



Technology Enhanced Learning Spaces at ECU

————— It's now in your hands —————

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What is a TEL space?



can take place in one or more classrooms at the same time



is not limited to physical classroom boundaries



is designed to help staff and students achieve learning outcomes



supports innovative learning and teaching



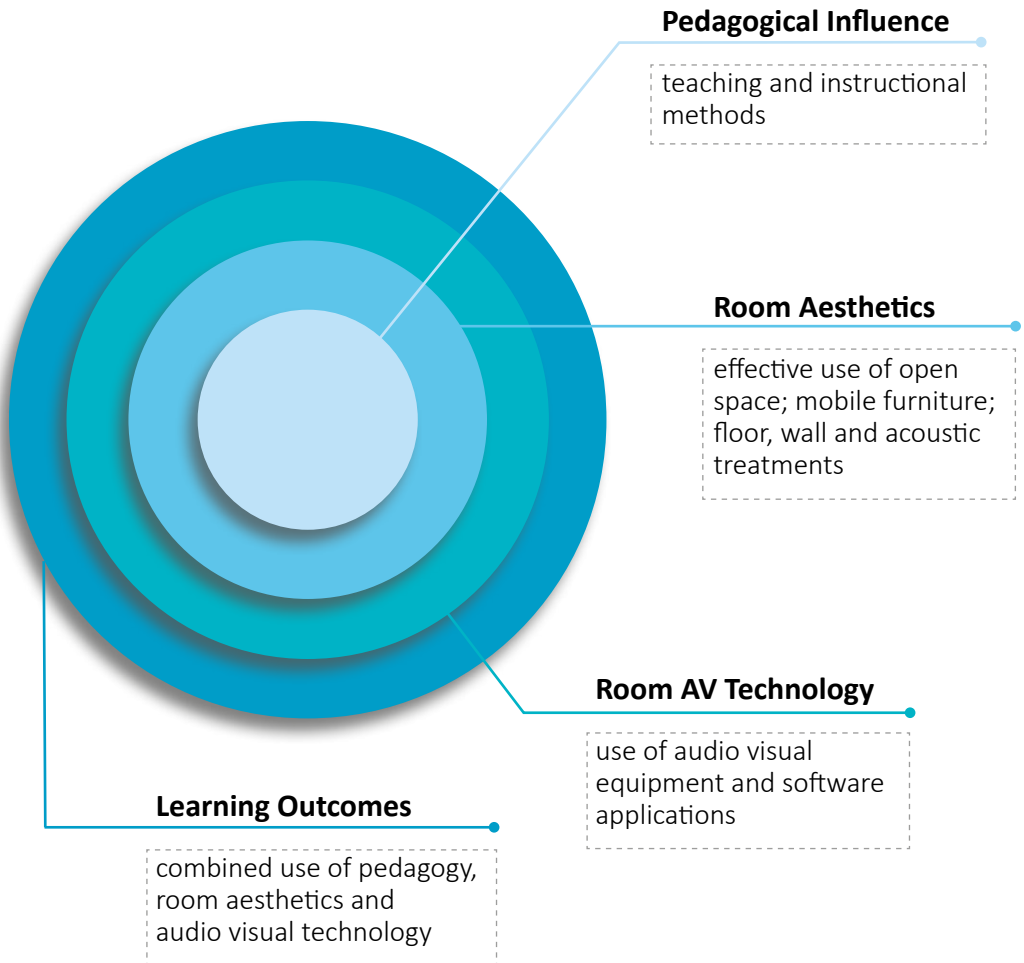
is designed to cater for new digital learning technologies

Features



- modern in appearance
- state-of-the-art equipment
- up-to-date software
- various room sizes
- acoustic treatments
- chairs and desks on wheels
- face-to-face and online communication
- collaborative pedagogy

TEL spaces are designed with pedagogy at the core. State-of-the-art technology and modern room aesthetics help students and staff achieve course and unit learning outcomes through:

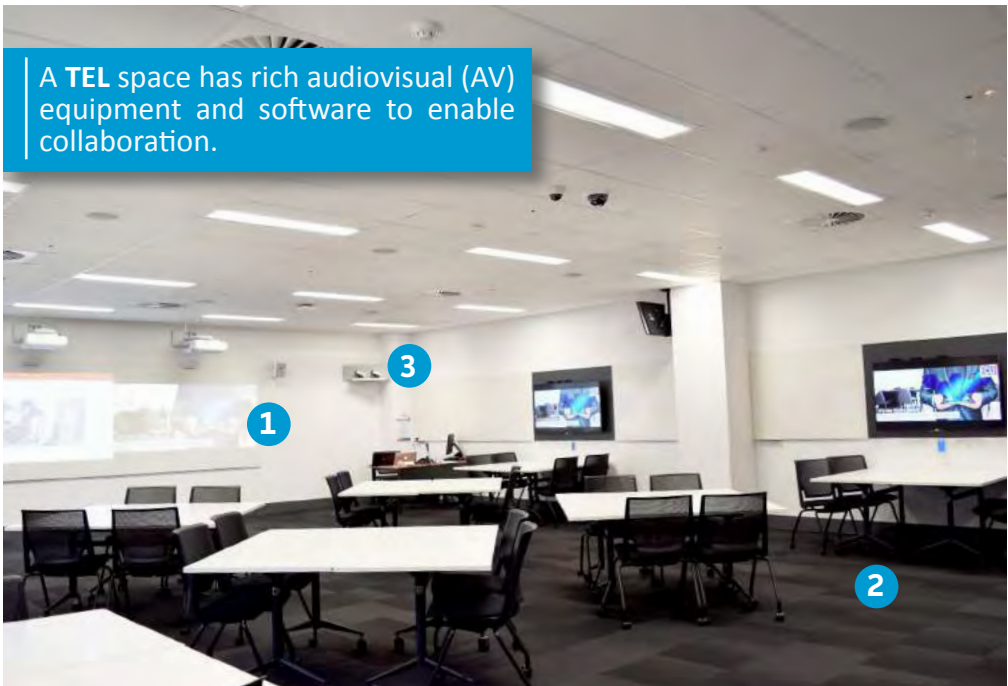


Benefits of a TEL space



- students present content from their BYO devices to pod monitors
- presenters send content from one device to one or more screens
- presenters use document cameras to show objects to students in local and remote classrooms in real time
- students and academics share content from their own devices to any monitor in a room
- students in remote classrooms share and discuss ideas with participants in other classrooms
- presenters can deliver one class to students located in any spanned classroom and in real time
- room cameras capture images of people talking and displays on main screens

A TEL space has rich audiovisual (AV) equipment and software to enable collaboration.



1. video conferencing

linking two classes together with audio and video

2. acoustic treatments

designed to absorb noise and reduce reverberation

3. room tracking cameras

videos and streams people talking

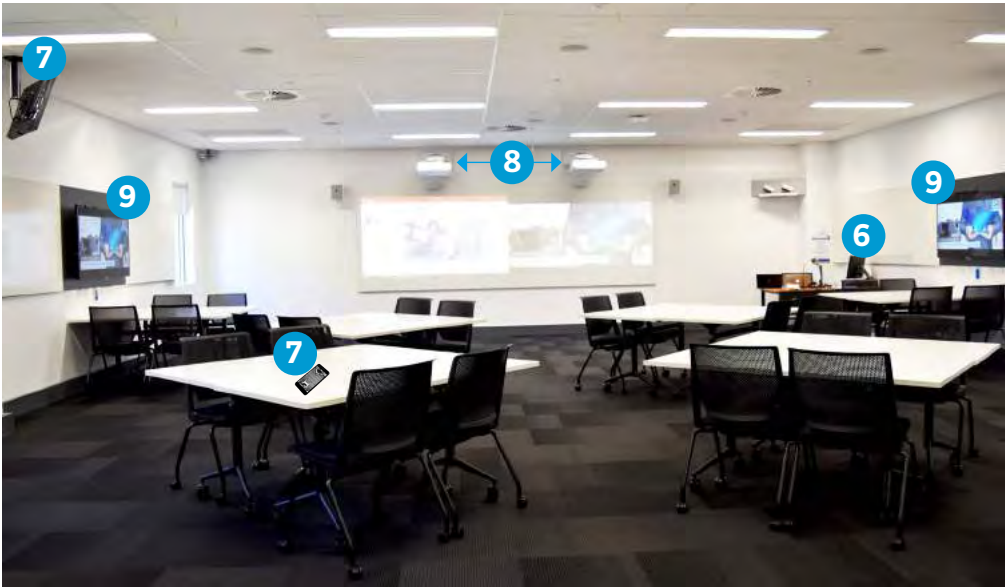
4. lecture capture cameras

fixed overhead cameras that record a video of the scheduled class

5. interactive whiteboards

electronic touch screens that respond to user input





6. room computer
allocated for use by presenters

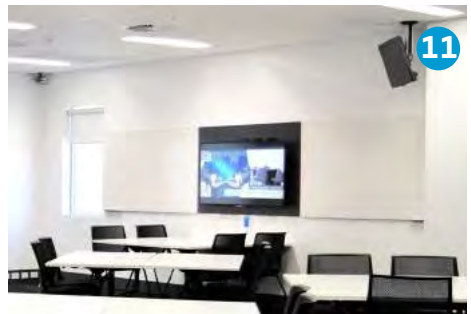
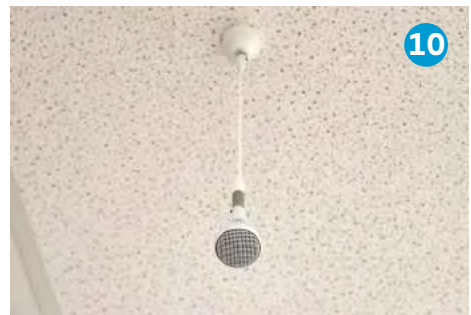
7. Bring Your Own Device (BYOD)
smart phones or laptops
can connect to the room

8. dual projectors
displays content from one or more
sources to the main screens

9. pod monitors
screens for students to share and
work on content in groups

10. audience microphones
fixed on room ceilings; captures
and amplifies voice

11. comfort monitors
placed on side and rear walls
mirroring screens behind them



12. document camera
projects documents and objects

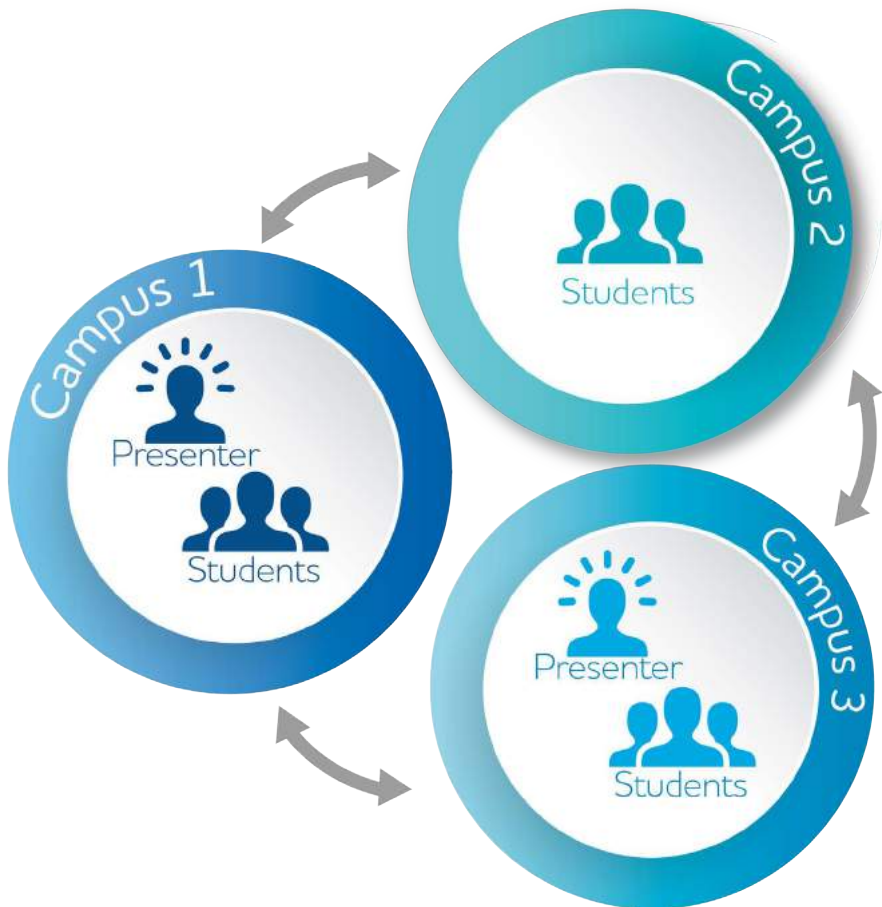
13. graphical user interface
interactive icon-driven touchscreen
controlling room technology



14. Solstice
enables users to wirelessly display
content from mobile devices to
room screens

15. presenter microphones
capture sound and amplifies the
presenter's voice

Spanned classroom



- simultaneous collaboration of two or more classes in different locations connected via videoconferencing at pre-scheduled times and dates
- host and remote classrooms can switch or share presenter and audience modes

ECU has 9 fully equipped TEL spaces

Joondalup

<i>JO2.140</i>	<i>JO21.202</i>
<i>JO2.145</i>	<i>JO21.204</i>
<i>JO19.141</i>	<i>JO31.113</i>
<i>JO19.143</i>	<i>JO32.101</i>

Mt. Lawley

<i>ML3.208</i>	<i>ML10.131</i>
<i>ML17.157</i>	

Bunbury

<i>BU6.101</i>	<i>BU6.102</i>
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Centre for Learning and Teaching (CLT)

professional learning and assistance in TEL

- identify your unique teaching style
- assess your technology fluency
- help you to integrate technology into your teaching style
- introduce online learning elements into your unit assessments
- provide training to upskill you in new technologies
- modify your unit learning outcomes to include technology
- help you to engage with students in technology and collaborative settings
- help you to increase student collaboration in TEL spaces

- introduce you to academics using new technologies
- share what academics are doing in other units
- assist you to identify your students' interest areas
- help you to create learning material that build on TEL standards
- answer your TEL questions
- support use of learning technologies



For more information email:

elearningtraining@ecu.edu.au

ECU staff can contact IT and CLT for support

For IT help and support
dial (61 8) 6304 6000
or see the [Contact website](#)

For CLT help and support
dial (61 8) 6304 2554 or access self-help
materials, visit [Learning Intranet resources](#)

CLT also provides in-class support to teaching staff for the first four weeks of semester. This support is provided by **Student Technical Assistants** who are specially selected and trained to provide dedicated help and assistance to teaching staff

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elarningtraining@ecu.edu.au

