



DIGITAL DESIGN

Elective Subject CODE: DDN

COURSE OVERVIEW

The Digital Design course provides an opportunity for students to learn about the processes involved in coding/programming and the practical application of design thinking to envisage creative ideas. This problem-based subject will enable students to use critical thinking, creative thinking and ICT skills while collaborating with others to generate solutions for open-ended problems. This subject is a foundation for the Year 11 and 12 subjects Digital Solutions and Design.

COURSE STRUCTURE

This course will offer students the opportunity to gain a range of skills and experiences in the following areas:

- Algorithms, coding and user interfaces
- Using a programming language to control a machine or computer
- Design processes used by designers to allow the creation of innovative ideas
- Experiencing design through developing ideas and design concepts

While studying Digital Design students will have the opportunity to gain the stand-alone qualification:

- Certificate I in Information, Digital Media and Technology

Information about the Certificate I in Information, Digital Media and Technology is provided on the following page.

ASSESSMENT TECHNIQUES

- Project
- Computer tasks
- Presentation
- Exam

SPECIAL REQUIREMENTS

Laptops will be used in this course. It is compulsory for students choosing this subject to attend every lesson with a laptop. For minimum laptop requirements, refer to the document "Laptops at Chancellor State College" under Related links on the College website.

<https://chancellorsc.eq.edu.au/Extracurricular/Computerandinternet/Pages/Computerandinternet.aspx>

CERTIFICATE I IN INFORMATION, DIGITAL MEDIA AND TECHNOLOGY

COURSE OVERVIEW (one semester)

QUALIFICATION: ICT10115 CERTIFICATE I IN INFORMATION, DIGITAL MEDIA AND TECHNOLOGY

COURSE OVERVIEW

<http://training.gov.au> – Please refer to the training.gov.au website for specific information about the qualification. The Certificate I is a standalone qualification that allows individuals to develop basic ICT skills and knowledge to prepare for work. Students work through a range of tasks in a project based scenario.

DURATION

One term

COURSE UNITS

UNIT CODE UNIT NAME

ICTICT101	Operate a personal computer
ICTICT102	Operate word processing applications
ICTICT103	Use, communicate and search securely on the internet
ICTICT104	Use digital devices
ICTICT105	Operate spreadsheet applications
ICTICT106	Operate presentation packages

ASSESSMENT TECHNIQUES

The emphasis in this subject is on completing tasks in a competent manner. Assessment will be delivered using a variety of techniques:

- Project
- Computing Tasks
- Folio of Collected Evidence of Competency

Students must achieve competency at every task in order to be issued with a full certificate at the completion of this course.