INFORMATION TECHNOLOGY SYSTEMS

Authority Subject  CODE: ITN

COURSE OVERVIEW
Information Technology Systems seeks to prepare students to meet the rapid change of technology in society and the workforce. It provides students with the opportunity to develop skills for related areas of employment and study.

In their studies, students will design, develop and evaluate technology products both individually and in groups. A range of industry standard software packages will be used throughout the course.

Information Technology Systems prepares students to cope with, and harness to their advantage, the changes and significant opportunities associated with IT. This subject may lead to employment in such areas as IT support, graphic and multimedia manipulation, or tertiary study in the fields of multimedia design, games design, website design and animation.

COURSE STRUCTURE
Information Technology Systems is delivered to students in four contexts:

- Graphic Design
- Animation and Game Design
- Web Design
- Multimedia

These units include:

Graphic Design: Various print media design projects incorporating design principles, page layout, image manipulation and typography.

Animation and Game Design: Production of web based animations focussing on animation fundamentals as well as the design, development and evaluation of 2D games.

Web Design: Creation of websites using technical skills, web design principles and interface design.

Multimedia: Individual project work is the focus of this unit. Students are involved in problem solving to design, develop and evaluate entry level industry standard IT products using advanced features of software.

Every unit is studied and assessed through scenario based projects that reflect the IT industry. This course involves practical tasks as well as comprehensive written tasks. Students are expected to document all products designed and developed through an extensive report process.

ASSESSMENT TECHNIQUES
Students assessment will be in the form of:

- Individual Projects
- Writing Tasks including Design, Develop, Evaluate Reports
- Practical Exercises
- Written Exams

Students are assessed against standards described in terms of:

- Knowledge and communication
- Design and development
- Implementation and evaluation

SPECIAL REQUIREMENTS
ITS has a demanding and constant workload of computer based homework. 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