

Information Technology (T/A/V)

The Faculty of Information Technology at Dickson College aims to provide students with the opportunity to gain experience in a broad range of ICT skills, from programming and networking through to 3D Modelling and website design.

All subjects taught by the Faculty of Information Technology have a strong and rigorous academic focus as well as being vocationally based. This means that a student can gain competencies towards a nationally recognised Certificate I & II in Information Technology while also working towards a university entrance score (ATAR) or an accredited package.

The majority of students who complete an IT major earn their Certificate I in Information Technology and many also gain their Certificate II.

Students can mix and match units from the following streams to make up a double major (7 units), major/minor (5 units) and major (3 ½ units). The faculty has many links to industry, universities and TAFEs which allow students to gain valuable on-the-job experience outside the classroom. Students also have the opportunity to participate in various programming and robotics competitions such as Robocup and UNSW programming competition.

Information Technology units offered in the 2011 and 2012 academic years include:

- 3D Modelling and Animation
- Digital Editing and 2D animation
- Program and Design Concepts
- Web Design
- Robotics and Intelligent Systems
- U.A.V
- Networking and Server Technology
- Spreadsheets and Databases
- Games Programming
- Systems Analysis and Design
- IT projects

Dickson College is a fully accredited Cisco and Microsoft IT Academy. Students work on the latest hardware and software platforms such as Windows 7, Office 2007, Visual Studio, C#, Visual Basic.Net, Xbox development environment, Photoshop, Expression Suite, and Javascript to name a few. To complement the work done in the computer labs, Dickson College students can download many of these software packages for use at home usually free of charge.

For more information contact:

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Dickson College offers certified courses from the Cisco Network Academy.

For full unit descriptions and information about gaining a major or minor in subject areas
see www.dicksonc.act.edu.au/handbook.pdf

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