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Action Research, VET and UDL

The Nexus for Success in VET Teaching

CRICOS No. 00001K
RTO Code 0101

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WELCOME *YUMA*

Dhawura Nguna Dhawura Ngunnawal Ngunnawalwari Dhawurawari Nginggada Dindi Yindumaralidjinyin Dhawura Ngunnawal Yindumaralidjinyin

This is Ngunnawal Country. We always respect their Elders, male and female. We always respect Ngunnawal Country.

CIT acknowledges the cultural host nation of the ACT, the Ngunnawal people, as Canberra's first inhabitants and traditional custodians of the ACT and Region. We recognise the special relationship and connection to country the Ngunnawal people have with this area since time immemorial.

Prior to non-Indigenous arrival, Ngunnawal were a thriving community whose cultural practices were, and still are, core to their physical and spiritual wellbeing. We acknowledge the historical dispossession of the Ngunnawal people, and recognise the long-lasting, profound and ongoing impact invasion has had on their health and wellbeing, livelihoods, cultural practices, families and continuation of laws/lore.

CIT respectfully acknowledges the significant contribution of the Ngunnawal people to the life of Canberra.

We also acknowledge other Aboriginal and Torres Strait Islander peoples that have made this place their home.

Identifying what UDL Consideration is needed (Plus 1) and Measuring Impact

Action Research

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Action Research, VET and UDL

What – What Action Research (AR) is

Why – Why VET and UDL are perfect for AR

How - How to start AR and example of UDL aligned AR at CIT

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Chat Box Quiz

As a percentage of enrolment, who has more students with identified disability?

Universities or VET?

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UNIVERSITY

10.6% (ADCET, 2022)

Increasing trend

VET

3.9% (NCVER, 2023)

Decreasing trend

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Action Research – Hands on Research

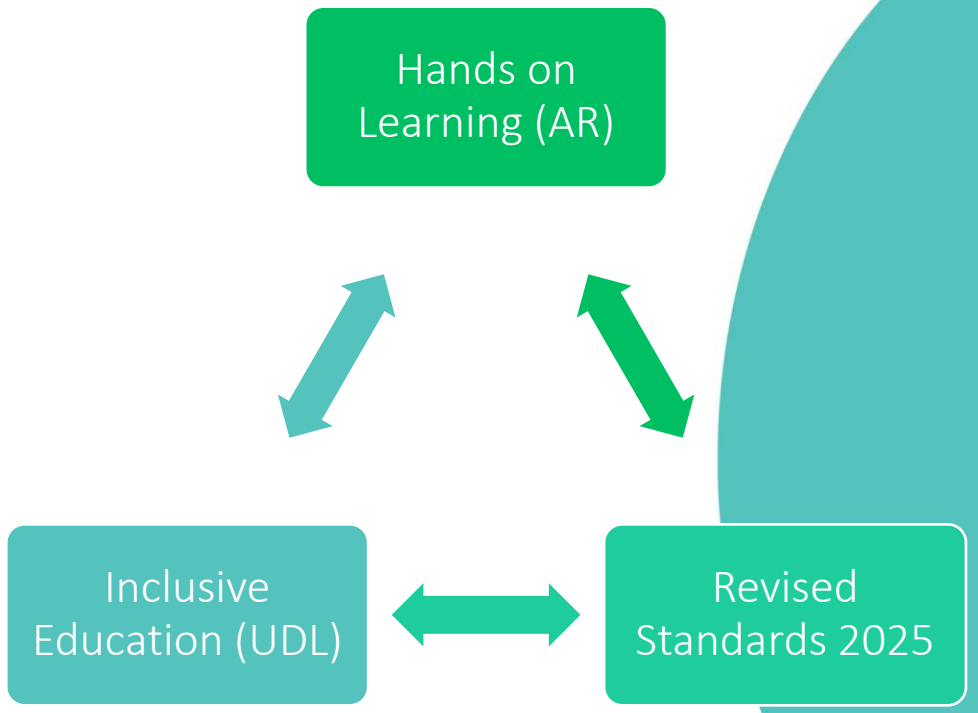
Research that involves actively engaging in **problem-solving activities** and **reflecting on the process.**

- ✓ Best if done collaboratively
- ✓ Not research that you do on top of your work but becomes part of practice

Action Research and VET

Opportune time in VET

- VET = Hands on learning
- Increased inclusion of UDL in policies
- Revised Standards – 01 July 2025
  - Increased focus on diversity & inclusion, engagement and wellbeing



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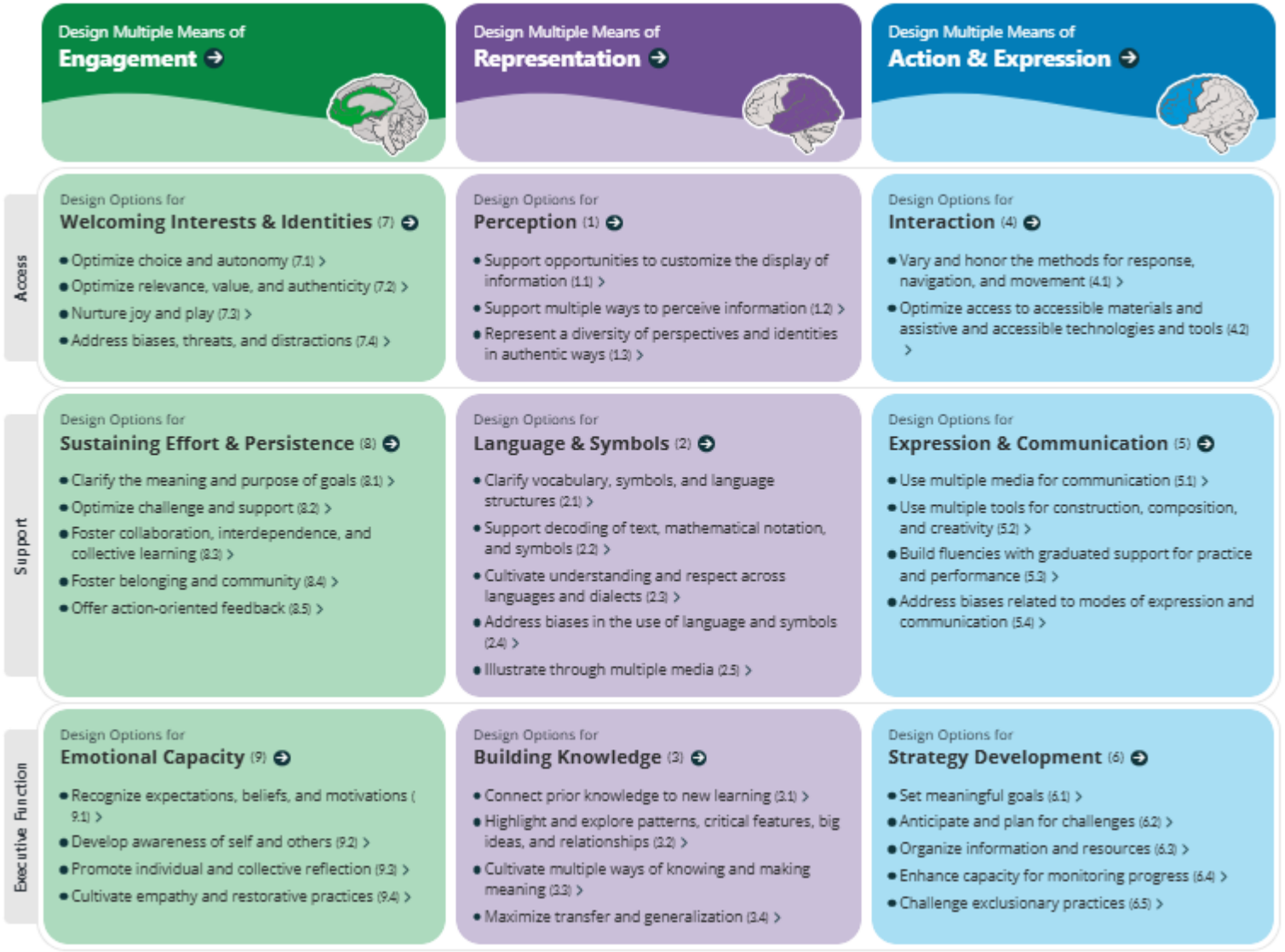
Universal Design for Learning

Provides a scaffold for Action Research – 36 Considerations to test and evaluate

- Each consideration backed by evidence



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Revised Standards 2025

Engaging Training

- Standard 1.1: Training is engaging, well-structured and enables VET students to attain skills and knowledge consistent with the training product

Diversity & Inclusion

- Standard 2.5: The learning environment promotes and supports the diversity of VET students.

Wellbeing Standard

- The wellbeing needs of the VET student cohort are identified and strategies are put in place to support these needs.

The “How”

1. Stop thinking Action Research is for academics – You do it everyday!
2. Undertake the FREE ADCET UDL in Tertiary Education eLearning Program
3. Brainstorm with a peer challenges/ barriers learners encounter in a task or topic or even educator's challenge
4. Come up with a Research Question
5. Decide on how you will measure effect
6. **Implement intervention**
7. **Keep a journal and reflect with peers and learners**
8. **Measure impact i.e. increased use for assessment**
9. Share findings with Peers

Example at CIT – Student use of MS 365 Stream Platform in Cert IV in Fitness

Barrier

Observation of Practicals on site

Research Question

How does providing choice and enabling alternative means for demonstrating competency impact student experience? (Considerations 5.1, 7.1 and 7.2)

Intervention

Allow students to either complete practical in person at CIT or record evidence from own context and share via MS 365 Stream

Evaluation

- MS Forms embedded in Tasks
- Subject Evaluations
- Record of time to assess

Results

1. *Increased satisfaction*
2. *Increased task authenticity*
3. *Targeted feedback and Simplified resubmits*
4. *Reduced marking time*

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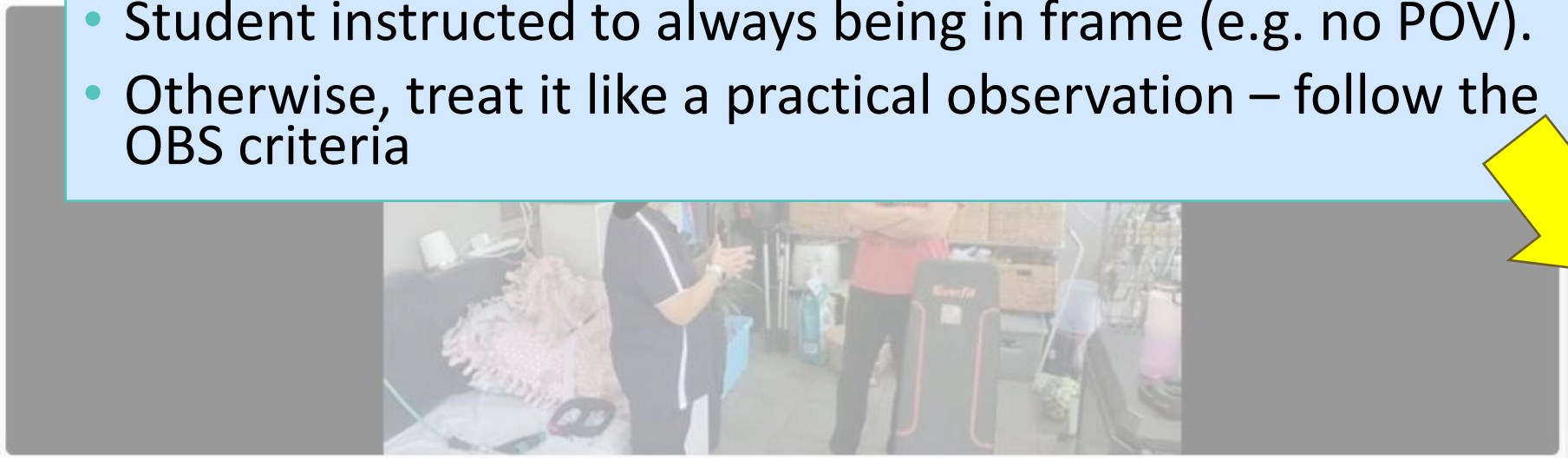
Example: Time stamped student Stream video

- Ensure all screen give consent. Easiest to capture verbal consent via the video.
- Student instructed to always being in frame (e.g. no POV).
- Otherwise, treat it like a practical observation – follow the OBS criteria



Active Client Case Study

April 1, 2025 • 2 views • [redacted] [Student] • HD • ··· > Home > Anatomy and Physiology

Anatomy and Physiology Assessment 3- Practical- Active Client Case Study

Demonstration of Triceps Overhead and Leg Lifts with Weights Exercise

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[redacted] [Student]

0:00:07 Permission to be recorded and injury history
0:00:21 Introduction to Triceps Overhead Exercise
0:00:25 Demonstration of exercise
0:00:33 Mention of elbow extension using triceps
0:00:56 Risk Injury
0:01:06 Benefits to muscle and joints
0:01:13 Benefits for soccer player
0:01:21 Leg Lifts with Weights
0:01:25 Demonstration of exercise
0:01:30 Mention of joint movement
0:01:35 Quadriceps, iliacus and psoas
0:01:59 Risk injury
0:02:10 Benefits to muscle, joints and everyday living
0:02: 22 Thank you for participating

April 1, 2025 at 9:30 PM

Relevant research

- Effective teaching and learning: teacher perspectives on what works best for whom
- Full article: Action research as professional learning in and through practice
- Faculty perspectives on UDL: Exploring bridges and barriers