Capital funding for financial years 2022-23 to 2024-25

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Contents

Summary

1. This document provides an overview of the process and outcomes for the distribution of capital grant by the Office for Students (OfS) for the three financial years (April to March) 2022-23, 2023-24 and 2024-25. It follows a competitive bidding exercise that was held between May and July 2022 where eligible providers submitted bids for assessment. The process of assessment was completed in October 2022.

2. The document summarises the allocations we have made to each provider, both through a small formula allocation totalling £11 million for the 2022-23 financial year and £399 million distributed between 100 providers following the bidding exercise launched in 'Capital funding for financial yeas 2022-23 to 2024-25: Formula allocations and invitation to bid'.[1]

Action required

3. This publication is for information only and no further action is required from providers.

[1] See www.officeforstudents.org.uk/publications/capital-funding-for-2022-23-to-2024-25-formula-allocations-and-invitation-to-bid/.

Introduction

4. In March 2022, the Secretary of State for Education issued a guidance letter, which announced capital funding of £450 million in total, to be distributed over the three financial years 2022-23, 2023-24 and 2024-25.[2]

5. The guidance letter set certain expectations around the distribution of capital funding to providers, acknowledging the successful bidding exercise that took place in financial year 2021-22 and requesting that the OfS continue to allocate the majority of capital funding through a competitive bidding process to support specified priorities. Of the £450 million capital funding announced in the guidance letter, approximately £50 million (over the three financial years) will be required to meet existing commitments, support national facilities and regulatory initiatives[3] and fund the annual formula capital allocation

6. Following consultation in 2021, We adopted a new approach for the allocation of capital funding in financial year 2021-22, whereby capital funding for eligible providers registered in the Approved (fee cap) category was distributed through two mechanisms: firstly, a small annual formula allocation to all eligible providers; secondly, the majority of capital funding was allocated in response to bids in a competitive exercise.

7. This approach and methodology have again been adopted for the financial years 2022-23 to 2024-25, as set out in 'Capital funding for financial years 2022-23 to 2024-25 – Formula allocations and invitation to bid'[3] (OfS 2022.19) with funding again distributed through two mechanisms:

    a. £11 million through a small annual formulaic allocation

    b. Up to £400 million through a bidding competition.

Formula allocation of capital funding

8. We will continue to provide an annual formula allocation to all eligible providers. This is to address concerns raised in our capital funding consultation of 2021, that small providers would be disadvantaged if funding were allocated solely through a bidding exercise (see OfS 2021.27[4]).

9. The formulaic allocation for financial year 2022-23 is capped so that no provider receives an allocation of more than £50,000. This approach addresses the potential disadvantage that the smallest providers might face if all funding was provided through a bidding competition. In setting the cap at this level, we have sought to strike an appropriate balance in ensuring that all

[2] See: 'Guidance to the OfS on the higher education strategic priorities grant for the 2022-23 financial year (March 2022)', available from: www.officeforstudents.org.uk/advice-and-guidance/regulation/guidance-from-government/.

[3] This includes capital funding for Jisc (https://www.jisc.ac.uk/) and for the development of Data Futures by the Designated Data Body (https://www.hesa.ac.uk/innovation/data-futures).

[4] See www.officeforstudents.org.uk/publications/capital-funding-for-financial-year-2021-22-allocations-and-invitation-to-bid/.

providers that meet a minimum threshold receive a meaningful sum, while also ensuring that the large majority of capital funding is distributed through the bidding competition.

10. Providers eligible for financial support are those registered with the OfS in the Approved (fee cap) category. However, as in previous years, we will not provide a formula capital grant if a provider's allocation through the formula would be less than £10,000. Subject to providers meeting all eligibility criteria for capital funding and our having sufficient funding available, we will make further formula capital allocations to providers that become registered in the Approved (fee cap) category after 14 April 2022 and before the end of the financial year (31 March 2023). This figure will reflect the number of days that the provider has been registered within that year and be scaled back accordingly. This could result in some providers not being eligible for any funding if their formula allocation fell below the minimum of £10,000. The distribution of the formula funding between providers is included in Annex A and further information on our approach and method of calculation is in OfS 2022.19.

11. Formula allocations for the financial years 2023-24 and 2024-25 will be announced separately at a later date.

Bidding competition for capital funding

12. OfS 2022.19 set out our approach to a bidding exercise for capital funding for the three financial years 2022-23, 2023-24 and 2024-25. In order to be eligible to bid, a provider must have been registered, or have applied to register, with the OfS in the Approved (fee cap) category. For a bid to be supported, a provider must have been registered in the Approved (fee cap) category by the time the OfS took decisions on which bids to support. We invited bids that were assessed against the following two criteria:

    a. The funding was for 'relevant expenditure'.

    b. The project and associated risks will be well managed and the project will provide value for money and support environmental sustainability in reducing energy usage.

Criterion 1: Relevant expenditure

13. Under criterion 1 a bid was required to demonstrate that it would directly support relevant facilities in relation to one or more eligible projects.

    a. Relevant facilities were:

        i. The purchase of equipment (including IT equipment) used for learning, teaching or assessment. This does not include renting or hiring of equipment.

        ii. The acquisition, replacement or construction of premises or infrastructure (including IT infrastructure) used for learning, teaching or assessment. Acquisition may include the purchase of leaseholds, but this category does not include the making of payments outside of the purchase price, such as for rental or service charges.

        iii. The refurbishment, expansion or adaptation of existing premises or infrastructure (including IT infrastructure) that are to be used for learning, teaching or assessment.

b. Eligible projects were required to address one or more of the following three priority categories:

   i. **Category 1**: High-cost subjects of strategic importance. These are subjects in price groups A, B and C1.1. These include laboratory-based subjects in science, technology and engineering, and healthcare disciplines in medicine, dentistry, nursing, midwifery and allied health professions, veterinary science and archaeology.

   ii. **Category 2**: Enhancement of graduate employability and skills needs of employers and industry and therefore local and regional economies, in particular in supporting technical provision at Levels 4 and 5, and degree apprenticeships.

   iii. **Category 3**: Part-time and other forms of flexible provision to include the development of higher education short course study.

Criterion 2: Value for money, project and risk management

14. In order to meet this criterion, bids needed to demonstrate that any capital projects or expenditure that may be supported would be well managed, provide value for money and ultimately minimise risks to public funds. We primarily looked to understand how any OfS funding contributed to the overall financing of a project and how proportionate the OfS contribution would be when determining the benefits of the project to students, graduates, employers and others, but particularly those populations relevant to the priority categories stated above. Under criterion 2, we also needed to be confident that the provider had demonstrated how it would manage public funding effectively through the project. This included management of all aspects, from planning and procurement to delivery, ensuring that risks are well managed and that the provider is both ready for the money and able to use it all in the time available: that is, by the end of the financial year 2024-25. Furthermore, due to the government's commitment to reducing energy use in new and existing buildings to meet the legislative net zero greenhouse emissions target by 2025, we sought assurance that providers considered environmental sustainability as part of their bid. We were clear that we would not support bids that scored less than 2 (satisfactory) against this criterion.

Assessment and scoring of bids

15. Eligible providers were requested to complete and submit an online form for assessment by the OfS. The form collected numerical data in a structured format about the financing for capital expenditure (both in terms of funding sought from the OfS and any other sources of finance for the capital project or items). The form also collected narrative information in five sections, in which providers were asked to provide:

    a. An executive summary of their bid, including a clear explanation of the relevant facilities that the bid was for.

    b. An explanation of how their bid addressed the criteria, including each of the three categories of eligible project under criterion 1.

16. As part of the process, we applied the following scoring criteria:

Score		Description
4	Excellent	Clear, well-reasoned and evidenced explanation of how the bid meets the criteria. No material weaknesses in explanation or the evidence referred to or provided.
3	Very good	Clear, well-reasoned and evidenced explanation of how the bid meets the criteria. Some gaps in explanation or the evidence referred to or provided, but not material.
2	Satisfactory	Basic explanation and evidence provided for how the bid meets the criteria. Substantial gaps in evidence referred to or provided, but not material.
1	Poor	Basic explanation of how the bid meets the criteria. Little or no evidence to support the bid.
0	No score	Little or no explanation of how the bid meets the criteria or little or no evidence to support the bid. Bid contains material inconsistencies or weaknesses in the explanation or evidence referred to.

17. In order to recognise that some providers may have wished to submit bids that focused particularly on addressing one of the categories of eligible projects identified in paragraph 13, but not all of them, we prioritised bids from eligible providers that achieved a score of at least 2 against criterion 2 (value for money, project and risk management) as follows:

    a. Step 1 – We prioritised between bids based on the highest single score achieved under criterion 1 against category 1, 2 or 3 plus the score achieved against criterion 2. This gave a maximum score out of 8.

    b. Step 2 – Secondly, where bids had achieved the same score out of 8 under Step 1, we prioritised between them based on their total score against each category 1, 2 and 3 combined under criterion 1. This secondary measure gave a maximum score out of 12. The invitation to bid explained that the Step 2 prioritisation was essentially to be used as a 'tiebreaker' where we were unable to afford to support all bids with a particular score under Step 1. It would not be used to prioritise one bid above another that had scored more highly under Step 1 (subject to those bids having scored at least 2 under criterion 2).

18. We received **203 bids** requesting a total of **£830 million**.

19. In OfS 2022.19 we set an initial maximum cap of £6 million on the amount that any provider might receive over the three-year funding period (financial years 2022-23 to 2024-25) through the competition. However, we explained that if the funds available were oversubscribed, we may reduce the initial maximum cap below £6 million, to ensure that funding for the bids to be supported came within budget. Given the volume of high-quality proposals received, we have reduced the maximum cap to **£5.8 million** for successful bidders. In doing so, we have sought to ensure we are able to offer an overall package of support across a broad group of providers that we consider best meets the priorities for the funding. As a result, we are providing funding for 100 providers, of whom 47 will receive the maximum allocation of £5.8 million.

20. The total funding awarded through the bidding exercise is **£399 million**. Annex A summarises the total distribution to providers through both the small formula element and the bidding competition. We have provided a full list of successful providers and a short summary of the projects that they will be undertaking, in Annex B.

21. Successful bids were across all regions of England, and across all types of registered Approved (fee cap) provider, including those with specialist provision. However, because we were oversubscribed, we were not able to support every bid. It was necessary to prioritise those projects we considered best met the objectives and criteria set out in the invitation to bid document. In particular, successful bids clearly identified how the project aligned with the criteria for relevant expenditure and provided greater assurance that the money would be well managed and spent within the required timeframe.

22. We received a number of interesting and innovative projects where the bid was unable to demonstrate sufficiently how they met the specified criteria and priority categories set out in our invitation to bid publication. As a general observation, we found that Criterion 2 responses were weaker overall with this bidding exercise in comparison to the prior year's bidding exercise (for financial year 2021-22). We provided a list of areas that providers should consider when addressing Criterion 2 in paragraph 68 of the Invitation to Bid document (OfS 2022.19) but found providers did not always supply sufficient details in response to this guidance.

23. Due to the length of time the funding covered (the three financial years 1st April 2022 to 31st March 2025), we expected some uncertainty regarding detailed specifics. However, due to the speculative nature of a number of projects, we were not able to score those bids highly. While we acknowledge that not all details may be known, we found that providers that scored better were those that were able to give us precise information on the spend within each category, when it was to be spent, and what the project's specific risks were and how they would be managed, rather than generic or theoretical risks.

24. Several providers identified calculations of value as 'per student' or 'per metre squared' and while this was useful information, we were particularly keen for providers to primarily address the list of priorities as set out in paragraph 68 of the guidance. This was also apparent in the environmental sustainability data, where providers would often refer to their general polices as opposed to how it applied to the specific projects for which funding was sought.

Monitoring of the capital expenditure

13. This capital funding awarded following competition is subject to the terms and conditions set out in paragraphs 47 to 56 of 'Terms and conditions of funding for 2022-23' (OfS 2022.38)[5]. This includes the requirement at paragraph 49 that the funding must be spent on items of expenditure as set out within a successful bid.

14. We will be allocating funding across three financial years and will therefore be seeking clear assurance from providers that the funding awarded has been used for the purposes intended. We will write to providers later in 2022 with further guidance on how to complete their monitoring, initially for the financial year 2022-23. If our monitoring of a provider's delivery of its capital project(s) does not give us confidence that a provider will be able to use all the

[5] [3] See www.officeforstudents.org.uk/publications/terms-and-conditions-of-funding-for-2022-23/.

competitive capital funding awarded through this competition within the relevant funding period, and in line with the terms and conditions that apply, we may withdraw the funding in whole or part.

Annex A: Teaching capital allocations for financial years 2022-23 to 2024-25

Annex A shows the formula capital allocations for financial year 2022-23 and the competitive capital funding awarded through the bidding exercise for financial years 2022-23 to 2024-25. It is available to download as an Excel file alongside this document at: www.officeforstudents.org.uk/publications/capital-funding-for-financial-years-2022-23-to-2024-25/.

Annex B: List of successful providers with a brief description of the projects

We are providing funding for 100 providers, of whom 47 will receive the maximum allocation of £5.8 million. The 100 providers were asked to submit the full title of their project, and a short paragraph that summarises the project, for inclusion in this publication. These summaries are presented below.

ACM Guildford Limited (UKPRN 10067853): £5,227,405

Creative Industries Futures

ACM's recently launched interdisciplinary programme framework enables collaborative practice between the arts, science and technology sectors. With advanced technology at the core, the programme will connect ACM locations and remote communities of practice, in real time over 5G, and will also include an assisted technology centre that enables students with disabilities or neurodiversity to fully participate in the collaborative learning experience. The outputs of this project are core to the vision and mission of ACM, and ACM are grateful to the OfS both for the funding support and the recognition this holds for ACM's contribution to the wider education sector.

Anglia Ruskin University Higher Education Corporation (UKPRN 10000291): £5,689,200

Extended Reality (XR) and Artificial Intelligence (AI) – Centre of Excellence Hub and Spoke delivery mode

The funding will enable Anglia Ruskin University to develop an Extended Reality and Artificial Intelligence – Centre of Excellence Hub and Spoke delivery model at each of the three main campuses serving three regional locations (Cambridge, Chelmsford and Peterborough). The use of immersive technology combined with the university's regional approach will deliver transformative education and experience for students, preparing them for highly-skilled work and helping employers to meet current and future needs. The first high-tech facility in Cambridge would be ready in academic year (AY) 2023-24, with the final location to be completed prior to AY 2024-25.

Aston University (UKPRN 10007759): £4,886,059

Improving infrastructure for healthcare programmes at Aston University

The funding will provide vital support for a number of healthcare programmes in the College of Health and Life Sciences at Aston University. This will include new laboratories for pharmacy and audiology students, augmentation of optometry simulation facilities, and new college-wide hospital ward simulation facilities. The new facilities will include support for the university's new nursing programme – now recruiting for October 2023 – and provide additional facilities for medical and pharmacy students, including an immersive room.

Birkbeck College (UKPRN 10007760): £3,000,000

Creative inclusive learning: classrooms to support flexible learning and hybrid delivery

Whether part-time or full-time, studying for degrees or modules, our students face challenges in balancing work and family with study. Birkbeck College will introduce HyFlex delivery across the estate and programmes through an upgrade in space and technology. HyFlex is a student-centred model of class delivery that can integrate in-class instruction, online synchronous video, or asynchronous content delivery. All sessions will be accessible by all students, enhancing equality of opportunity, student experience and choice. Birkbeck College will also create a VRIL [virtual reality and immersive learning] lab to ensure that time-poor students with careers can access field studies and immersive experiences they could not otherwise engage with.

Blackburn College (UKPRN 10000747): £2,117,445

Higher Education Cyber and Healthcare Capital Project

Blackburn College's Higher Education Cyber and Healthcare Project focuses on subject areas of strategic importance – healthcare and computing (cyber security, networking and cloud computing). The state-of-the-art Cyber Suite includes networking and cluster laboratories, VR resources and independent networks (for cyber attacks and threat management) within an immersive environment, replicating Cyber Team roles. The Healthcare Teaching Ward includes programmable patient simulators to replicate real-world medical conditions within a safe training environment. Audio/visual equipment is used to record treatments for student, tutor, industry professional and peer review.

Blackpool and the Fylde College (UKPRN 10000754): £5,200,000

Hazardous materials lab, immersive studios and higher education ITS infrastructure

The funding will support:

- Development of a bespoke hazardous materials lab for science degree programmes (environmental sustainability, chemistry) within the existing University Centre. The Centre hosts various higher technical and professional education programmes (including computing digital technologies, and software and network engineering).
- Expanding the University Centre to include a digital immersive environment (utilising augmented/mixed reality).
- Updating IT infrastructure and equipment to reflect current industry requirements (for example: energy, engineering, healthcare) and continue to provide high-quality learning experiences for students, as part of an IT enhancement at the college's higher education campus.

Bloomsbury Institute Limited (UKPRN 10004061): £244,759

Digital Employability Hub

Linking to the launch of our newly designed practice-based degrees in June 2022, the project will fund the creation of a modern and inclusive high-tech learning and study space where students can access and learn to use high-quality and high-specification digital equipment and software, including devices for virtual reality applications, technical software tools and video production equipment. The Hub will enhance students' graduate employability and entrepreneurial skills to meet the needs of employers and industry, and also equip them for self-employment. It will also increase opportunities for the introduction of flexible provision, including the delivery of short courses.

Boston College (UKPRN 10000812): £511,364

Future Factories

The project will enable investment to develop a 'Future Factory' incorporating automation, robotics and virtual reality solutions to ensure students and employers have access to the latest resources within a bespoke, flexible learning space. The capital funds will be used to enhance engineering and digital facilities to incorporate automation and robotics, keeping pace with sector-informed resources for growth and innovation. The projects supported will include dedicated space within a brand new building to reflect pedagogical approaches in higher education, promoting hybrid and self-directed learning, peer-led study groups and enabling part-time, flexible study.

Bournemouth and Poole College, The (UKPRN 10000820): £1,118,000

Centre for Higher Education

The investment will be used to refurbish and upgrade the existing science, technology, engineering and manufacturing (STEM) building at the North Road Campus to create a specialist teaching, learning and assessment Centre for Higher Education. This centre will house specialist equipment in science, engineering, digital and technology subject areas to provide sector-leading facilities for higher education students, staff, and local employers. Most importantly, it will enable the college to significantly increase its contribution to filling the critical skills gaps in the local and regional economy and the ability of more people to have fruitful and fulfilling careers in the future.

Bradford College (UKPRN 10000840): £5,800,000

Bradford College Higher Education STEM Centre

The Bradford College Garden Mills project will create cutting-edge facilities for higher-level science, technology, engineering and manufacturing (STEM) teaching in one impressive five-storey building. Digital, science, and allied health professions will gain a flexible training environment to accommodate expected growth in the industry. Garden Mills incorporates two flexible science laboratories, a prep-room, six higher education digital IT labs, an ophthalmic

dispensing suite, clinical suite, a real-life work environment with consulting/testing booths, and a collaboration space alongside academic teaching spaces. The sustainable regeneration project will work with specialist employers to enhance the student experience, create aspirational graduate opportunities, and counter regional skills shortages.

Buckinghamshire New University (UKPRN 10000975): £5,800,000

A new Engineering School; technology enhanced allied health learning spaces; and industry standard, high specification computing

The project will create space for our new School of Engineering. By upgrading obsolete workshops to meet net zero commitments and investing in equipment to support the teaching of new engineering programmes, Buckinghamshire New University will support the closing of the local skills gap. The Health and Social Care hub and simulated practice facilities will create a technology enhanced environment optimised for delivering innovative teaching on allied health programmes and providing an excellent student experience. Investment in industry standard, high-specification computing will provide the processing power that animation and computing students need and support concurrent teaching for students on online pathways.

Burnley College (UKPRN 10001000): £5,800,000

Burnley College University Courses (BCUC) building extension

This project will see the extension of the BCUC building with three additional floors added to the current single level building. This will create a fantastic, dedicated space for higher education teaching, research, study and support with a focus on the science, health, engineering and digital industries. The development will include an employability and skills hub, bio-medical laboratory, observation laboratory, cyber security suite, robotics and automation workshop, library study area, and lecture theatre. This will create an outstanding facility to further enhance the achievement, experience and opportunities for students.

Central Film School London Ltd (UKPRN 10024024): £971,650

Training South London's future filmmakers, fulfilling the needs of the UK screen industries

Having moved to a new South London campus in September 2022, Central Film School (CFS) is undertaking an ambitious capital investment project to help local and international future filmmakers gain the skills and competencies needed by the thriving UK screen industries, now and in the future. Over the funding period CFS will be investing in developing and emergent technologies, including mo-cap, animation and virtual production. A sustainability lens will be applied to investment and production activity in order to embed environmental best practice in our graduates, whether they are studying on accelerated degrees, distance-learning programmes or higher education flexible and modular learning options.

Chichester College Group (UKPRN 10007817): £5,800,000

Higher Education Centre

Chichester College seeks to establish a new Higher Education Centre to enhance and grow the successful provision in construction, engineering and digital. The new centre will embrace state-of-the-art digital technologies to enable modern delivery methods as well as including cutting edge computer laboratories, green technology and higher construction skills laboratories. Collaborating and partnering alongside employers and employer bodies, the college will develop new offers to meet local and regional skills needs; particularly at Levels 4 and 5.

City College Norwich (UKPRN 10004772): £436,202

Flex-HE

In response to employer and student demand for more flexible modes of study, the funding will purchase immersive classroom technologies which will enable students to learn at a pace and time that suits them. The new IT infrastructure and equipment will provide an interactive and flexible learning experience for construction, engineering, health and allied health and agri-management students across our three campuses enabling students to learn simultaneously on and off campus.

City, University of London (UKPRN 10001478): £4,744,000

Technology and facilities to support future practice

The new technologies and facilities will enhance learning, teaching, and assessment on engineering, computing and healthcare programmes through the refurbishment, expansion and adaptation of existing premises, installation of specialist equipment, and investment in the IT infrastructure. The project will deliver a Technologies for Future Practice laboratory, for engineering and computing students, and a Clinical Skills Unit to support teaching and simulated practice provision across nursing, midwifery, radiography and radiotherapy. It will also support development in our IT infrastructure to enable the launch of a suite of online degree programmes and short courses in engineering, computer science and mathematics.

Colchester Institute (UKPRN 10001535): £149,134

Advancing and promoting engineering training in higher apprenticeships

This project focuses on improving University Centre Colchester’s resourcing of engineering, in order to provide access to high quality equipment for students working in key industries. The subject has seen a tangible expansion of our higher apprenticeship provision. Colchester Institute intends to support the increased regional employment demand for engineering by promoting access to introductory programmes and presentations for local sixth form students in collaboration with regional industry partners, in order to improve the visibility of higher apprenticeships in engineering as a route of choice into employment and higher education.

Coventry University (UKPRN 10001726): £5,522,511

High precision digital manufacturing and healthcare technology lab

This capital project will create a new high-precision digital manufacturing and healthcare technology lab to link education in the fields of engineering and applied health and application areas including automotive, aerospace and healthcare technology. The lab will specialise in additive manufacturing (3D metal printing) and associated technologies, giving greater design freedom, enabling flexible manufacturing, and the mass customisation of parts. It will support education in core engineering disciplines, mechanical, manufacturing, automotive, aerospace and motorsport and integrate with healthcare including prosthetics, orthotics and links to radiography, occupational therapy, and physiotherapy.

Croydon College (UKPRN 10001778): £405,428

Expansion of nursing facilities

The project will fund provision of equipment and additional teaching facilities for the new BSc Children's Nursing course and will provide equipment and resources for bariatric care for the BSc Adult Nursing course.

De Montfort University (UKPRN 10001883): £5,800,000

Digital Tech Learning Hub

The project will fund a new Digital Tech Learning Hub (DTLH) for around 1,300 students to gain digital qualifications and skills to enter graduate-level jobs, addressing the region's economic needs, and providing close classroom-to-business working for employability and economic revival. The project includes refurbishment and alteration of 4,500m^2 floor area, of which 3,500m^2 is new learning spaces forming the core of the DTLH. The spaces engage all learners using innovative, flexible and diverse pedagogic approaches and a seamless interplay between education and business. The technological investment includes a private Cloud, and a supervisory control and data acquisition (SCADA) network, as well as digital creative technologies equipment, such as LED display walls, motion tracking and image capture technologies, These enable the teaching of practical coding skills within a new digital environment for games development, multimedia computing, VFX and studio engineering courses grounded in current and developing technologies that bridge computing and creative technology skills.

Edge Hill University (UKPRN 10007823): £5,800,000

Life Sciences building

The Life Sciences project will provide state of the art teaching facilities to meet student and industry needs, with a focus on biosciences and biomedical teaching. The building will cater for students studying high tariff science, technology, engineering and manufacturing (STEM) subjects and will also be used to support student activities from within the university's medical school.

Grantham College (UKPRN 10002743): £1,080,252

Manufacturing and Hydraulics Engineering Innovation Centre

The project is to refurbish and equip a mechanical, manufacturing and hydraulics engineering workshop space to contemporary industry standard. It mirrors the college's strategic plan by expanding curriculum development in those areas most directly linked to employability. The funding will enable the college to outfit an Engineering Innovation Centre with cutting-edge mechanical, computer numerical control (CNC) manufacturing, maintenance, and hydraulics engineering equipment, and run a new suite of higher education short courses in high demand occupational areas. It gives the college the means to train and develop a more robust future workforce in areas where demand is greatest from employers, both currently and in projected skills gaps.

Hartpury University (UKPRN 10080811): £5,800,000

Technical Skills Centre

This grant will contribute towards constructing new modern teaching and learning facilities. These will support the predicted growth of students taking high-cost higher education courses, predominantly in veterinary provision, and the development of new Level 4 and 5 engineering provision and flexible provision. This investment will provide essential higher education laboratory and teaching spaces in a new building which will also support the delivery of new T Levels for our land-based further education students specialising in agricultural engineering.

Heart of Yorkshire Education Group (UKPRN 10007289): £1,335,850

Heart of Yorkshire higher technical qualifications development

The proposal is to purchase capital equipment and to refurbish and adapt premises and infrastructure to enhance teaching, learning and assessment and the student experience on a range of existing and new high-cost subjects of strategic importance in the localities which the Heart of Yorkshire Education Group serves. This will enhance graduate employability and address the skills needs of employers and industry, and therefore local and regional economies, by supporting growth in technical provision at Levels 4 and 5.

Hugh Baird College (UKPRN 10003193): £549,182

Hugh Baird University Centre capital developments 2022-23 to 2024-25

The project will initially be to realise an aspirational student zone, in which higher education students will receive a wide range of services, with a key focus on study support and graduate outcomes. Additionally, having identified a clear skills gap in terms of engineering in the locality, the second part of the project will be to purchase state-of-the-art industry standard engineering equipment, with graduate outcomes again being a key focus area. The third element of the project

will be to purchase civil engineering equipment, with future growth in that area of the curriculum being a primary focus.

ICMP Management Limited (UKPRN 10035638): £5,800,000

Campus development and ICT development to enable high-quality, industry-specific programmes that support the creative industries

The funding will enable the delivery of high-quality, industry-specific programmes which support the UK's creative industries by providing fully equipped teaching space, IT equipment, and learning resources, underpinned by robust IT systems which maximise the useability of the space and equipment. The programmes include technical education and meet the skills needs of the creative industries. ICMP's portfolio includes Level 4 certificates in technical subjects; short courses; and flexible learning opportunities. Planned developments include the development of an expanding digital business offer, which will enable learners across all elements of provision to engage with career skills relating to digital marketing, entrepreneurship, and other transferable skills critical for self-employment. ICMP's bid has four components, spread over the three years of available funding: Queen's Park project, Dyne Road project, campus expansion for growth and ICT development.

Imperial College of Science, Technology and Medicine (UKPRN 10003270): £5,800,000

Digital Learning Labs; Imperial-X; Public health education

1. Digital Learning Labs: the development of multipurpose, flat-floor teaching space allowing for flipped classroom teaching and new group working spaces with high-specification IT equipment facilitating interdisciplinary group learning.

2. Imperial-X: the fitting out of floors at the White City campus, providing teaching and meeting rooms which will allow postgraduate students to learn from and work alongside researchers specialising in machine learning, AI and data science.

3. Public health education: the development of multipurpose, flat-floor teaching space with high-specification IT equipment allowing for hybrid teaching for on-campus and online students. This will facilitate the development of new courses and growing student numbers.

Institute of Cancer Research: Royal Cancer Hospital (The) (UKPRN 10003324): £1,443,388

A Flexible Learning Suite at the Institute of Cancer Research

Leveraging lessons learned from the pandemic and making use of space freed up by new blended working practices, we are converting existing office space to provide our postgraduate students with an accessible, modern and immersive Flexible Learning Suite in central London. This capital funding will reconfigure and repurpose one floor of our administrative headquarters at 123 Old Brompton Road. This new Flexible Learning Suite will be within walking distance of the scientific

and clinical site in South Kensington and will co-locate teaching, research and clinical activities in a central London location.

King's College London (UKPRN 10003645): £5,800,000

Sustainable growth in natural, engineering and mathematical sciences

King's College London developed Vision 2029 in 2016 and set to deliver substantial and sustainable growth in natural, engineering and mathematical sciences with two new programmes in General Engineering and Natural Sciences forming the realisation of the central education core of this ambition. This project enables capital infrastructure for undergraduate programmes BSc/MSci Natural Sciences and BEng/MEng General Engineering to deliver a curriculum encompassing the breadth of the disciplines whilst enabling focused specialism. Programmes will produce highly employable STEM graduates with strong transferable lifelong skills given emphasis on interdisciplinary, lab-based practical and design work, project-based learning, teamwork, digital-skills and communication.

Lamda Limited (UKPRN 10003758): £1,934,746

Virtual production, motion capture, and future tech at LAMDA

The school will be able to procure future technology to address industry-wide skills gaps – virtual production and motion-capture technology for theatre, screen, audio and gaming. This significant investment into LAMDA's screen skills component future-proofs the learning environment for changing industry needs, ensuring actors emerge from training being 'set ready' in a range of technologies, and technicians enter the work arena with the right skills, knowledge and experience to meet future demand.

Leeds Beckett University (UKPRN 10003861): £5,800,000

The development of computing, electrical and electronic engineering teaching facilities at Leeds Beckett University

The conversion of existing teaching accommodation, together with the upgrading of equipment and facilities, will allow the university to develop 900sqm of modern new teaching laboratory space and facilities. This will support the teaching of high-cost computing and electrical and electronic engineering courses to over 800 undergraduate, postgraduate and degree apprenticeship students. It will bring together all the school's teaching facilities and staff into a single location, enabling greater cross-subject collaboration, support and synergy, as well as improving the efficiency of teaching and helping to reduce carbon emissions.

Leicester College (UKPRN 10003867): £5,395,187

Advanced Engineering and Aerospace – Leicester College

This OfS funding will support three distinct higher education capital projects at Leicester College:

1. Build and equip a new aeronautical/advanced engineering training facility to enable the delivery of Level 4 and 5 higher education (HE) technical and apprenticeship programme.
2. Establish an exclusive 'HE Hub' for students to use as a dual social/study space and create a greater sense of a higher education undergraduate culture.
3. Upgrade a range of higher education curriculum equipment across multiple campuses. This includes new computers, smart displays, VR and drone technology.

Lincoln College (UKPRN 10003928): £1,369,440

Air and Space Institute, Newark

The Air and Space Institute (ASI) in Newark has been designed to blend education with practical experience, in partnership with the civil and military aviation industry. The project responds to skills shortages in the aviation and space sectors which have struggled to attract, educate and retain the qualified individuals needed to meet projected growth in these sectors. This capital project will enable the new ASI building to be fully equipped with industry standard facilities and technology to deliver higher technical programmes at Levels 4 and 5 in engineering, computing, aviation, avionics and space technologies from September 2023 onwards.

Liverpool School of Tropical Medicine (UKPRN 10003958): £5,800,000

‘LSTM – Beyond 125’ estate project

Liverpool School of Tropical Medicine (LSTM)’s ‘Beyond 125’ estate project addresses the redevelopment of existing space to meet accessibility requirements, improve access to student advice, develop teaching and laboratory spaces, and expand industrial engagement opportunities. The project will:

- provide a focal point for welcome, arrival and advice at LSTM, providing a hub for global learning engagement
- create new opportunities for professional and industrial training and for expansion in academic programmes
- enhanced library facilities to engage and support active learning opportunities
- improve learning technologies and promote strong collaborative learning experiences
- blend social and learning spaces in a student-centred manner to help foster a stronger learning community.

London Metropolitan University (UKPRN 10004048): £5,800,000

Nursing

London Metropolitan University is establishing a new nursing subject division within its existing School of Human Sciences. This project involves:

- building refurbishment to create high flex sustainable learning space
- the use of virtual reality technology for simulated learning – such as immersive space, specialist diagnostic simulations systems and medical training manikins
- investment in the technical infrastructure to allow students learning at work and on placements to participate in synchronous learning and teaching through lecture capture hardware.

The project will realise benefits for regional health providers to respond to urgent health needs.

London South Bank University (UKPRN 10004078): £5,800,000

Investment in healthcare facilities across the London South Bank University campuses of Southwark and Havering

The investment will be used to expand, reconfigure and upgrade the facilities within the university's Institute of Health and Social Care at its Southwark and Havering campuses. This will enable healthcare students to gain the experience and proficiency needed to get them to progress, complete and then qualify, having met the professional regulatory and college requirements, supporting the government to achieve its target of 50,000 more nurses by 2025, and creating a sustainable supply of health and care professionals to meet future workforce needs.

Loughborough University (UKPRN 10004113): £5,800,000

DIGILabs – facilities to support future-fit science, technology, engineering and manufacturing (STEM) graduates

The university’s shared suite of DIGILabs will ensure that graduates are future-fit for the world of work in which digital skills, data analytics, virtual and augmented reality play a key part, and can reap the positive benefits of artificial intelligence and machine learning to support future technologies. Based in refurbished existing spaces, and complete with the highest quality technical equipment, the four DIGILabs (Extended Reality Learning, 3D data capture and visualisation, Robotics, Simulation, Modelling and Artificial Intelligence) will be supported by DIGIHubs, which will provide an integration space to support learning and proactively bring the DIGILabs to life.

LTE Group (UKPRN 10023139): £1,893,851

Delivering higher technical qualifications (HTQs) to support the Greater Manchester (GM) local industrial strategy

The capital expenditure identified in this bid will support LTE Group in developing provision to meet specific skills needs across health and construction, both priority sectors identified in the GM local industrial strategy. The funding requested will enable us to invest in the industry standard equipment that employers and employees already working in the health and construction sectors use and expect. This bid is being closely informed by relevant industry partners within our higher education Industry Advisory Boards, established to co-lead on curriculum developments with employers, ensuring LTE Group meets current and future skills needs through up-skilling or re-skilling local adults.

NCG (UKPRN 10004599): £5,800,000

Building future skills

Two specialist hubs in construction, engineering and energy and digital technologies will provide critical higher education technical skills needed by the future workforce. These hubs will deliver lab-based, high value, higher technical education provision that addresses areas of strategic regional importance, science, technology, engineering and manufacturing (STEM) shortages, meets net zero targets and enhances the employability of graduates. This work is core to NCG's mission to deliver exceptional education, creating life-changing opportunities for individuals that strengthen the prosperity of local communities, enhancing social mobility and economic prosperity through exceptional education.

Nelson and Colne College (UKPRN 10004552): £1,105,000

STEM excellence project

This project will provide state-of-the-art resources to support full-time, part-time and flexible delivery of a range of Level 4, 5 and 6 programmes, and higher and degree apprenticeships, in engineering, sustainable technologies, computing and biomedical sciences. Alongside other related projects, it will help create:

- a new Digital Hub, teaching space and physical resources for the University Centre at the Nelson Campus

plus, in the University Centre at the Accrington Campus:

- a new Sustainability Laboratory
- a new Engineering Laboratory
- an updated Science Laboratory
- refurbished communal spaces.

New Model Institute for Technology and Engineering (NMITE) (UKPRN 10067406): £238,000

Centre for Advanced Timber Technology (CATT) – fit out and IT installation

NMITE's brand new Skylon Campus is home to the Centre for Advanced Timber Technology (CATT). The fit-out project will enhance and facilitate the learning experience of NMITE's new timber engineering programmes. The building includes five flexible learning studios of around 100m^2, event and breakout spaces and two large 700m^2 workshops. The capital funding will enable NMITE to create technology-rich learning spaces that are adaptable and can respond to student needs. The furniture will be selected and configured to facilitate different types of learning delivery and will work in tandem with IT and audio-visual capabilities.

Norwich University of the Arts (UKPRN 10004775): £1,587,117

Creative computational technology

This project supports the continuing development in creative computational technology, in direct response to skills deficits in the tech sectors the university works with, and the need for our regional workforce to upskill post-pandemic. The project will enable the university to further build the community of graduates with advanced tech skills in the regional workforce, and respond in an industry-relevant, agile way to the need to upskill and reskill mid-career learners, accelerating the transition to a knowledge-based economy. The project will allow Norwich University of the Arts to expand a virtual desktop facility and create a new creative technology laboratory and virtual production studio.

Nottingham College (UKPRN 10004577): £785,423

The Engineering Automation and Innovation Centre

The Nottingham Engineering Automation and Innovation Centre will drive an expansion and modernisation of the city's engineering and manufacturing skills offer, address identified local gaps in provision and increase participation at Levels 4 and 5. It will deliver enhanced employability skills through the provision of highly labour-market responsive training mapped to current and emerging technologies and equip learners with the knowledge and skills to thrive in the fourth industrial revolution.

Nottingham Trent University (UKPRN 10004797): £5,800,000

Improvements to Nottingham Trent University science teaching facilities

The funding will help enable the university's ambitious growth plans for its science portfolio, to support rising student and industry demand. The capital projects will support the creation of high quality facilities, which include specialised modern industry-relevant equipment, to ensure students gain the skills they need to meet the current and future requirements of employers.

Queen Mary University of London (UKPRN 10007775): £5,800,000

Informatics Teaching Laboratory – two-storey extension

This project will deliver a two-storey extension to the Informatics Teaching Laboratory, Queen Mary's principal building for computer science education. The extension will create new teaching spaces, as part of a larger project to refurbish the existing building.

Ravensbourne University London (UKPRN 10005389): £825,000

Centre for Excellence in Emerging Technologies (CEET)

Ravensbourne University London will establish an innovative Centre of Excellence in Emerging Technologies (CEET) as a core feature of its landmark building. This will comprise two main labs, XRLab and SmartLab, which will use the latest technology and know-how and radically improve its computer science, cyber security, artificial intelligence, engineering and broadcast solutions courses. The CEET will house specialist lab-based equipment including high-end graphics capable workstations, laptops and augmented and virtual reality solutions essential to robustly support next generation technology subjects. This will empower students with industry-ready specialist skills to boost their employability.

Roehampton University (UKPRN 10007776): £5,800,000

Sustainable Engineering and Technology Education Centre (SETEC)

The University of Roehampton will develop a new facility, the Sustainable Engineering and Technology Education Centre (SETEC), to deliver the skills required by the built environment industries to support the transition to net zero. The SETEC will act as the hub for the delivery of a suite of high-cost programmes of strategic importance in engineering and the built environment, and will provide the most extensive and focused green skills higher education offer in our region. The focus on sustainability will address the green skills gap, including national and sub-regional priorities in sustainable design, engineering, construction, and climate adaptation.

RTC Education Ltd (UKPRN 10008455): £1,900,000

TEDLab (Transformative Educational Digital Laboratory)

Funding will support the refurbishment of facilities and creation of a Transformative Educational Digital Laboratory ‘TEDLab’ for engineering and computing students. This will support students by:

- raising the quality of learning and teaching facilities across high-cost subjects
- improving student experience
- embedding practical, transferable VR and AR application and programming
- developing employability skills through enterprise scale visualisations.

TEDLab will also provide opportunities for:

- employer specified credit bearing/work-based VR/AR projects including placements as part of an up-to-date curriculum
- preparation for the Lifelong Loan Entitlement (LLE) scheme through micro-credited short courses
- use as a demonstrator for regionally based employers to explore VR/AR opportunities.

Salford City College (UKPRN 10005032): £233,000

Workplace Environments Project

Salford City College Group's University Centre 'Workplace Environments Project' will facilitate growth of higher technical provision. It will provide flexible skills delivery across growth sectors, namely: construction; digital; creative industries; health care; and specialist programmes in STEM, including animal management. The project includes the reconfiguration of traditional classrooms to create collaborative, productive spaces, equipped to meet industry standards and expectations. The creation of laboratory grade experiences will provide students with working methodologies and practical skills that are valued by local industry and will offer employers a talent pool of individuals ready to meet skills shortages.

Solent University, Southampton (UKPRN 10006022): £4,339,500

Solent University practice-based learning facilities

Solent University's 'Ready for the future' strategy aims to ensure that all our learners are work-ready, world-ready and future-ready. Working with employer partners, the university will carry out five projects, each addressing real issues in education, employment and local, social and economic prosperity. By investing in specialist facilities and equipment, the university will provide a real-world learning experience that meets industry standards and enhances students' experiences. The new and existing courses supported by this investment will address growing demand for highly skilled individuals ready for nursing, biomedical science, digital technology, maritime and engineering careers, and the challenges and opportunities of the future.

Solihull College and University Centre (UKPRN 10005946): £201,600

Lecture recording technology

The capital funds will support the needs of engineering, computing, and construction higher education students The acquisition of new IT equipment will be used for learning and teaching to enhance participation and entry to Levels 4 and 5 qualifications. The IT equipment will facilitate the delivery of recorded lessons designed to enhance the learning experience of learners as well as to provide further engagement of apprentices in subjects of strategic importance. This approach relieves the pressures of note taking, helps students prepare for their exams and assessments, and provides clear demonstrations visible to all learners to support their replication for practical assessment.

South & City College Birmingham (UKPRN 10005967): £2,039,000

Hydrogen fuel automotive and engineering projects

The funding will be invested in infrastructure for hydrogen fuel technology to meet the development needs of the engineering and automotive sectors. New work spaces for large vehicles, HGVs and buses will be installed to train the workforce in the design and maintenance of hydrogen-fuelled vehicles and clean energy solutions.

Significant investment in upgrading the college's 600 capacity live music venue and studios situated in the heart of the creative quarter in Birmingham is planned. This will enhance live work experience for the students, developing industry standard skills and work ready graduates to meet the needs of the modern music industry.

South Devon College (UKPRN 10005977): £954,510

South Devon College Technology Advancement Centre

The Technology Advancement Centre will provide a hub equipped with a broad range of equipment supporting research and development in engineering, computing and communications applications. The building will be centred around a cutting-edge Princess R35 motor yacht, donated by a partner employer, as a learning and research test bed. This centre will be supported by a suite of complementary investments in studio spaces, to support ongoing development of the college's flexible learning delivery and our Game and Interactive Design programme, an immersive learning environment supporting our health provision, and a sports science laboratory.

Sparsholt College (UKPRN 10006050): £3,950,000

University Centre Sparsholt Higher Education Centre (focusing on green skills)

The new facility will provide higher education students with a modern and fit for purpose learning environment built upon sustainable values; incorporating green technologies and improving environmental protection, both integral components of the courses the college will deliver from this building. This new addition to the college's campus will continue to extend the specialist facilities already on offer which showcase how green technology and sustainable working methods can be successfully integrated into training and the workplace, ensuring graduates are fully prepared for the ever-changing global employment landscape.

St Mary's University, Twickenham (UKPRN 10007843): £1,766,144

Computer Science launch

St Mary's University plans to launch programmes in computer science, with first student intakes, at both Levels 4 and 7, planned for September 2023. As part of its Vision 2030 strategy, the university has committed to expanding provision of key STEM higher education programmes and this project follows the successful expansion of physiotherapy within allied health. New courses

have been designed to ensure forefront learning, applied experience and the achievement of industry-relevant key qualification outcomes covering data, IT service management, security, cloud service providers and IT financial operations, while ensuring all validation and accreditation standards are met.

St. George's Hospital Medical School (UKPRN 10007782): £5,800,000

Education transformation project

The project will refurbish, enlarge and enhance St. George's Hospital Medical School facilities for hands-on laboratory and skills-based learning, including simulation labs and practice rooms. It will transform the school's campus to strengthen the flexible, digitally-enhanced learning offer through enhanced teaching, learning and study spaces for digital learning.

Strode College (UKPRN 10006378): £999,903

Strode Creative and Immersive Learning Labs ('SCILL')

The SCILL project places learners at the centre of a full-sensory, simulated learning environment, using multi-media, digital and IT technologies to create virtual, simulated and augmented learning experiences. This will engage learners through using the latest creative and emerging technologies, as well as developing and facilitating the use of artificial intelligence. The project will enable opportunities for all students to encounter at first hand the experience of exploring archaeological digs, crime scenes and other environments which can be brought to life through the use of this technology.

TEC Partnership (UKPRN 10007938): £2,000,000

Development of purpose-built animal care teaching facility

This project will develop a purpose-built animal care teaching facility at TEC Partnership's Grimsby Institute of Further & Higher Educations Nuns Corner campus. It will enable new higher education programmes in animal care related subjects in the North Lincolnshire local area.

The Oldham College (UKPRN 10006770): £461,200

Development of higher education and technical courses at Level 4 and above

The Oldham College will be purchasing eligible specialist equipment and undertaking a project in The Studio to install LED lighting. The equipment will support existing and planned higher education and technical courses at Level 4, in digital and creative; health and social care and construction curriculum areas, which are growth sectors in Greater Manchester and evidenced as in high demand by employers. The project will enable sustainability gains, including a significant reduction in energy costs achieved by the inclusion of The Studio LED replacement lighting project, and learning being supported by the purchase of Grade A energy efficient equipment, wherever possible.

The Open University (UKPRN 10007773): £5,800,000

Open XR Studios

Open XR Studios at The Open University is re-imagining accessible, practical skills development for students by bringing the training context to the learner. Open XR Studios will utilise and advance the latest extended-reality, remote-access technologies to transform the learning, teaching and assessment of practice-based skills at scale. It will accelerate growth in the use of immersive technologies across The Open University's degree, apprenticeship, and higher technical qualifications in nursing, healthcare, science, and engineering. The Studios will enable students to access interactive authentic and simulated contexts for learning, including physical equipment, through the internet wherever they are located.

The Royal Agricultural University (UKPRN 10005545): £5,800,000

Land Laboratories

The Land Labs will provide an integrated, state-of-art facility to train the next generation of graduates in climate-smart, resilient agriculture and land management. They will house the latest equipment and technologies across a combined wet lab and IT-enabled learning environment, covering a broad range of disciplines and skills. The Land Labs will help to ensure that the Royal Agricultural University plays a crucial role in tackling global challenges like climate change, biodiversity and food security and that the university is able to engage a growing and diverse range of students and practitioners in that mission.

The Trafford College Group (UKPRN 10005998): £1,753,130

Higher skills for employment

The project will support development of the college's priority curriculum areas (including STEM), deliver our higher technical qualifications offer and respond to local skills shortages through enhancement of flexible higher education programmes. The funding will purchase specialist equipment to support learning, teaching and assessment of new specifications, alongside an infrastructure overhaul to ensure that specialist equipment can be used to maximum effect and stand up to anticipated demand. Developing learning spaces that mirror employer environments will see learners ready to enter the workplace with skills needed by employers, ultimately supporting learners to achieve their ambitions.

The University of East Anglia (UKPRN 10007789): £4,816,000

Anatomy facility expansion and improvement project

Understanding human structure (the study of anatomy) is a critical part of the training of a wide range of health care professionals. This bid relates to the development, expansion and improvement of the anatomy facility and immersive training at the University of East Anglia. The project will support critically needed regional growth in science, health education and clinical skills,

new techniques and approaches to teaching, and the development of new short courses, seminars and training to support specific groups within the regional scientific and healthcare workforce with our local employers and NHS partner.

The University of Huddersfield (UKPRN 10007148): £5,800,000

The National Health Innovation Campus, Southgate, Huddersfield

The National Health Innovation Campus is a transformative project for health outcomes for the north of England, delivering step-changes in: workforce development; health, well-being and inclusion outcomes; partnership working; and regeneration. The funding contributes to the first building on campus, opening in autumn 2024 in a strategic site by Huddersfield station at the heart of the Northern Powerhouse. The new building will bring together public-facing facilities (including award-winning student-led clinics) and be a focus for entrepreneurial academic activity, serving the regional and wider health economy in strong partnerships. Specialist clinical teaching facilities will provide unparalleled support for workforce development.

The University of Lancaster (UKPRN 10007768): £3,893,385

Data Cyber Quarter (DCQ) Labs

The University of Lancaster's project is an innovative education and training facility for the next generation of cyber security specialists, focusing specifically on the high-cost subjects of strategic importance that underpin cyber security. The facility will be core to Lancaster's new flagship Data Cyber Quarter and will consist of four brand new labs created by repurposing existing office space; four refurbished labs; and a semi-immersive decision theatre. This investment will build one of the largest educational facilities of this type in the country and will support education offerings including existing vibrant courses and professional training and re-skilling.

The University of Manchester (UKPRN 10007798): £5,710,000

Ferguson Teaching Labs upgrade

The university envisages expanding the teaching laboratory estate used for the delivery of programmes across biological sciences, medicine, pharmacy and dentistry. This will also enable the consolidation and future-proofing of existing teaching laboratories to improve the capacity, quality and efficiency of laboratory-based teaching. This would entail the development of 745m^2 of space adjacent to the existing teaching laboratory footprint into a flexible, open plan lab space enabling the accommodation of a further 180 students per session.

The University of Reading (UKPRN 10007802): £2,630,000

Clinical Training and Education Suite

This project will create an innovative, purpose-built Clinical Training and Education Suite at the Whiteknights Campus. This new bespoke facility will enable students, medical scientists, and

healthcare partners to practise and learn in a variety of clinical scenarios, thus better preparing them for their placements and their future practice. This new suite will facilitate the delivery of an excellent student experience and enable students to practise patient interactions with people and use simulation equipment in a 'real-life' setting.

The University of Warwick (UKPRN 10007163): £5,800,000

STEM Grand Challenge

STEM Grand Challenge is a 10-year transformative programme, including a major capital development to create a new Warwick Science Precinct. The programme incorporates the whole Faculty of Science, Engineering and Medicine and will transform how the university delivers science and engineering education. The funding is supporting four STEM Grand Challenge developments:

1. STEM Super Labs to provide students with hands-on, accessible learning
2. Warwick Anatomy Suite – in-house clinical skills and clinical anatomy teaching laboratories and facilities
3. Biotechnology laboratories – a bespoke electrophysiology lab and preparation area for our neuroscience degree
4. Detailed design of the Warwick Science Precinct.

The University of West London (UKPRN 10006566): £1,373,437

Investing in STEM and allied health provision

The university is investing to increase and enhance provision in STEM and health-related subjects. The investment will provide three new PC laboratories with a total capacity of 100 seats, equipped to support delivery in specialist, cutting-edge areas in high demand by local and national employers, such as cyber security, bioinformatics, robotics, AI and data science. Additionally, the university will invest in a new biomedical laboratory to support the increasing demand in this critically important subject area, increasing its ability to grow and disseminate knowledge of diseases and how to treat them. Finally, a new state-of-the-art simulation centre for nursing training and practice in Oxford will support the much needed increased delivery in nursing and health-related courses in the area.

The University of Westminster (UKPRN 10007165): £5,800,000

29 Marylebone Road

The University of Westminster is planning to build new training suites for apprentices and its short course learners: incubation space, a digital skills training centre, collaborative working space and studio space within a 10-storey building at 29 Marylebone. Opening in spring 2024, the centre will substantially enhance the student experience, graduate employability outcomes and business

engagement. The centre will bring together employability and enterprise support for students, alumni and businesses in a central London site, and will create new practical opportunities for learning and engagement with employers within and outside the curriculum to support high-quality, skills-based education.

Truro and Penwith College (UKPRN 10007063): £3,683,243

University Centre Truro and Penwith – higher education development project

Truro and Penwith College's programme of capital expenditure activities will enhance facilities and access for higher education students to specialist and industry-relevant provision in economic priority subject areas across three project strands:

- The acquisition of specialist engineering digital and clinical skills equipment for the Ottery STEM and Health Skills Centre in North Cornwall
- The expansion of the University Centre Fal building on the Truro Campus to develop a lecture theatre and additional teaching facilities to manage the ongoing expansion of nursing and allied health students
- A removable teaching dig for archaeology students.

University of Bolton (UKPRN 10006841): £3,728,790

Innovation and Well Being Zone

A high impact Innovation and Well Being Zone for students on health, digital, engineering and design programmes will be created through a project co-financed by the University of Bolton and the OfS. The Zone will be designed and equipped to the highest standards, ensuring that students are appropriately prepared for highly skilled roles in these fields. The Zone will enable contact between students and university/industry staff, helping them to undertake live project briefs, hybrid work placements and knowledge exchange activities. The space will provide a state-of-the-art digital laboratory and include an incubation space for enterprise activities.

University of Brighton (UKPRN 10000886): £5,800,000

Consolidation and enhancement of facilities for health subject areas

The project will achieve the strategic consolidation of health subject areas on the Falmer campus in Brighton. Health courses are currently split across two geographically distant campuses. The funding will be applied to the refurbishment of space within existing buildings to provide enhanced and contemporary facilities for health courses (including nursing, midwifery and allied health professions). This will improve the learning experience for students and create opportunities for multi-disciplinary education and training across the health professions.

University of Bristol (UKPRN 10007786): £5,800,000

New Dental School, and expansion/upgrading of teaching facilities in Veterinary School, engineering and STEM

The bid will fund four projects:

1. Delivery of new Dental School: Costs of defined new specialist dental equipment used for teaching, learning and/or assessment; delivery of new 119 dental chair clinical training facility; associated teaching laboratory, tutorial and lecture spaces. This will provide access for clinical undergraduates and postgraduates to the latest clinical equipment and technologies to ensure high-quality clinical training.

2. Expansion of teaching facilities to support Veterinary School growth: Delivery of improved teaching facilities to facilitate the expansion of the School.

3. Expansion of teaching facilities to support growth in engineering: Repurposing of existing defunct space to create new group working and teaching space for engineering students.

4. STEM teaching facilities: Upgrading and refurbishing existing teaching facilities used to teach students on high-cost subjects of strategic importance.

University of Cambridge (UKPRN 10007788): £3,797,000

New and refurbished facilities for physics

The funding will support two projects to upgrade and fit out teaching and learning spaces for physics at Cambridge. It will make a material contribution to the costs of teaching laboratories and other education space in the new Ray Dolby Centre, and to the improvement of an existing lecture theatre and preparation room that is vital to the delivery of undergraduate teaching. Together these projects will deliver excellent facilities for the teaching and study of undergraduate and postgraduate physics. Around 800 undergraduate and 200 taught postgraduate students will benefit from this investment each year by 2027-28.

University of Central Lancashire (UKPRN 10007141): £5,800,000

Veterinary medicine, dentistry, nursing and midwifery: development and enhancement

This bid focuses on support in three key areas:

1. Teaching and learning equipment for the university's new School of Veterinary Medicine, which welcomed its first students in September 2022.

2. Within the university's School of Dentistry, expansion of the current dental clinic teaching facility from eight dental teaching bays to 16.

3. Enhancement and expansion of the teaching and learning environments – teaching and learning equipment and facilities, including simulation, for nursing and midwifery provision within the university's Faculty of Health and Care.

University of Chester (UKPRN 10007848): £5,800,000

Laboratories and flexible learning environment

Laboratories for use by all laboratory-based subjects, purchase of equipment to enhance the teaching and learning of high-cost subjects, including Computer Science and specific Medical/ Biomedical Science disciplines, creation of a new Engineering Design Suite to enable interdisciplinary teaching and learning for Engineering, Physical Sciences and associated disciplines.

Enhancement of IT facilities to innovate flexible learning options and support environmental sustainability including adaptation of 900 sqm of existing library space at the Exton Park site in Chester, to generate a truly flexible learning environment.

University of Derby (UKPRN 10007851): £5,800,000

Biomedical Science Super Lab

The new Biomedical Science Super Lab will create an interdisciplinary teaching and research ecosystem focusing on core elements of Biomedical Science such as haematology immunology, histopathology, molecular biology, genetics and cell/tissue culture. The Lab's learning, teaching and research interface space will be flexible, interdisciplinary and interactive thereby advancing collaborative learning in one location. As a result, the Lab will have a simultaneous catalytic impact on innovation and research in Biomedical Science, which is one of the University's six key research themes, as well as enable an increase in the students' applied practical skills to drive-up competency and graduate employability.

University of Durham (UKPRN 10007143): £5,800,000

Building Refurbishment and Equipment Replacement / Procurement

The bid proposal consists of a mixture of building refurbishment and equipment replacement, including, in some instances, new procurement. There are in total 9 building projects and 27 proposed equipment renewals or procurements. Building works include refurbishment of teaching laboratories and construction of new space. The main component of equipment renewals relates to the renewal of outdated scientific teaching equipment to new, modern equipment.

University of East London (UKPRN 10007144): £5,800,000

Expansion of the University of East London Hospital and Primary Care Training Hub

The project will deliver a major expansion of the University's Hospital and Primary Care Training Hub, building on a first phase supported by 2021/21 OfS capital funding. The expansion will:

1. create more inter-professional primary and social care digitally-enabled learning spaces that leverage investment in the first phase
2. establish an advanced digital focal point for health and science, expanding technology provision through the Centre for Active Live Learning in computing and engineering
3. bring multidisciplinary education opportunities for health, science, computing and engineering learners to work on access to primary care digital-first services whilst providing greater environment sustainability for future healthcare estates.

University of Gloucestershire (UKPRN 10007145): £5,800,000

School of Computing and Engineering Building Facilities

The University of Gloucestershire is seeking to make a step-change improvement in facilities for the School of Computing and Engineering which will allow continuing growth, and further strengthening the delivery of STEM education and professional and employability skills. This project will enhance the university's offer of Engineering and Game Technologies, Cyber and Technical Computing, and Advanced Emerging Technologies. The building works are part of the University's capital programme and involve the demolition of a building which is no longer fit for purpose and construction of a new, purpose built, teaching and learning space, complete with specialist teaching and learning labs.

University of Hertfordshire (UKPRN 10007147): £5,800,000

School of Physics, Engineering and Computer Science (SPECS) building

Funding will be utilised to support a larger project for a new, state-of-the-art School of Physics, Engineering and Computer Science (SPECS) building. The new SPECS building will enable the university to deliver on a long-term commitment to STEM skills, innovation and research development. This building will provide a home for physics, engineering and computer science and will offer cutting edge laboratory space and facilities that STEM teaching and innovation require. The SPECS building will be a vital tool in continuing to deliver skills and experience to business, communities and providing world-changing research and graduates.

University of Keele (UKPRN 10007767): £3,561,055

To support substantial growth in healthcare subjects and laboratory-based science

The funding will support the very substantial increase in student numbers, and enable further growth, across all healthcare subjects and in laboratory-based science, including several new areas of provision, including apprenticeships. The project will adapt and refurbish existing space, including the development of immersive simulation, diagnostic imaging, exercise physiology and paramedic facilities, and equipment, across healthcare programmes, and support new/recently developed areas of healthcare provision, including apprenticeships. Adaptation of existing space and equipment will support continued strong growth in laboratory-based science and veterinary medicine, improving student experience and increasing laboratory turnaround and flexibility in the use of existing laboratory space.

University of Newcastle upon Tyne (UKPRN 10007799): £5,520,933

Capital investment to deliver strategic growth in Engineering and the School of Dental Sciences

Directed towards the acquisition of equipment for high-cost subjects of strategic importance, this investment (in School of Dental Sciences (SDS) and Engineering) will enhance the quality of the learning experience by supporting high-quality, skills-based education and providing students with modern digitally-enabled facilities that are representative of the environments in which they will work after graduation. The funding will provide:

- four teaching laboratories in mechanical engineering as well as a student ‘Makerspace’
- two clinical skills training suites in SDS, comprising: a dental simulator; a Computer Aided Design – Computer Aided Manufacture equipped dental laboratory and a demonstration dental surgery.

University of Northumbria at Newcastle (UKPRN 10001282): £5,800,000

Creation of the Centre for Health and Social Equity, incorporating a new clinical skills centre

The funding will support the creation of Northumbria’s Centre for Health and Social Equity (CHASE), accommodating 4,000 health and social care students and 350 staff. CHASE will incorporate a specialist Clinical Skills Centre for nursing, midwifery and allied health students, including clinical skills laboratories, simulation wards, home environment rooms, and a number of specialist areas such as maternity, PICU simulation, operating theatre, anaesthetic and recovery rooms. The development will bring teaching and research together in one location, reinforcing the importance of a research-informed pedagogy.

University of Oxford (UKPRN 10007774): £5,800,000

Institute of Global Health

The Institute of Global Health will bring together world-leading teaching and research activity to create a powerhouse of global health in Oxford, facilitating interactions across disciplinary and departmental boundaries. A physical home for Global Health and coordination of leadership in this area will draw different disciplines together, and embed education and training firmly alongside research, expanding student numbers while delivering high-quality, innovative education, and enhancing the student experience.

University of Plymouth (UKPRN 10007801): £5,800,000

New Design and Engineering Facility

This project is part of the wider £65 million new Engineering and Design Facility project that will create a new home for engineering and design by refurbishing, extending and equipping a 10,300sqm building in the heart of the university's campus. The landmark investment will transform the teaching capacity and capability, ensuring the long-term sustainability of STEM teaching and learning at the university. Modernised and updated teaching and laboratory facilities will enable engineering students to develop the skills and knowledge required for the fourth and fifth industrial revolution.

University of Portsmouth (UKPRN 10007155): £5,800,000

Engineering the future

This investment in ‘Engineering the future’ will support the transformation and expansion of the university’s engineering and related physics provision through creation of a Future Systems Engineering facility (FUSE). Investment in new laboratories will support curriculum redesign, pedagogic innovation and substantial student growth, responding to national and regional skills needs. FUSE will comprise four integrated elements, to provide high-quality real and simulated learning environments including a mock ‘clean room’ for space engineering. Elements include:

- space engineering laboratory
- renewable energy and power laboratory
- robotics and automation laboratory
- design and co-creation launchpad for active collaborative learning.

University of Salford, The (UKPRN 10007156): £5,800,000

Health clinics

The proposed project is for new build health clinics within an emerging health quarter. Housed within one building, these will provide a clinical facility to NHS standard that will support the local

community to access healthcare and allow students to gain the clinical skills they require to work in the NHS. The space will support multidisciplinary clinics to address lifetime conditions like diabetes through dietary management, vascular assessment of feet and legs and exercise management.

University of St Mark & St John (Plymouth Marjon) (UKPRN 10037449): £5,800,000

Wellbeing Innovation Centre

The funding will support the creation of specialist learning facilities including clinical skills, diagnostic and simulation laboratories, and an outpatient and community wellbeing hub. The specialist facilities enable growth of healthcare science, nursing, and allied health professions programmes that respond to regional employer needs. The university's student and apprentice programmes will be flexible, and technology enhanced to account for place-based challenges, and will include 'step-on step-off' progression opportunities. The specialist facilities will be centralised into a new Wellbeing Innovation Centre, ensuring students and apprentices secure strong graduate outcomes and are prepared to enter the workforce to deliver high-quality, patient-centred care.

University of Sussex (UKPRN 10007806): £5,020,000

Bioscience laboratory transformation project

This project will create infrastructure to deliver world-class bioscience laboratory practical work that is fully integrated with digital skills, computational work and data analysis. It will expand and overhaul two key teaching laboratories at the University of Sussex, transforming its practical delivery in the biosciences by creating flexible, multifunctional spaces. Students will learn cutting-edge research techniques and content, gather data and analyse this on site or remotely. The new facilities will support flexible learning patterns, to fully prepare students from a diverse range of backgrounds for the world of work.

University of the West of England, Bristol (UKPRN 10007164): £5,800,000

Healthcare skills and sustainable workforce pipeline

The University of the West of England, Bristol (UWE) is creating an Immersive Future Skills Lab to enhance the quality of facilities to support high-quality, flexible, practice-led, skills-based learning for students and the region. This project will convert a vacant building into teaching and learning spaces to provide an accessible-for-all learning environment that includes physical and digitally immersive learning spaces and a range of digitally enhanced simulators and supporting software/hardware. This is part of UWE's ambitious vision to build a centre of excellence in healthcare education and innovation in the south west.

University of Winchester (UKPRN 10003614): £5,800,000

Refurbishment of the Martial Rose Resource Centre

This project will see a complete overhaul of the existing Martial Rose Library building at the heart of the campus, enabling the university to provide an inspirational, state-of-the art learning and collaboration environment for students and staff. It will support the growth of courses in strategically important subjects such as health and wellbeing, a priority for the university and the NHS regionally. The new building will enable academic staff to reimagine learning, adopting new methodologies and preparing students for the workplace. Students will have access to high-quality and dedicated spaces to discover, collaborate, enrich and create knowledge.

University of Wolverhampton (UKPRN 10007166): £5,800,000

Skills-based teaching facilities for active lifestyles, sport and physical activity

The University of Wolverhampton will refurbish existing spaces to create a suite of modern, multidisciplinary skills-based facilities for the preparation for, and return to, active lifestyles, sport and activity. The focus will be on three core elements:

- injury assessment, prevention and diagnosis
- rehabilitation
- strength and conditioning.

The spaces will be designed to facilitate inter-professional education, which is essential for allied health and sport and physical activity practitioners who work together in a clinical environment. The refurbishments will offer exceptional facilities for students and enable the university to better address the skills needs of our student population.

University of Worcester (UKPRN 10007139): £5,800,000

Severn Campus for Health, Wellbeing and Inclusive Sport

The award is funding the next stage of the health and wellbeing hub at the university's new Severn Campus for Health and Wellbeing. A coherent hub of inter-professional training facilities for the university's growing health provision will be created by:

- the construction of a new specialist teaching building
- the repurposing of a former Arts provision
- a well advanced refurbishment of a former newspaper print facility.

The grant will also finance the purchase of specialist equipment and supporting software to ensure students are trained in the latest technologies advancements in science and health.

Weston College of Further and Higher Education (UKPRN 10007459): £5,800,000

West of England Manufacturing Technologies Skills Centre for Excellence (MTSC)

In collaboration with employer and higher education partners, the college aims to create the West of England Manufacturing Technologies Skills Centre for Excellence. This will be a world-class facility, based in the heartland of Bristol's engineering cluster, designed to deliver the agile and high-quality, skills-based education and training required by our key aerospace and advanced engineering employers as they respond to the ultra-efficient/net zero aviation challenge and continue to attract and retain highly-skilled talent to remain internationally competitive.

Wigan and Leigh College (UKPRN 10007500): £1,014,059

Upgrading of Learning Resources Centre facilities and virtual reality equipment

1. Project 1 supports the refurbishment and updating of the current Learning Resources Centre facilities at the Pagefield Engineering and Construction site.

2. Project 2 will provide new virtual reality immersive technology equipment at the Centre for Advanced Technical Studies to enable students to step into a huge VR headset and share the experiences – this will enable collaborative teamwork and training, as well as simulated experiences across a number of curriculum areas.

Writtle University College (UKPRN 10007657): £5,800,000

Phase 1 of the Lordship Animal Health Centre

This capital grant will fund phase 1 of the Writtle University College Lordship Animal Health Centre, which concentrates higher education animal health provision (with the exception of a farm and equine unit, which are located nearby) in one area and delivers improved science facilities and public-facing clinic space. The funding will be spent refurbishing 2,456 square metres of existing space to deliver expanded, upgraded and more sustainably designed laboratories, along with specialist, industry-standard facilities for canine, animal therapy and veterinary physiotherapy and nursing courses.

Yeovil College (UKPRN 10007696): £1,207,000

Cell technology in engineering

The primary focus of this project is to meet the skills needs of local employers and industry in the Aeronautical and Advanced Engineering (AAE) sector, recognising the vital role that AAE plays to our local and regional economies. This will be achieved through investment in facilities and equipment for the teaching of cell technology, to ensure undergraduate engineering students can learn and retrain at the forefront of developments in cell technology and net zero. This project will

include the purchase of bespoke cell technology test rig equipment. and building alteration works to create lab classroom spaces.

York St John University (UKPRN 10007713): £5,800,000

Health and science enhancement programme

The funding will part-finance three projects for delivery by 2024-25:

1. The creation of specialist allied health facilities to allow the university to grow and broaden its provision and meet local, regional and national needs.
2. The establishment of a new Advanced Computer and Data Science Hub. This will enhance existing facilities and enable new undergraduate and postgraduate provision.
3. Investment in high powered computing, including the creation of a new dual platform computing laboratory and supporting digital infrastructure.