

Year 12 Digital Solutions

Work rate calendar (WRC) 2024

Term 1

All students are expected to participate in all online lessons and complete all assessment as outlined in this **Work rate calendar**.

Teachers may adjust topics, class work, assessment and submission dates. Adjustments will be communicated via QLearn or during lessons.

Assessment	
Supervised assessment	Summative exams are to be supervised by the student's official exam supervisor.
Non-supervised assessment	Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted	
1	22 Jan – 26 Jan	Unit 3: Digital Innovation	Monday 22 January — Welcome calls for students: Prep – Year 12		
			Wednesday 24 January — Learning for success: Prep – Year 12		
			Friday 26 January — Australia Day Holiday		
Innovative Digital Solutions					
Innovation and Interrelationships					
2	29 Jan – 2 Feb		Exploring Innovative Digital Solutions		
			Problem and Solution Decomposition		
			Use Case Diagram Exploring Existing Solutions		
3	5 Feb – 9 Feb		Friday 9 February — Senior orientation day: Years 10–12		
			Modelling Innovative Digital Solutions		
		Activity Diagrams Data Flow Diagram Class Diagram – Attributes and Methods			
4	12 Feb – 16 Feb	Developing Innovative Digital Solutions		IA2 Checkpoint 1 Submit A3 documentation	
		Data Development Interface Development			
5	19 Feb – 23 Feb	Developing Innovative Digital Solutions			
		Algorithm Development			
6	26 Feb – 1 Mar	Generating Innovative Digital Solutions			
		Database Building Interface Generation			
7	4 Mar – 8 Mar	Generating Innovative Digital Solutions		IA2 Checkpoint 2 Submit updated A3/A4 documentation	
		Building Object Library Coding Algorithms SQL Queries			
		Generating Innovative Digital Solutions			
		Connecting Interface, Data and Algorithms			
8	11 Mar – 15 Mar	Generating Innovative Digital Solutions			
		Connecting Interface, Data and Algorithms			
9	18 Mar – 22 Mar	Generating Innovative Digital Solutions			
		Connecting Interface, Data and Algorithms			
10	25 Mar – 29 Mar	Thursday 28 March — Cross country / Fun run: Prep – Year 12			
		Friday 29 March — Good Friday			
		Generating Innovative Digital Solutions			
		Connecting Interface, Data and Algorithms			

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Term 2

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Assessment

Supervised assessment Summative exams are to be supervised by the student's official exam supervisor.

Non-supervised assessment Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	15 Apr – 19 Apr	Unit 3: Digital Innovation	Evaluating Innovative Digital Solutions Recording Prototype Video Demonstration Evaluating against criteria Justified recommendations	IA2 Draft Submit full draft (document and video)
2	22 Apr – 26 Apr		Thursday 25 April — Anzac Day IA2 Applying Draft Feedback	
3	29 Apr – 3 May		IA2 Applying Draft Feedback	IA2 Final Submit updated document and video
4	6 May – 10 May	Unit 4: Digital Impacts	Monday 6 May — Labour Day Data Exchanges Data Exchange Considerations Accessing APIs	
5	13 May – 17 May		Encryption Encryption Algorithms Ciphers	
6	20 May – 24 May		Authentication Authentication Strategies Hashing and Checksums Data Compression	
7	27 May – 31 May		Exploring Data Exchange Solutions Problem Decomposition System Modelling (Use Case Diagram, Data Flow Diagram)	IA3 Checkpoint 1 Submit A3 document for Folio Part 1
8	3 Jun – 7 Jun		Developing Data Exchange Solutions Algorithms Interface Design	
9	10 Jun – 14 Jun		Generating Data Exchange Solutions Coding Data Exchange Prototype	
10	17 Jun – 21 Jun		Thursday 20 June — Senior formal: Year 12 Friday 21 June — Athletics carnival / Sports day: Prep – Year 12 Generating Data Exchange Solutions Coding Data Exchange Prototype Evaluating Data Exchange Prototype	IA3 Checkpoint 2 Submit A3 document for Folio Parts 1 and 2

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Term 3

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Assessment

Supervised assessment Summative exams are to be supervised by the student's official exam supervisor.

Non-supervised assessment Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	8 Jul – 12 Jul	Unit 4: Digital Impacts	Digital Impacts Data Privacy Data Security	
2	15 Jul – 19 Jul		Digital Impacts IA3 Folio Part 3 Recording Prototype Video Demonstration	IA3 Draft Submit document and video
3	22 Jul – 26 Jul		IA3 Applying Draft Feedback	
4	29 Jul – 2 Aug		IA3 Applying Draft Feedback	IA3 Final Submit document, video and transcript
5	5 Aug – 9 Aug		Exam Revision Algorithms and Pseudocode Desk Checking	
6	12 Aug – 16 Aug		Wednesday 14 August — Royal Queensland (Ekka) Show Holiday Exam Revision Visual Communication Data Flow Diagrams	
7	19 Aug – 23 Aug		Exam Revision SQL Encryption and Authentication	
8	26 Aug – 30 Aug		Mock exams: Year 12 Monday 26 August – Thursday 29 August Friday 30 August — Student free day Exam Revision Self-directed Revision	
9	2 Sept – 6 Sept		Mock exams: Year 12 Monday 2 September – Friday 6 September Exam Revision Self-directed Revision	
10	9 Sept – 13 Sept		Friday 13 September — Connect excursion: Years 10–12 Exam Revision Networks and Data Security APIs and JSON	

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Term 4

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Assessment	
Supervised assessment	Summative exams are to be supervised by the student's official exam supervisor.
Non-supervised assessment	Students must sign declaration of academic integrity.

Week	Dates	Unit	Topic	Class work / Assessment to be submitted
1	30 Sept – 4 Oct	Unit 4: Digital Impacts	Exam Revision Study and Exam Strategies Individual Targeted Revision	
2	7 Oct – 11 Oct		Monday 7 October — King's Birthday Holiday Exam Revision Individual Targeted Revision	
3	14 Oct – 18 Oct		Exam Revision Individual Targeted Revision	
4	21 Oct – 25 Oct		Exams: Year 12	
5	28 Oct – 1 Nov		Exams: Year 12	
6	4 Nov – 8 Nov		Exams: Year 12	
7	11 Nov – 15 Nov		Exams: Year 12 Monday 11 November – Wednesday 13 November Thursday 14 November — Graduation: Year 12 Friday 15 November — Final day: Year 12	