NOTIFICATION OF ASSESSMENT TASK

Course: HSC Software Engineering

Topic/Unit Focus: Software Engineering project

Assessment Number: Task 3

Components: 15% - Knowledge and understanding of course content

15% - Knowledge and skills in the practical application of the content

Total Weighting: 30%

Week Issued: Term 2 Week 8, 2025

Week Due: Term 3 Week 6, 2025

Outcomes Assessed:

SE-12-1	justifies methods used to plan, develop and engineer software solutions applies structural elements to develop programming code
SE-12-2	analyses how current hardware, software and emerging technologies
SE-12-3	influence the development of software engineering solutions evaluates practices to safely and securely collect, use and store data
SE-12-4	explains the social, ethical and legal implications of software engineering on
SE-12-5	the individual, society and the environment justifies the selection and use of tools and resources to design, develop,
SE-12-6	manage and evaluate software designs, develops and implements safe and secure programming solutions
SE-12-7	tests and evaluates language structures to refine code
SE-12-8	applies methods to manage and document the development of a software project
SE-12-9	

Task Description: You are to work with a client to plan, develop and engineer a software solution to a problem.

Identifying and defining: Define and analyse the requirements of a problem; Explore tools used to develop ideas and generate solutions; Investigate types of software implementation methods

Research and planning: Select and justify an appropriate development approach; Apply project management to plan and conduct the development and implementation of a project and software engineering solution; Demonstrate the use of modelling tools

Producing and implementing: Develop, construct and document algorithms; Allocate resources to support the development of a software engineering solution; Implement version control when developing a software engineering solution; Explore strategies to respond to difficulties when developing a software engineering solution; Propose an additional innovative solution using a prototype and user interface (UI) design

Testing and evaluating: Apply methodologies to test and evaluate code; Use language-dependent code optimisation techniques; Evaluate the effectiveness of a software engineering solution

This is a brief summary of the assessment policy at Freshwater Senior Campus. Please see the assessment policy for clarity and further information. This summary does not supersede the policy.

It is the student's responsibility to be alert to the notification of tasks. **In case of absences from school, students will need to check with their teachers upon their return if they have missed any notifications of upcoming tasks. Refer to the online policy for more detail.**

1 Students who **fail to submit** an assessment task by the due date **may be given zero** if they have no valid reason.

2 Students who **fail to attend** an assessment task which is to be completed at school **may be given zero** if they have no valid reason.

3 All work that is submitted for assessment purposes must be the independent work of the student concerned (or where group work is permitted, of the students concerned). Student malpractice including plagiarism or a non-serious attempt may result in a zero being awarded. In addition, students must attend all classes on the day prior to the due date of all assessment tasks. This is to ensure equity, fairness and not provide individuals with an unfair advantage. Students who absent themselves from class in the preceding days may be penalised unless they can prove they have not gained an advantage.

4 Students who **fail to submit** an assessment task by the due date or fail to attend a task that is to be completed at school, but **who have a valid reason** (such as sickness or approved leave validated by appropriate documentation) will be allocated an extension of time. These students are eligible for the full mark allocated to the task if they complete the task by the new date. **Please note: You must submit the task on the day you return to school.**

5 If you believe factors beyond your control, e.g. sickness, family misfortune, have affected your ability to do your best on a task, you may apply for an extension by seeing the appropriate Deputy Principal at least 24 hours before the due date. NO EXTENSION WILL BE GRANTED TO APPLICATIONS RECEIVED ON THE DAY A TASK IS DUE.

6 Students seeking Disability Provisions for assessment tasks are to communicate with their Course Teacher and Head Teacher at least two weeks prior to the date of the assessment task. The Head Teacher will inform students seeking disability provisions of the exact venue and details for the task.

7 If a student submits a task which is deemed to be a non-serious attempt, then a zero mark may be awarded. Students should enter a formal examination or complete an assessment task knowing they MUST make a genuine effort at the assessment task or examination. A student's task or exam is considered a **non-attempt** if there is no evidence of academic engagement with the task or exam. Students are required to attempt a range of question types throughout the examination paper or assessment task. It is not sufficient to answer multiple choice questions only. Merely rewriting the question is NOT considered to be an adequate attempt at the paper. A **non-serious attempt** is where students write frivolous or objectionable material in response to the question.

8 Your responsibility if you are absent when a task is due: The student or parent/guardian must phone the school and inform the Deputy Principal of the absence. A misadventure form can be completed and submitted with accompanying evidence (Doctor's certificate) to the Deputy Principal. This must be submitted on the day of return.