Learning Environments

Updates from the Learning Environments Committee

An update to the faculties on what has been discussed and achieved in the Learning Environments Committee relating to new or amended physical and digital learning environments.

Projects

Bathurst:
- Active Learning Space/ U!magine innovation room (Room 32)
- CSU Engineering
- Wammarra Indigenous Student Centre

Albury:
- Building 754
- CD Blake Theatre Upgrade
- Winan - Gidyal Indigenous Student Centre
- Winan - Gidyal Indigenous Student Centre

Wagga Wagga:
- Wal Fife Lecture Theatre
- Building 13

Port Macquarie Campus
Canberra Campus Pavilion

Check out plans for Learning Spaces across CSU
This space has been a collaborative working effort with DFM, DIT, and DLT, to develop a space that focusses on active learning and innovation for Learning and Teaching. This space was completed and handed over for use May 2018.

This Learning Space boasts:

- Large floor to ceiling projection for immersive learning
- Touch enabled, mobile interactive screens to work in groups and share via different multiple screens
- Screen can be divided into two halves, one side can project meeting members and the other half for presentations and sharing of desktops
- Three walls have floor to ceiling writable surface areas for group collaboration or for academics to write notes on top of the projected images

**Active Learning Space/ U!magine innovation room (Bathurst Room 325)**

**Large floor to ceiling projection for immersive learning**

**Floor to ceiling writable walls**

**for active learning, collaboration and building a community of learning and teaching**

Group work activity, gathering of ideas from everyone to appraise and negotiate a solution. Practicing Global citizenship via working in a diverse range of audiences, ideas. Engage in lifelong learning to continue and develop personal and professional capabilities. Immerse in professional practice because that’s how we learn and work.

**Touch enabled, mobile interactive screens to work in groups and share via different multiple screens, record and/or broadcast to online students**
New Development

Design Features

- Collaborative, interactive and functional spaces that enable improved engagement between staff and students feature throughout this project.

- Supporting this vision, is an interior design that features an agile, honeycomb learning area, a changing gallery space equipped with electronic, interactive walls and open, interconnected, flexible lab spaces.

Bathurst Campus
CSU Engineering

This Engineering space was designed to give the students their own world of Engineering, in other words creating “students of Engineering”, not Engineering students. Equipped with kitchen/refreshment area and large open space to provide a community of learners, mirroring the workplace within an Engineering setting. This space has the ability for activities such as:

- Presentation - A teacher or student led presentation with a single focal point from small to very large groups.
- Collaborative settings that enable teachers and/or students to work collaboratively on a common task. Whole group and/or small groups of students can be interchangeable. Some common examples can include problem and project based learning, scenario based learning, role plays, collaborative knowledge construction.
- Independent Self-Directed where students have access to a range of settings for independent study and/or working in pairs/groups as needed. Discursive where facilitated discussion and debate between the teacher to student and peer to peer. A hierarchical collaborative structure in the form of a semi-circle for student seating and the teacher at the center. Ideal for debates, peer discussion, peer to teacher discussion, team discussion. Reflective and private space where an individual/groups can think, reflect, and transform learning from external knowledge to internal belief. Spaces that can be separated from outside noise and/or minimal background noise.
- Technology enabled portable large interactive screens to enhance teaching or working in groups, sharing of work or presentation.
Bathurst Campus
Wammarra Indigenous Student Centre

Flexible learning furniture provides different modes of teaching and learning activities. This space has the ability for activities such as:

- **Presentation** - A teacher or student led presentation with a single focal point.

- **Collaborative settings** that enable teachers and/or students to work collaboratively on a common task. Whole group and/or small groups of students can be interchangeable. Some common examples can include problem and project based learning, scenario based learning, role plays, collaborative knowledge construction.

- **Independent Self-Directed** where students have access to a range of settings for independent study and/or working in pairs/groups as needed.

- **Discursive** where facilitated discussion and debate between the teacher to students and peer to peer. A hierarchical collaborative structure in the form of a semi-circle for student seatings and the teacher at the center. Ideal for debates, peer discussion, peer to teacher discussion, team discussion.
Proposed Plans 2018/19

- Plenty of writable surface walls
- Corridor will be refurbished to protect the space from natural elements and temperature exposure
- Refurbished corridor will transform the area into a modern learning space which will include soft furniture, mobile screens and break out rooms
- Carpet in corridor to improve acoustics
- Updated storage facilities to a modern design and allow plenty of storage that will meet the needs of the staff
- Flexible furniture and foldable tables that can be stored away if not required for different teaching mode from presentation mode to collaborative mode

Albury Building 754

Existing space

Proposed Floor Plan

Proposed Finishes
Design of acoustic walls to provide better sound treatment for teaching and learning between learning spaces. Also for aesthetic flow and give a feel of an innovative space for research and learning activities.

Plenty of projectable and writable surfaces for presentation mode and collaborative learning

Breakout spaces to provide student owned space and time

Soft furnishing outside formal class spaces to encourage student activities and learning communities

Wireless presenters

Free standing lecterns
Albury Building 754

- All general spaces will have flexible furniture
- Plenty of windows to allow natural ventilation and light allowing transparency to showcase learning activities inside and outside the learning space
Proposed Furniture

- New collaborative furniture
- Flexible furniture
- Furniture to use for breakout spaces
- Occasional seating area
- Booth seated area
- High bench seating
- Meeting areas

Albury Building 754

Proposed Furniture
Building 751
Improvements

Design features:

- flexible and collaborative workspaces
- improved social space
- enlarged, open student computer hub
- student consulting and interview room
- tutorial room
- natural lighting improvements
- student computer charging station; and
- provision of multi-purpose use space with operable
- wall to allow for separation of quiet and noisy activities

Albury Wodonga Campus
CD Blake Theatre Upgrade

Collaboration Area with New Furniture

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- Independent Self-Directed where students have access to a range of settings for independent study and/or working in pairs/groups as needed.

- Discursive where facilitated discussion and debate between the teacher to students and peer to peer. A hierarchical collaborative structure in the form of a semi-circle for student seatings and the teacher at the center. Ideal for debates, peer discussion, peer to teacher discussion, team discussion.
Building 751 Refurbishment

- The existing passive cooling system for the building has been retained and upgraded to improve performance.
- In addition evaporative coolers have been incorporated into the main tiered theatre space where the high number of occupants (200 seat capacity) results in the need for assisted cooling during warmer days.

Albury Wodonga Campus CD Blake Theatre Upgrade

Acoustically Improved Lecture Theatre

This space can enable L&T settings that enable both presentation to a whole group with opportunities for collaborative learning.

Examples of teaching approaches include Peer Instruction, Posing questions, Think-Pair-Share, Buzz groups.
Albury Wodonga Campus
Winan-Gidyal Indigenous Student Centre

Workstations and Collaboration Space

The Winan-Gidyal Indigenous Student Centre has collaborative furniture that provides easy access for responding to different teaching and learning activities. For a more reflective and private activities, there is the consulting room, tutorial room and an improved student/staff vibrant social settings, with lots of lighting coming from large window areas connecting with the outside area. Aesthetic qualities both inside and outside landscape connecting users with nature and with the world around them.
Building 14 Refurbishment

- new furniture types to suit flexible spaces
- flexible learning spaces to facilitate collaborative learning
- upgraded cooling systems
- improved acoustics & lecture recording
- upgraded audio visual systems; and
- hearing augmentation systems installed

Wagga Wagga Campus Wal Fife Lecture Theatre

Refurbished Lecture Theatre

This space can enable L&T settings that enable both presentation to a whole group with opportunities for collaborative learning with a single focal point.

Examples of teaching approaches include Peer Instruction, Posing questions, Think-Pair-Share, Buzz groups.
Wal Fife Theatre complex has been upgraded to provide contemporary, flexible learning spaces throughout the building.

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- **Independent Self-Directed** where students have access to a range of settings for independent study and/or working in pairs/groups as needed.
- **Discursive** where facilitated discussion and debate between the teacher to student and peer to peer. A hierarchical collaborative structure in the form of a semi-circle for student seating and the teacher at the center. Ideal for debates, peer discussion, peer to teacher discussion, team discussion.
Proposed Plans 2018/19

- Provide flexible spaces
- IT upgrades to all spaces
- One learning space to be specialist space designed for demonstrating how to teach science and mathematics
- One learning space to have additional interactive screens to suit small group collaboration
- Provide spaces for up to 40 Students with two rooms joined via an operable wall
- Provide flexible furniture to allow active learning
- Opening the rooms to the exterior via full height windows where possible to create
- Transparency and connection
- Plenty of windows to allow natural ventilation and light allowing transparency to showcase learning activities inside and outside the learning space
- Improved bench and storage space in the educational demonstration space

Wagga Wagga Building 13

Perspectives
Proposed Ceiling Plans

- Acoustic ceiling panels

Wagga Wagga Building 13

Proposed Ceiling Finish

Ceiling Finishes

- Acoustic Ceiling Panel (ACP1)
- Acoustic Ceiling Panel (ACP2)
- Wall paint to ceiling
- Trim colour to acoustic panels
New Development

The development of a full-service campus for Port Macquarie with a predicted 5000 students by 2030.

Port Macquarie Campus

This space is used for the Imaging programs. It is equipped with real world equipment and settings that allow for specialised learning. Built within this space is a collaborative area fitted with soft furnishings for consultation and group work. It also have PCs and flexible furniture for self-directed learning where students have access to a range of settings for independent study and/or working in pairs/groups as needed.
The Australian Centre of Culture and Christianity identified a need for a small conference facility at Blackall Street Campus in Barton ACT.

The facility known as the “Pavilion” replaces an existing temporary facility.

It is a separate building that can be accessed seven days a week.

Canberra Campus Pavilion

This space has the ability for activities such as:

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- Discursive where facilitated discussion and debate between the teacher to student and peer to peer. A hierarchical collaborative structure in the form of a semi-circle for student seating and the teacher at the center. Ideal for debates, peer discussion, peer to teacher discussion, team discussion.

- Authentic, where learning can be immersive as it would be in the 'real world' such as simulating large meetings.
DIT upgrades to the digital learning environments

During the past 8 months DIT has undertaken the AV equipment upgrade of 54 Learning and Teaching spaces across all campuses of CSU. Spaces are identified based on the age of the following criteria;

- Age of Equipment
- Space Usage based on Timetable bookings
- Space accessibility (space is bookable by all)

The upgraded spaces by Campus;

- 16 Wagga Wagga campus
- 15 Albury campus
- 11 Bathurst campus
- 8 Orange campus
- 4 Dubbo campus

Also completed within the same period was the installation of the Panopto system of lecture capture in over 300 CSU teaching spaces and an equipment refresh of all IVT and BVT spaces across CSU (30+ spaces)