB

Lecturer @ Brookes

- ARB registered architect,
- Educator, and a researcher at
the Royal College of Art in
London. Trained in Poland and
the UK, Gosia practised in
Zurich, Beijing and London

Previous_ Architect at PRP,
Research Associate at RCA

Regeneration

Research Methods

Machine LEarning Technologies

Material Engineering

Design



Denis Vlieghe

M.Arch.(High Dist.), Exec. MBA
(Honors).

Lecturer @ Brookes

- Apprenticeships Subject Lead
- MArchD Design Studio Lead DS6

Director Cube Zero_ Design
solutions: planning, architecture,
interaction and industrial.
International Educator

Previous_ Grimshaw
Computational Design Unit Lead
| Shigeru Ban

Computational Design (BIM/ AI/ Para.)

Robotics & Manufacture

Virtual/ Augmented Reality

Architectural & Urban Design

Part 3/ EPA



Peter Garstecki

Barch, M.Arch, RIBA

Senior Lecturer @ Brookes

- UG + PG + Part 3 +
Apprenticeships Management
Practice and Law
- Industry & Professional bodies
Relationship

Director Cube Zero_ Associate
Partner Foster + Partners

Previous_ Wilkinson Eyre | HUT
Architecture

Validations

Part 3

Industry / Academic Relationships

Architectural & Urban Design

MPL



Karl Kjelstrup-Johnson

BTEC. AABA(Hons). AADipl. FLS.

Programme Lead @ Brookes

- Apprenticeships Programme
Lead
- PhD Candidate (Computer
Science)

Director Tectonic IP_ Consultancy
developing disruptive strategies
and technologies

Previous_ Grimshaw
Computational Design Unit Lead
| CHM2| NOX

Design/ Strategic Thinking

Intelligent Systems Psychology

AI and Data Analytics

Computational Design (AI/ Para.)

Intensives Delivery Team

Cutting Edge Research and Vast Industry Experience



Halla Huws



Alex Kallegias



Maggie Wang



Silena Patsalidou



Bridget Munro



Yuting Cheng



Sergej Maier



Jason Coleman



Gosia Starzynska



Cristina Garza Lasierra

Our current cohort

An inclusive and unique network within leading practices

Do you want to join our network of apprentices? Our cohort has:

- Over 90 apprentices
- Diverse and inclusive cohort of apprentices & academics
- Age range spanning over 30 years
- Presence in over 45 partner companies, including:

GRIMSHAW **Aedas**

Foster + Partners

WestonWilliamson+Partners

**Feilden
Clegg
Bradley
Studios**

ARUP
**SCOTT⁺
BROWN RIGG**

Gensler

MULALLEY

**STRIDE
TREGLOWN**

bptwpartnership

Apprenticeship Funding

Available to both small and large employers

>> £21,000 tuition costs total - drawn down monthly from levy or government payments

Levy does not fund travel or accommodation expenses

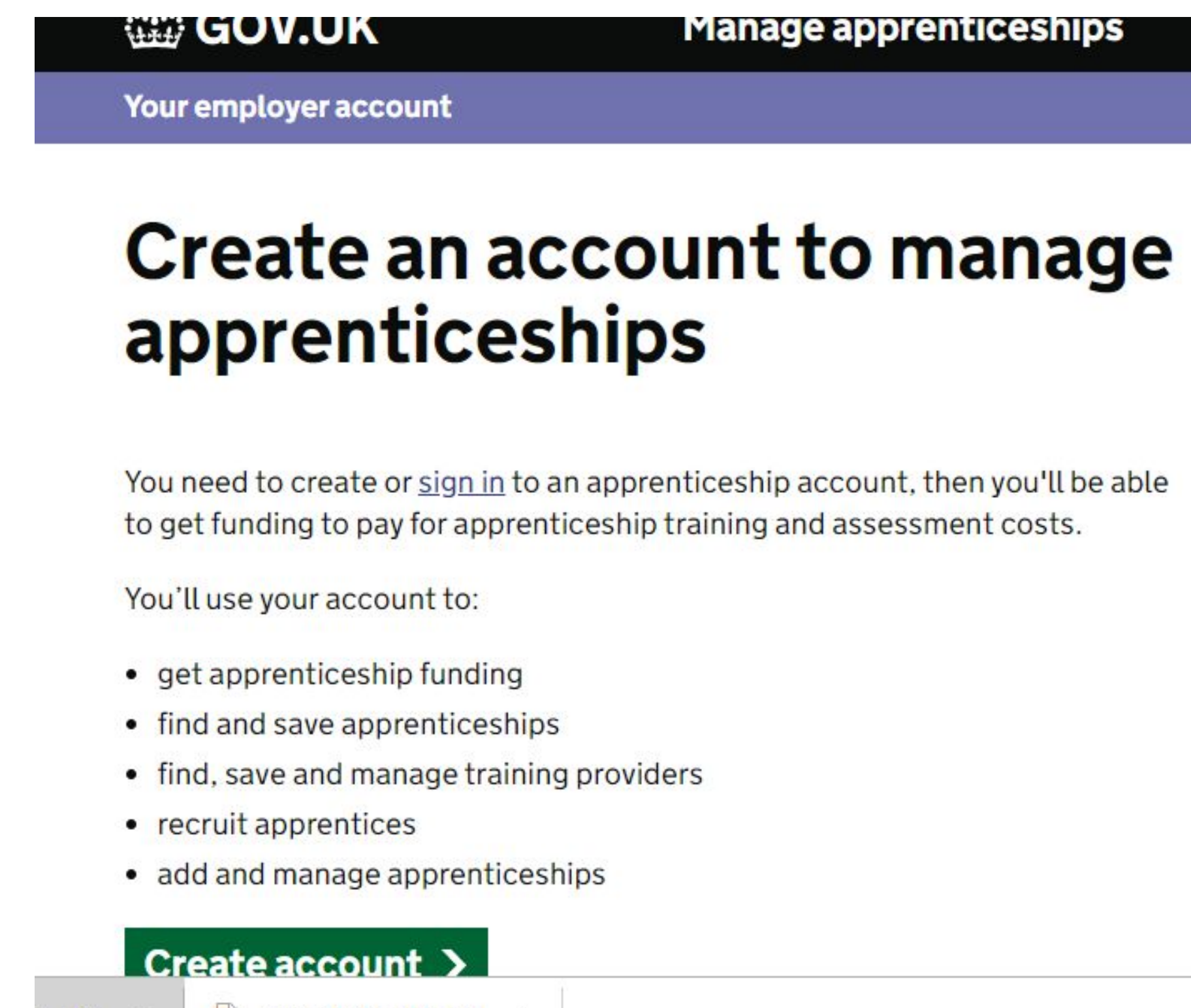
>> Employers with £3 million+ annual payroll automatically have a levy pot

>> SMEs that do not pay the apprenticeship levy can also access funding:

- Government Reservation (also known as 'co-investment')
95% paid by government, 5% paid directly to OBU (c. £1050); or
- Receive a levy transfer from another employer pledging funds

>> Setup an account on the Digital Apprenticeship Service portal

<https://www.gov.uk/guidance/manage-apprenticeship-funds>



Next Steps

Application process

Ensure Support

- Candidate raises interest with manager and employer
- Apprentice / employer fills in expression of interest form
- Meet with Oxford Brookes and check suitability
- Employer identifies candidates, formally nominates to OBU

Application

- Candidates invited to apply - using the Aptem portal
- ID / Right to work, Part 1 qualification, 20 page portfolio, Personal Statement, CV, Level 2 English and Maths
- 'Skills Scan'

Interview + Portfolio Discussion -> Decision

Onboarding

- Meet conditions of offer (if applicable)
- Sign key documents
- Place confirmed -> enrol with Oxford Brookes, attend induction & orientation

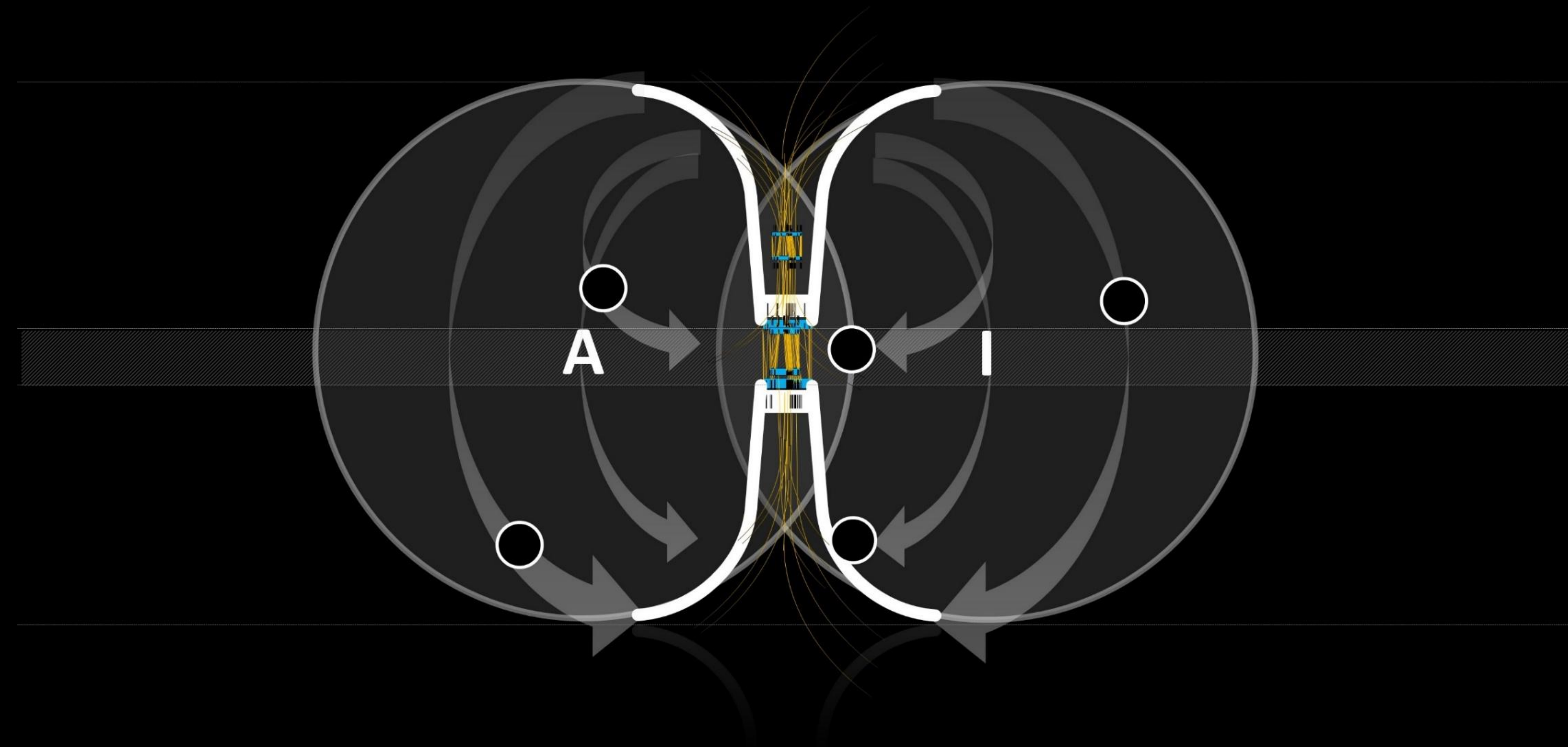
Join the 2023 Cohort

NEVER STOP ACHIEVING

Embrace your future

#ThisIsBrookes





UK Partnerships & Apprenticeships

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