



Buddhist Sin Tak College Competitive Programming Team Summer Training Schedule

Session	Date	Lecture A		Lecture B	
		Time	Content	Time	Content
1	3 May 2025 (Sat)	0830 - 1130	Mid Term Examination	/	
2	16 May 2025 (Sat)	1630 - 1730	Mid Term Examination Editorial	/	
3	23 May 2025 (Fri)	1630 - 1730	Regular Training Introduction to DP; Linear DP	/	
4	18 Jun 2025 (Wed)	1400 - 1700	Regular Training Knapsack DP; Interval DP; Rolling Array Optimization	/	
5	27 Jun 2025 (Fri)	1400 - 1700	Regular Training Heap; Binary Search Tree; Disjoint Union Find	/	
6A	8 Jul 2025 (Tue)	1230 - 1330	Team Orientation		
6B	8 Jul 2025 (Tue)	1330 - 1730	Team Mini Competition (I)	1330 - 1730	Regular Training C++ Fundamentals (I): Syntax; Input & Output; Decision
7	18 Jul 2025 (Fri)	0830 - 1130	Regular Training Shortest Path Algorithm; Minimum Spanning Tree	0830 - 1130	Regular Training C++ Fundamentals (II): Iteration; Array
8	25 Jul 2025 (Fri)	0830 - 1130	Regular Training Sparse Table; Fenwick Tree	0830 - 1130	Regular Training C++ Fundamentals (III): String; Common C++ STL
9A	1 Aug 2025 (Fri)	0830 - 1130	Regular Training Segment Tree	0830 - 1130	Regular Training C++ Fundamentals (IV): Functions; Pure simulation
9B	1 Aug 2025 (Fri)	1300 - 1700	Mini Competition (I)		
10A	8 Aug 2025 (Fri)	0830 - 1130	Regular Training Mathematics in OI (I)	0830 - 1130	Regular Training Basic mathematics and related algorithms
10B	8 Aug 2025 (Fri)	1300 - 1700	Team Mini Competition (II)		
11	15 Aug 2025 (Fri)	0830 - 1130	Regular Training More about Trees	0830 - 1130	Regular Training Comparison-based sorting; Counting sort
12A	23 Aug 2025 (Sat)	0830 - 1130	Regular Training Mathematics in OI (II)	0830 - 1130	Regular Training Binary Search
12B	23 Aug 2025 (Sat)	1300 - 1700	Team Mini Competition (II)		
13	30 Aug 2025 (Sat)	0830 - 1230	Final Examination; Final Examination Editorial		
14	Reserved	/	/	/	/

All dates may be fine-tuned due to external competition(s).

Last modified date: 18 May 2025