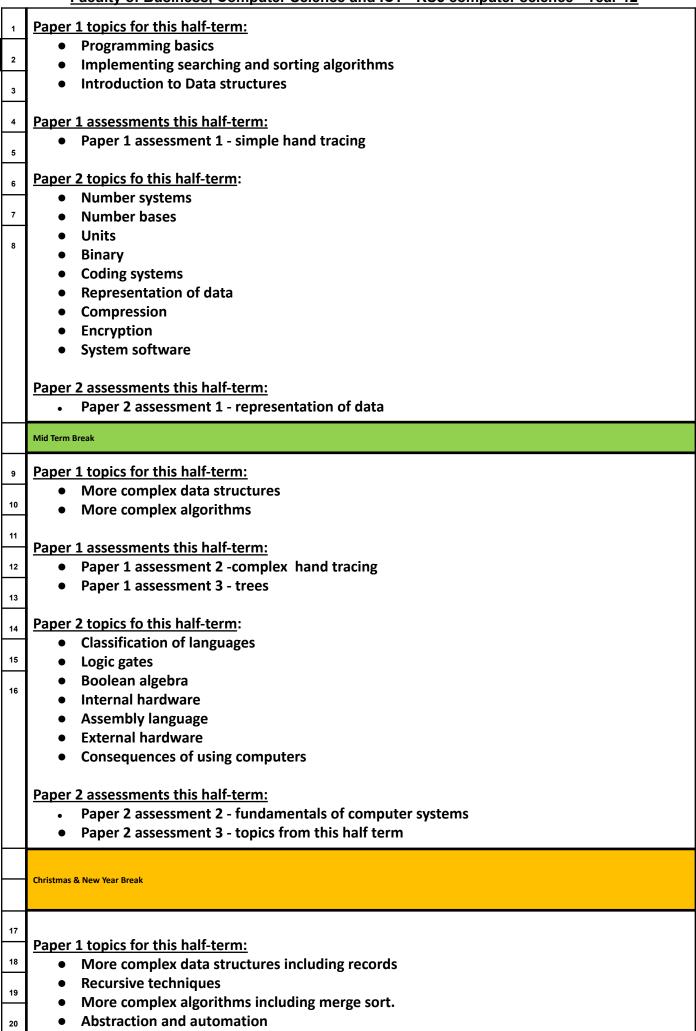
CAMPUS CALENDAR 2024-25

Faculty of Business, Computer Science and ICT - KS5 computer science - Year 12



21				
22	Paper 1 assessments this half-term:			
	Paper 1 assessment 4 - records			
	Paper 2 topics fo this half-term:			
	CommunicationNetworking			
	 Paper 2 assessments this half-term: Paper 2 assessment 4 - networking 			
	Mid Term Break			
23	Paper 1 topics for this half-term: Theory of computation			
24	 Theory of computation Regular languages 			
25	Context free languages			
26	Paper 1 assessments this half-term:			
27	None this half term			
28	Paper 2 topics fo this half-term:			
28	Databases			
29	• SQL			
	Paper 2 assessments this half-term:			
	None this half term			
	Easter Break			
30	Paper 1 topics for this half-term:			
30	Paper 1 topics for this half-term: • More complex data structures including hash tables and stacks			
31	Paper 1 topics for this half-term:			
31	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term:			
31	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term: Paper 1 assessment 5 - finite state machines			
31	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term: Paper 1 assessment 5 - finite state machines Paper 1 assessment 6 - AS paper 1 mock section A only			
31	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term: Paper 1 assessment 5 - finite state machines Paper 1 assessment 6 - AS paper 1 mock section A only Paper 2 topics fo this half-term:			
31	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term: Paper 1 assessment 5 - finite state machines Paper 1 assessment 6 - AS paper 1 mock section A only			
31	Paper 1 topics for this half-term: • More complex data structures including hash tables and stacks • Classification of algorithms Paper 1 assessments this half-term: • Paper 1 assessment 5 - finite state machines • Paper 1 assessment 6 - AS paper 1 mock section A only Paper 2 topics fo this half-term: • Revision of all topics covered so far Paper 2 assessments this half-term:			
31	Paper 1 topics for this half-term: • More complex data structures including hash tables and stacks • Classification of algorithms Paper 1 assessments this half-term: • Paper 1 assessment 5 - finite state machines • Paper 1 assessment 6 - AS paper 1 mock section A only Paper 2 topics fo this half-term: • Revision of all topics covered so far			
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31 32 33	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term: Paper 1 assessment 5 - finite state machines Paper 1 assessment 6 - AS paper 1 mock section A only Paper 2 topics fo this half-term: Revision of all topics covered so far Paper 2 assessments this half-term: Paper 2 assessment 5 - databases Paper 2 assessment 6 - AS paper 2 mock full paper Mid Term Break NEA Intro to Tkinter and sqlite3			
31 32 33 34	Paper 1 topics for this half-term: More complex data structures including hash tables and stacks Classification of algorithms Paper 1 assessments this half-term: Paper 1 assessment 5 - finite state machines Paper 1 assessment 6 - AS paper 1 mock section A only Paper 2 topics fo this half-term: Revision of all topics covered so far Paper 2 assessments this half-term: Paper 2 assessment 5 - databases Paper 2 assessment 6 - AS paper 2 mock full paper Mid Term Break			

Course Information

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<u>Course</u> <u>Structure</u>	The course is assessed through two exams and coursework (NEA). Paper 1 is worth 40% Paper 2 is worth 40% NEA is worth 20% You will hand your coursework in before the Easter break in year 13. You will sit both papers at the end of year 13. Paper 1 is a programming paper that you will do using a computer. Paper 2 is a written paper.			
Assessment	You will be assessed at 6 points throughout the year for both papers. The assessments will be formed of past exam-style content and will be graded with A level grades. Each assessment will be mostly focussed on the topic you have been studying; however, some of the questions will be interleaved (questions from other topics) making it vital that you always revisit topics over and over again.			
<u>Feedback</u>	 You complete the assessment Your teacher will mark the work, giving you strengths that reinforce the positives in your work and targets that directly show you how to improve. Your work will be returned to you and you will fill in a STAR Reflection sheet to help you engage with the feedback and identify how you will improve for next time After reading the detailed feedback your teacher has provided you with, you will improve a part of your work using a purple pen. Your assessments will be placed into assessment folders for the subject 			
Assessment				
Objectives		How do I demonstrate this in my work	Overall weighting	
	<u>AO1</u>	Demonstrate knowledge and understanding of the principle concepts of computer science, including abstraction, logic, algorithms and data representation. This is largely tested in paper 2 and a little in paper 1.	30%	
	AO2	Apply knowledge and understanding of the principles and concepts of computer science, including to analyse problems in computational terms. This is tested in both papers and a little in the NEA.	30%	
	AO3	Design, program and evaluate computer systems that solve problems, making reasoned judgements about these and presenting conclusions. This is tested largely in paper 1 and the NEA and a little in paper 2.	40%	
Study Materials	 Knowledge Organisers Course companions available through the college. Google Classroom Craig 'n' Dave YouTube channel AQA specification, past papers and bank of exam questions Resources written by the team 			
Class Work	You will need to provide a ring binder to keep your notes in. You will be given dividers with lists of all the topics for each section of the course. Your folders will be checked regularly to make sure you are making good quality notes and that your work is well organised.			