Varsity College
Year 12 Digital Solutions 2024

Term 1

Week	Date	Topics	Assessment
1	**22-26 January** O-Week Australia Day PH Fri	• O-Week	
2	**29 Jan-2 Feb**	• IA2 handed out – Breakdown of tasks, explore the problem	
3	**5-9 February** Swimming Carnival - Thurs	• IA2 Assessment Work – Develop the solution (data)	
4	**12-16 February**	• IA2 Assessment Work – Develop the solution (UI/UX)	
5	**19-23 February**	• IA2 Assessment Work – Generate the solution (UI/UX)	
6	**26 Feb-1 Mar** GC24 - Wednesday	• IA2 Assessment Work – Generate the solution (database and data requirements)	
7	**4-8 March**	• IA2 Assessment Work – Evaluate the solution	**IA2 Draft Due**
8	**11-15 March**	• IA2 Assessment Work – Respond to feedback	
9	**18-22 March** GC24 - Thursday	• IA2 Assessment Work – Respond to feedback	**IA2 Lesson 3**
10	**25-29 March** Good Friday PH	**EXAM BLOCK**	
	School holidays: Friday March 29 - Sunday April 14		

Term 2

Week	Date	Topics	Assessment
1	**15-19 April** Cross Country - Wed	• Data Exchange Systems – The Server Client Model	
2	**22-26 April** GC24 - Tuesday Anzac Day PH - Thurs	• Methods for Data Exchange (REST, AJAX, XML and JSON)	
3	**29 Apr-3 May**	• Cryptography – The Caesar Cipher • IA3 Assessment Work – Explore the data sources	
4	**6-10 May** Labour Day PH - Mon	• Cryptography – the Vigenère Cipher • IA3 Assessment Work – Develop the UI/UX	
5	**13-17 May**	• Cryptography – the One-Way Hash • IA3 Assessment Work – Explore the APIs	
6	**20-24 May**	• Australian Privacy Principles and User Data Storage • IA3 Handed Out – Breakdown of tasks, explore the problem	
7	**27-31 May**	• Cryptography – the One-Time Pad, Review Private/Public Keys • IA3 Assessment Work – Explore the data sources	
8	**3-7 June**	• Cryptography – the Gronsfeld Cipher • IA3 Assessment Work – Develop the UI/UX	
9	**10-14 June** GC24 - Wednesday	• Cryptography – Feistel Ciphers • IA3 Assessment Work – Explore the APIs	
10	**17-21 June** Athletics Carnival - Thurs	• Block vs Stream Ciphers • IA3 Assessment Work – Develop the solution	
	School holidays: Saturday June 22 - Sunday July 7		

Term 3

Week	Date	Topics	Assessment
1	**8-12 July**	• DES, TripleDESIA3 • Assessment Work – Evaluate the solution	**IA3 Draft Due**
2	**15-19 July**	• IA3 Assessment Work – Respond to feedback	
3	**22-26 July** **GC24 - Thursday**	• IA3 Assessment Work – Respond to feedback	**IA3 Lesson 3**
4	**29 Jul- 2 Aug**	• Exam Preparation o SQL Review o Desk Checking algorithms	
5	**5-9 August**	• Exam Preparation o Pseudocode Review o Review of 2023 Mock Exam Questions	
6	**12-16 August** **GC24 Finals – Wed.**	• Exam Preparation o Data Flow Diagram Review o Review of 2023 Mock Exam Questions	
7	**19-23 August**	• Exam Preparation o Useability Principles, Elements of Visual Communication, Principles of Visual Communication o Review of 2023 Exam Questions	
8	**26-30 August**	• Exam Preparation o cipher algorithms and pseudocode o Review of 2023 Exam o Exam Questions	
9	2-6 September	**MOCK EXAMS**	
10	9-13 September	**MOCK EXAMS**	
	School holidays: Saturday September 14 – Sunday September 29		

Term 4

Week	Date	Topics	Assessment
1	**30 Sept – 4 Oct**	• EA revision and preparation	
2	**7-11 October** **King's B'day PH - Monday**	• EA revision and preparation	
3	**14-18 October**	• EA revision and preparation	
4	21 - 25 October		
5	28 Oct – 1 Nov	**EXTERNAL EXAMS**	**External Assessment**
6	4-8 November		
7	11-15 November	**Final Week Events**	