

Varsity College Year 12 Digital Solutions

Term 1, 2023

Week	Date	Topics	Assessment
1	23-27 January Australia Day PH - Thurs	<ul style="list-style-type: none"> IA2 handed out – Breakdown of tasks, explore the problem 	
2	30 Jan – 3 Feb Swimming Carnival - Mon	<ul style="list-style-type: none"> IA2 Assessment Work – Develop the solution (data) 	
3	6-10 February	<ul style="list-style-type: none"> IA2 Assessment Work – Develop the solution (UI/UX) 	
4	13-17 February	<ul style="list-style-type: none"> IA2 Assessment Work – Generate the solution (UI/UX) 	
5	20-24 February	<ul style="list-style-type: none"> IA2 Assessment Work – Generate the solution (database and data requirements) 	
6	27 Feb – 3 Mar	<ul style="list-style-type: none"> IA2 Assessment Work – Evaluate the solution 	IA2 Draft Due
7	6-10 March GIPSA - Wednesday	<ul style="list-style-type: none"> IA2 Assessment Work – Respond to feedback 	
8	13-17 March	<ul style="list-style-type: none"> IA2 Assessment Work – Respond to feedback 	IA2 Submission
9	20-24 March	<ul style="list-style-type: none"> Introduction to Unit 4 – Digital Impacts 	
10	27-31 March Cross Country - Thurs	Exam Block	
School Holidays: Saturday April 1 – Sunday April 16			

Term 2, 2023

Week	Date	Topics	Assessment
1	17-21 April Athletics Carnival - Wednesday	<ul style="list-style-type: none"> Data Exchange Systems – The Server Client Model 	
2	24-28 April ANZAC Day PH - Tues	<ul style="list-style-type: none"> Methods for Data Exchange (REST, AJAX, XML and JSON) IA3 Handed Out – Breakdown of tasks, explore the problem 	
3	1-5 May Labour Day PH - Monday GIPSA - Wednesday	<ul style="list-style-type: none"> Cryptography – The Caesar Cipher IA3 Assessment Work – Explore the data sources 	
4	8-12 May	<ul style="list-style-type: none"> Cryptography – the Vigenère Cipher IA3 Assessment Work – Develop the UI/UX 	
5	15-19 May GIPSA - Wednesday	<ul style="list-style-type: none"> Cryptography – the One-Way Hash IA3 Assessment Work – Explore the APIs 	
6	22-26 May GIPSA - Wednesday	<ul style="list-style-type: none"> Australian Privacy Principles and User Data Storage IA3 Assessment Work – Develop data storage solution (OurAPI) 	
7	29 May – 2 June	<ul style="list-style-type: none"> Cryptography – the One-Time Pad, Review Private/Public Keys IA3 Assessment Work – Develop the solution 	
8	5-9 June Exam Block – Tuesday L1, 2 GIPSA - Wednesday	<ul style="list-style-type: none"> Cryptography – the Gronsfeld Cipher IA3 Assessment Work – Develop the solution 	
9	12-16 June	<ul style="list-style-type: none"> Cryptography – Feistel Ciphers IA3 Assessment Work – Develop the solution 	
10	19-23 June	<ul style="list-style-type: none"> Block vs Stream Ciphers IA3 Assessment Work – Develop the solution 	
School Holidays: Saturday June 24 – Sunday July 9			

Term 3, 2023

Week	Date	Topics	Assessment
1	10-14 July	DES, TripleDES IA3 Assessment Work – Evaluate the solution	IA3 Draft Due
2	17-21 July	IA3 Assessment Work – Respond to feedback	
3	24-28 July	IA3 Assessment Work – Respond to feedback	IA3 Submission
4	31 July – 4 August Exam Block Thursday	Exam Preparation – SQL Review Desk Checking algorithms	
5	7-11 August	Exam Preparation – Pseudocode Review Review of 2020 Mock Exam Questions	
6	14-18 August	Exam Preparation – Data Flow Diagram Review Review of 2020 Mock Exam Questions	
7	21-25 August	Exam Preparation – Useability Principles, Elements of Visual Communication, Principles of Visual Communication Review of 2022 Exam Questions	
8	28 August – 1 Sept.	Exam Preparation – cipher algorithms and pseudocode Review of 2022 Exam Exam Questions	
9	4-8 September	Mock Exams	
10	11-15 September	Mock Exams	
School Holidays: Saturday September 16 – Monday October 2			

Term 4, 2023

Week	Date	Topics	Assessment
1	2-6 October Queen's Birthday PH - Mon	EA revision and preparation	
2	9-13 October	EA revision and preparation	
3	16-20 October	<ul style="list-style-type: none"> No classes for Applied and Certificate subjects. Study lessons for General subjects. 	
4	23-27 October	External Exam Block	External Exam
5	30 Oct – 3 Nov		
6	6-10 November		
7	13-17 November	Graduation	