

Graduate Certificate in Education – ICT Specialisation

Though developed specifically to address the needs of teachers in the Northern Territory, the ICT Specializations in the Graduate Certificate in Education is suitable for all educators wishing to strengthen their understanding and skills in applying ICT in education. The Program is normally a one-semester full-time or two-semester part-time program of professional study. However, students may enrol in one unit a semester over two years if they wish. This professional award, which was developed as part of a partnership agreement between the Northern Territory Department of Education and Training (NT DET) and Charles Darwin University, aims to:

- provide educators with a short, accredited course of professional learning;
- facilitate study in specialized areas of ICT integration in teaching and learning;
- provide a pathway that will enable educators to restructure and strengthen their career opportunities. For example **students who have appropriate IT skill level and wish to maximise articulation of this award into a Masters Degree can arrange to take equivalent IT units at the 500 level. There is increased flexibility now in articulation of the Graduate Certificate of Education into the Master of Education. However, it is important to discuss these issues with a course advisor before enrolment.**

Students interested in this course need to possess a teaching qualification. Ideally, they should be currently engaged in teaching; if not, they should be prepared to apply what they learn to their current work context.

Students will be required to complete four units from the list on the next page: at least one Information Technology unit, one Education unit. Each unit is worth 10 credit points. Two study options (internal and external or e-mode) are available.

Further Information:

Graduate Certificate of Education course advisor

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Advice on HIT-coded units

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This flyer is dated 17 October 2008. Please see over the page for course unit details.

UNITS OF STUDY FOR 2009

INFORMATION TECHNOLOGY

HIT 191 E- Ticket

This unit is for the teachers who want to build their IT expertise, this unit aims to make the student a proficient user of the most common types of PC applications and explains the hardware and software components that make up a PC. Students learn in detail three Microsoft products: Word, Excel and PowerPoint with a focus on effective use and communication for diverse contexts. This unit is offered in first semester in external and internal modes.

DET Support Available:

- Semester 1 & 2 Internal and External

HIT 125: Application Concepts

For those teachers who have the basics and want to do something that is a little more challenging, this unit provides an introduction to both web development technologies and initial programming concepts. Students learn practical skills in building websites and beginning programming. This unit is offered in first semester in external and internal modes.

DET Support Available:

- Semester 1 & 2 Internal and External

HIT 162 Information Technology concepts

This unit is probably for teachers who really want to know how the inside of a computer works. This would be particularly useful for people who have the role of managing the IT infrastructure in a school. There are teachers in these positions in both primary and high schools. The Rudd roll out of computers for schools will impact on this role significantly next year. Could be good marketing material. It covers the fundamentals of hardware and software and how they integrate to form essential components of IT systems.

DET Support Available:

- Semester 1 Internal and External

HIT 234 Database Concepts

Again – this unit would be for teachers who want more advanced technical skills specifically in database management and development. The unit explores issues, problems and needs for organizing information within an organisation as well as externally for e business.

DET Support Available:

- Semester 2 Internal and External

EDUCATION

ICT 439 Contexts of ICT in Education

The focus of this unit is on consolidating teachers use of ICT in education. It provides an introduction to the use of ICT in education in the NT and elsewhere. A collaborative learning community approach is used. A major component of this unit is an action learning activity based on developing teachers ICT use in teaching and learning.

DET Support Available:

- Semester 1 - online

ICT 440 ICT and learning today

The aim of this unit is to help teachers integrate ICT across the curriculum and work with colleagues to achieve this. The unit expands on the topics covered in ICT439, broadening the application of ICT in classroom and school contexts. In part it promotes ICT as a supportive learning environment allowing students to be self-directed learners. A major component of this unit is an action learning activity based on developing ICT use in teaching and learning, within your teaching area, across the curriculum.

DET Support Available:

- Semester 2 - online

ICT 441 ICT Innovation in ICT application to education

The focus of this unit is on leading whole-school change through the integration of ICT, by challenging structures, systems and perceptions of ICT integration in education and modelling innovative practices. A major component is the use of a simulation and social computing technologies.

DET Support Available:

- Semester 1 - online

NT DET staff will be eligible to apply for funding to complete two units towards the Graduate Certificate of Education – ICT Specialisation.

This funding is approved through the DET Approved Student Status Scheme.

Applications for 2009 study closes on 7th November, 2008.