



# Kolbe Catholic College

*Courage Faith Excellence*

## 12 1A/B Applied Information Technology

## Assessment Matrix

Due	Task	Details	Score	Weight %
Term One Week 4	<b>Investigation</b> <b>ICAD2012B</b> DESIGN ORGANISATIONAL DOCUMENTS USING COMPUTING PACKAGES (1.0, 2.0)	Students are to research: Students plan, conduct and communicate an investigation. Students are to form a focus question to guide their research into the features and benefits of building their own computer. What can be gained from building a computer in terms of overall costing and what can be accomplished? Use a variety of sources to gather your research. Communicate the results with other members in the class to develop an informed decision.		15%
Term One Week 7	<b>Production</b> <b>ICAI3021B</b> CONNECT INTERNAL HARDWARE COMPONENTS (1.0, 2.0, 3.0, 4.0, 5.0)  <b>ICAS2014B</b> CONNECT HARDWARE PERIPHERALS (1.0, 2.0, 3.0)  <b>ICAS2017B</b> MAINTAIN SYSTEM INTEGRITY (1.0, 2.0, 3.0, 4.0)	Extended production project in which students explore ideas and control the processes required to manage the quality of production. Students engage in the activity of building their own computer and an on-the-spot evaluation of a performance. Students can manage a range of production processes, evaluating and modifying them as necessary. Students demonstrate an understanding of styles, structures, codes and conventions and the development of confidence and competence in the use of technologies, skills and processes in a range of contexts. Students use evidence such as a journal to show evidence of exploration and the development of ideas, reflection on learning processes and critical evaluation and modification of ideas, portfolios and products. Students learn basic identification of the components of a computer system and common peripheral devices. Students understand the differentiation between operating and application software, they can identify different types of common applications and their uses. Students take simple care of a computer system, removal and locate suitable places to purchase a computer system and components for personal use.		60%
Term Two Week 5	<b>Response</b> <b>ICAU2006B</b> OPERATE COMPUTING PACKAGES (1.0, 2.0, 3.0, 4.0)	Students apply their knowledge and skills in analyzing and responding to a series of questions for occupational health and safety issues relating to the use of computers. Students develop documents for relevant people in relation to analysis and evaluation of Occupational Health and Safety. Students will be required to provide a journal, observation checklist and evaluation tools. Students understand occupational health and safety issues relating to the use of computers. Students learn and take responsibilities of ICT users and maintain privacy of information. Students identify new developments in ICT for personal use and understand how they may impact on new ICT developments for users. Students research into career opportunities within the ICT field and basic identification of pathways available for ICT careers. Students become aware of legislation that impacts on the user in a personal context and ergonomic practices for ICT users, such as correct posture and environmental factors that affect ICT users. Students brainstorm ideas representing design solutions.		15%
Term Two Week 6	<b>Test</b>	Students apply their understanding and skills in Applied Information Technology to analyse, interpret, solve problems and answer questions in test settings. Students are required to use technical terminology, apply knowledge and application of Applied Information Technology skills. Types of questions will include multiple choice, short answer, extended answer and production.		10%