

Final Learning Technologies Unit (LTU) Report to the Division of Learning and Teaching EXEC

Covering highlights since its inception in mid-2008 when CSU's learning and teaching centre was renamed DLT

Prepared by the LTU Team and submitted on 13th December 2019 by A/Prof Philip Uys, Director Learning Technologies (since January 2009) with gratitude for all the support and contributions over the years from so many colleagues in DLT and beyond –

THANK YOU!

- **Sam Parker's team (Slav Voss, Mark Cochrane, Matt Deans)**
 - NORFOLK
 - 4 Versions released with increasing levels of features Microsoft would be mortified are possible in Word. Reintroduction of audio comments when Microsoft seem to have found it too difficult to implement.
 - EASTS Paperless Marking and use by internal subjects
 - Batch/Return Features.0020Quick movement from first million submissions to the 2nd million.
 - Allowing reporting of assessments handed back in class.
 - Movement from 21 days to 15 working days.
 - SRS
 - Division movement to a centralised model that extended the service request capability and made the change possible.
 - Turnitin
 - Introduction of the educative student check and consolidating separate school accounts into one managed service.
 - PebblePad
 - Increased use in degrees as appropriate.
 - Textbooks database
 - Movement from a very ad hoc collection of textbook information to a database that the coop bookshop could use to manage their ordering.
 - Online Readings Database
 - Short-lived but innovative database for collecting information about readings that were scanned and could harness code used by endnote to produce reference lists based on any referencing standard.
 - DEAPROJ (Project management software)
 - Project management capacity that hooked in with printery charging, and dispatch processes used when packages were still produced.
 - I2 Printing Process

- Set of technologies used by the printery to produce print ready files from Blackboard when several obstacles exist for this not to occur.
 - Included implementing charging integration with CSU card.
 - Subject Outline Archive
 - Consolidation of 5 different sources of subject outlines to produce a collection of 65,000 subject outlines dating back to 1999. All 5 sources used separate naming conventions or none at all. Half of the files needed to be converted from Word to PDF
 - DOMS
 - Implementation and several version upgrades. Many new features gained by suggesting to the vendor. eReserve in DOMS.
 - Single Sign on.
 - Subject Coordinators Database/ACES
 - Introduction of new role types to support LMS and GC processes. Started as just Subject Coordinator.
 - Rollover of the Subject Coordinators database and improvement of new management methods.
 - Online Moderation (now QUASAR)
 - Implementation of the Moderation policy. Quasar system developed. Several updates.
 - Created university source of Subject Convenor and Moderator.
 - H5p
 - Implementation and support
 - Knowledge Matrix (Chatbots and website (workflow))
 - Still a work in progress but some valuable knowledge exists in workflow.
 - Implementation of CourseEvals
 - Once QEES disbanded
 - SAL+
 - Basis for this tool originated from Mark Cochrane's scripts to determine student progress and cohort in multi session subjects.
- **Dawn Calvert's team (Kim Nevins , Di Plunkett, Matthew Hardinge, Lisa Quick) [with goodbyes to Jason Hambly]**
 - Dawn Calvert won a *Charles Sturt Excellence Award* in 2019 as project manager of the subject outline team
 - Learning Management System - Sakai and Blackboard
 - Implemented Sakai, CSUs first Learning Management System in 2008
 - Developed Gradebook to automatically transfer student grades to Banner in 2010
 - Implemented Blackboard in 2014

- Developed Blackboard's Grades Journey to meet CSU needs
 - New theme developed for Blackboard in 2017
 - Blackboard move to SaaS in January 2019 and monthly upgrades since
 - Implemented an automated Grades Journey testing process
- InPlace
 - InPlace allows staff to manage workplace learning and was implemented in 2011
 - 10 upgrades and a migration to a new hosting platform
 - Implementation of Opportunities, Logbooks, Insight modules, with cost Management and Analytics module to be implemented in the new year
 - Numerous training sessions and many hours of system support
 - Massive data cleanup and implementation of CSU wide processes
- MSI and Subject Outlines
 - Mandatory Subject Information, aka MSI, developed in 2010. First formal 'contract' with the student detailing the subject information and integration to the Learning Management System
 - MSI rewritten in 2018 now known as Subject Outlines
 - Subject Outlines project was a successful implementation of both Agile and ADKAR methodologies @ CSU
 - In 2019 Subject Outlines enhanced to include Graduate Learning Outcomes and online moderation questions
 - Vice Chancellor's award received by Dawn and her development team
- CourseSpace
 - CourseSpace is a custom CSU course design system
 - Major CourseSpace releases have been occurring since 2016 including significant usability improvements, searching and course rollover
 - During 2018 implemented in-situ help, New Connection Viewer and the GLO Management Function
 - Mainstreamed CourseSpace in 2019
- Padlet
 - Originally used with private individual licenses
 - Introduced as EET December 2018
 - Approved subsequent NLTA on February 2019 as a 12mth pilot
 - Institutional license for Padlet rollout out including usage guidelines.
 - 254 registered users and growing
- BKSB
 - Funds sourced 2015

- Introduced to CSU 2016 as a pilot - managed by Academics Skills team (then ELLaN)
 - 2018 commenced shared management between DSS and DLT
 - Development of Application Programming Interface (API) to Banner for student details upload
 - Large trial in Science underway (350 students) - testing Biology, Chemistry and Physics modules for suitability for use by first year students undertaking science based subjects

- **Stewart McKinney's team (ALTS) with Ben Hicks [with goodbyes to Simon Welsh; Michael Lea; Ian Holder; Cass Colvin; Ros McNair]**
 - Initiated *Blackboard Analytics for Learn* product as the basis of learning analytics across the university community
 - Inaugurated the *CSU Learning Analytics Code of Practice*, and a *Statement of Student Data Rights and Responsibilities*
 - Established a community of practice around data-informed decisions in course/subject design, development and delivery
 - Enabled learning and teaching data reporting to all levels of the university community through educational intelligence reporting, dashboards and visualisations
 - Building staff capability through professional development: using learning analytics tools and reports; Grade Centre; SuES dashboards and reports; evaluating learning and teaching
 - Established foundations of personalised learning using adaptive technologies to personalise or differentiate learning experiences: Smart Sparrow, Realizeit.

- **Phil Hua's team with Rachel Stewart-Allen**
 - Learning Space Portal pilot – receive 70%+ score on the usefulness of the portal when piloted – integration with timetable system in 2020 and then to be funded
 - Developed the first *CSU Learning Spaces Strategy* (<https://www.csu.edu.au/division/learning-and-teaching/home/learning-spaces/csu-learning-spaces-strategy>) after being approved by the Learning Environments Committee on 12th July 2019 (and finalised in October 2019) following a lengthy and inclusive consultation process - already being used for the PMQ2 project
 - CSU learning Spaces Taxonomy – reduced down from 200+ space names to 7 space names through consultation
 - Create and facilitate 2018 IUT pre-conference workshop

- Leading the creation of the *ACODE* Learning Spaces site – in collaboration with Macquarie University
 - Bathurst Innovative and collaborative space 325, as an example of active learning in action, as promoted by LTU
 - Promote the active learning capability of CSU e.g. School of Psychology is using this and will be writing a research paper on their practices within the discipline
 - Rachel and Philip conducting active learning workshops – building staff capability in understanding pedagogy for effective teaching, online delivery and using technology to support L&T
 - Conduct a *Learning spaces and active learning* session in the GCLTHE each year, building awareness and capabilities
 - Proposed and work with DIT and the Faculty of Science (School of Community Health) to seek agreement for Smartboard technology at SHREC for academics to use active learning with their students
 - Proposed and implemented signage that complemented the learning spaces to encourage active learning and positive on-campus experience, i.e. “Write On me” signs for writeable walls. Students and staff have been using the walls for collaborative and test revision activities.
- **LTU overall by Philip Uys [supported with effective administration by Julie Matthews and Leanne Tucker] [with goodbyes to Tim Klapdor; Greg Hardham]**
 - Build strong relationships and establish CSU’s stature in learning technologies, learning spaces and learning analytics in Australasia and beyond through sustained excellence in our work over the years; Philip being *ACODE* Treasurer and former *Ascilite* Vice-President; conference presentations and publications
 - Build strong relationships within DLT, with the Faculties, DIT, DFM, DSS and the Library
 - Ongoing professional Development re learning analytics, all learning technologies, and active learning in learning spaces
 - System upgrades of many systems including InPlace, PebblePad, DOMS, CourseEvals, and CourseSpace etc.
 - Supported an effective and energetic LTU team
 - Created and facilitated *ACODE’s* first *Leadership Mentoring Scheme* in 2018 and 2019 – in collaboration with Melbourne University
 - Initiated learning analytics at CSU five years ago and set up the *Learning Analytics Working Party* and ALTS
 - Kicked off and oversaw the mobile learning project
 - Tim Klapdor won a *Charles Sturt Team Management Award* as project manager of the mobile learning project

- Led the development of the Ed Tech Framework and the annual Ed Tech Plan, and oversee it being kept up-to-date
- Led the development of the External Educational Technologies (EET) Policy and New Learning Technologies Approval (NLTA) Policy with DIT
- Oversaw the addition of about 20 learning and teaching technologies/systems over this period within a pedagogical (focus on active learning, blended learning, and constructive alignment) and strategic framework
- Started the *Think Pieces project* with A/Prof Marilyn Childs in 2013 and continue to facilitate annually
- EETs and NLTAs since 2015:
 - NLTA approved - 27
 - EET approved - 5
 - Pending decision - 3
 - Not approved - 5

The LTU team says *THANK YOU AND GOODBYE!*

