Workstream 4.3: Establishment of Digital Campus Support for TLR

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This workstream focuses on development and deployment of dashboard capability for learners which would enable them to self-monitor progress thereby empowering them to take control of their own learning. Part of this entails students assembling examples of their work in an e-Portfolio to reflect their strengths across the programme duration, enabling them to demonstrate how they meet competencies claimed. The e-Portfolio will be externally linkable to enable learners to share the record for purposes of job application of for further education, scholarship application etc. Objectives are to: (1) Develop learner TLR dashboard to track progress through programmes of registration (2) Plan/schedule TL events with appropriate access provisions to enable cross-disciplinary participation; (3) Identify e-Portfolio standard for TLR management; (4) Offer academic integrity training to support taught programmes; (5) Develop an integrated TLR course handbook for academic staff, with appropriate training.

Objectives	Key Achievements
Develop and deploy learner TLR dashboard to track progress through programmes of registration	Microsoft PowerBI, part of the Office 365 suite, was identified as a readily available tool for the dashboard in November 2019, and incurred an additional €5k licence fee from the project. The student data dashboard was piloted with one school in March-May 2020 (See: Schematic/Design and Functionality of Transform-EDU Dashboard). The dashboard was subsequently adapted successfully by the Student Retention project to-date. //To Embed Hyperlink to New Website// Work on the data architecture for a learner analytics provision is ongoing through the university education model (UEM) team.
Plan TL events across the TU Dublin campuses to enable cross-disciplinary participation	In collaboration with WS 3.4 team, a range of TL events were piloted across TU Dublin in 2021-2022. All events have been STLR tagged, allowing students to capture competencies gained from participation.
Identify an e-Portfolio standard for TLR development and management—Month 18	• e-Portfolio workshops held with staff from a variety of disciplines and across all three campuses, with a strong emphasis on the www.eportfoliohub.ie framework. • Various VLE e-Portfolio functionality within D2L Brightspace and Moodle were tested to evaluate suitability for TLR. • E-Portfolio functionality is designed into the standalone STLR tool, currently in development, for integration with any VLE.

Offer academic integrity training to support taught programmes.	• Academic Integrity module has been integrated into TU Dublin's VLEs and beta-tested with staff and students in 2020-2021. • Publication of Case Study on Academic Integrity: Towards Effective Guidelines and Protocols for embedding Academic Integrity in the annual QQI Quality in Action in Irish Higher Education 2020 • Structured beta-testing of the staff and student Epigeum Academic Integrity training module was undertaken in in 2021-2022. • Two staff training workshops on Academic Integrity provided to Postgraduate Cert and Graduate Diploma in Education students in 2021-2022. 4.3.6 Up to 89% of students in Year 2 of Study in BSc in Pharmaceutical Science and 100% in Higher Certificate in GMP have complete the first module (circa. 290 students). • The first module in the Epigeum Academic Integrity training has been embedded into two programmes as prototypes for future embedding in all TU Dublin programmes. • A mapping the AI module has been undertaken across a full undergraduate programme within in the School of Pharmaceutical Sciences.

Workstream Impact and Continuity

The idea that students can develop their digital literacy via access to and understanding of their personal data is fundamental to twenty-first-century education and an integral part of GDPR. This initial step toward dashboarding such data was intended to allow students the same view as is available to their lecturers, without access to any comparative data or to that of other students. The Dashboards were provided to students via their personal MS O365 account (PowerBI is an 0365 app which we are using) and was personal to each student as part of their password-protected TU Dublin account in the same way as Outlook, MS Word etc. A student may subsequently choose to share their data, but provisioning is private to them as part of the O365 suite. This work has revealed many issues within existing data structures which is helping towards the design an optimal data architecture for the university, feeding into Learning Analytics and related future data initiatives.

The trajectory of this work stream is focused on fostering a culture of academic integrity in the new university. A dedicated community of practice is being established with a planned schedule of expert seminars in 2022-2023. A reflective podcast to capture the views of senor academic faculty on Academic Integrity is scheduled. An academic integrity working group has been established to embed it in TU Dublin's quality framework.