



Course Outline (Higher Education)

School:	School of Education
Course Title:	TEACHING AND LEARNING WITH DIGITAL TECHNOLOGIES
Course ID:	EDBED1015
Credit Points:	15.00
Prerequisite(s):	Nil
Co-requisite(s):	Nil
Exclusion(s):	(EDBED1001 and EDBED1010)
ASCED:	070103

Description of the Course :

This course aims to explore emerging communication and design technologies and develop an understanding of the role of digital technologies (ICT) in the professional work of teachers. It will examine how emerging technologies can reform and restructure learning. Pre service teachers will develop capabilities in understanding how ICT is associated with information access and management; information creation and presentation; problem solving; decision-making; communication; creative expression; and empirical reasoning. Students develop knowledge, skills and dispositions around ICT and the ability to transfer these across diverse environments, applications and pedagogical contexts. They will be exposed to the diversity and interconnectedness of ICT, including mobile technologies, social networking and emerging innovative and creative technologies.

Grade Scheme: Graded (HD, D, C, etc.)

Program Level:

Level of course in Program	AQF Level of Program					
	5	6	7	8	9	10
Introductory	<input type="checkbox"/>	<input type="checkbox"/>	✓	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Advanced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Learning Outcomes:

Knowledge:

- K1.** Examine and evaluate contemporary teaching strategies that engage students in learning, using current curriculum frameworks.

- K2.** Investigate and develop understanding/s of the relationships between design, creativity and technology (Design and Technologies, Digital Technologies).
- K3.** Identify innovative forms of Information and Communication Technology (ICT) used in schools and communities
- K4.** Explore the emerging trends in ICTs for learning and teaching locally and globally.
- K5.** Contextualise, analyse and respond to pedagogy that incorporates current and future ICTs, including mobile technology, social networking, virtual conferencing, and virtual learning spaces..
- K6.** Examine the safe and ethical use of ICTs in learning and teaching.

Skills:

- S1.** Incorporate new forms of ICT/Digital Technologies to support the implementation of teaching strategies to expand curriculum learning opportunities for students.
- S2.** Research the role of contemporary technologies in the 21st Century including the safe and ethical use of ICTs.
- S3.** Develop appropriate communication skills using ICTs.

Application of knowledge and skills:

- A1.** Apply knowledge of how ICT/Digital Technologies can enhance and expand teaching and learning opportunities in the classroom.
- A2.** Consider and articulate an understanding of ethical social responsibility, relevant issues and strategies to support safe and responsible use of ICT in a learning and teaching environment.
- A3.** Identify effective teaching and learning strategies using ICT/Digital Technologies.

Course Content:

Topics will include:

- How ICTs are used to expand curriculum learning opportunities for students
- Policies and curriculum frameworks associated with ICTs in education settings
- Integrative and thematic approaches to incorporating Digital Technologies into the classroom
- Evaluation of ICTs for use in teaching and learning
- Diverse interpretations of technology, its relationship with creativity and knowledge dissemination
- Issues associated with children`s use of ICT, including social networks, web surfing and virtual online environments
- The role of the teacher, families and communities in regards to issues and the strategies available to support the safe and ethical use of ICT in learning and teaching
- Personal and professional responsibilities relating to safe and ethical use of ICTs
- Investigative design and production skills and knowledge required for the analysis, planning and delivery of lessons
- Communication with families using a range of current and emerging technologies
- Pedagogical approaches that utilise digital technologies for powerful learning. to expand curriculum learning opportunities for students

Values:

- V1.** Value teamwork and collaboration within communication structures mediated by ICTs.
- V2.** Explore personal and social understandings of ethics, social responsibility and cultural sensitivity, particularly in digitally connected communities.
- V3.** Develop a capacity for lifelong learning and an appreciation of its necessity.

Graduate Attributes

The Federation University FedUni graduate attributes (GA) are entrenched in the Higher Education Graduate Attributes Policy (LT1228). FedUni graduates develop these graduate attributes through their engagement in explicit learning and teaching and assessment tasks that are embedded in all FedUni programs. Graduate attribute attainment typically follows an incremental development process mapped through program progression. **One or more graduate attributes must be evident in the specified learning outcomes and assessment for each FedUni course, and all attributes must be directly assessed in each program**

Graduate attribute and descriptor		Development and acquisition of GAs in the course			
		Learning Outcomes (KSA)	Code A. Direct B. Indirect N/A Not addressed	Assessment task (AT#)	Code A. Certain B. Likely C. Possible N/A Not likely
GA 1 Thinkers	Our graduates are curious, reflective and critical. Able to analyse the world in a way that generates valued insights, they are change makers seeking and creating new solutions.	K1; K2; A1	A; A; A;	AT3	A
GA 2 Innovators	Our graduates have ideas and are able to realise their dreams. They think and act creatively to achieve and inspire positive change.	S1	A	AT1	A
GA 3 Citizens	Our graduates engage in socially and culturally appropriate ways to advance individual, community and global well-being. They are socially and environmentally aware, acting ethically, equitably and compassionately.	A2	A	AT1	A
GA 4 Communicators	Our graduates create, exchange, impart and convey information, ideas, and concepts effectively. They are respectful, inclusive and empathetic towards their audience, and express thoughts, feelings and information in ways that help others to understand.	S3	A	AT2	A
GA 5 Leaders	Our graduates display and promote positive behaviours, and aspire to make a difference. They act with integrity, are receptive to alternatives and foster sustainable and resilient practices.	Not applicable	Not applicable	Not applicable	Not applicable

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K2, K4, K5, S2, A1, A2; APST`s 1.2, 2.6, 3.4	Digital presentation outlining how ICTs/Digital technologies can expand teaching and learning in educational contexts.	Digital presentation	20-30%
K3, K5, K6, S1, S3, A2; APST`s 4.4, 4.5	Research and create a culturally-sensitive newsletter for families on the safe use of ICTs/Digital Technologies for children	Group task	20-30%

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
K1, K2, K3, K5, S1, S2, A1, A3; APST's 2.6, 3.4	Identify and evaluate ten ways ICT applications are currently used in schools or early childhood settings, making connections to the current curriculum and contemporary teaching practices in local and global contexts.	ePortfolio	40-60%

Adopted Reference Style:

APA