A Technology Enhanced Learning (TEL) space provides teachers and students with access to equipment and software that enables them to share digital content and discuss ideas in real time. 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:

- **Pedagogical Influence**: teaching and instructional methods
- **Room Aesthetics**: effective use of open space; mobile furniture; floor, wall and acoustic treatments
- **Room AV Technology**: use of audio visual equipment and software applications

Combined use of pedagogy, room aesthetics and audio visual technology.
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

---

Audiovisual
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

<table>
<thead>
<tr>
<th>Locations</th>
<th>Space Code 1</th>
<th>Space Code 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joondalup</td>
<td>JO21.202</td>
<td>JO31.113</td>
</tr>
<tr>
<td></td>
<td>JO21.204</td>
<td>JO32.101</td>
</tr>
<tr>
<td>Mt. Lawley</td>
<td>ML3.208</td>
<td>ML10.131</td>
</tr>
<tr>
<td></td>
<td>ML17.157</td>
<td></td>
</tr>
<tr>
<td>Bunbury</td>
<td>BU6.101</td>
<td>BU6.102</td>
</tr>
</tbody>
</table>
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 visit: http://tiny.cc/ecu-it-help

For CLT help and support
dial (61 8) 6304 2554 or access self-help materials, visit: http://tiny.cc/ecu-clt-help

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.

For more information email: elearningtraining@ecu.edu.au