



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 | 21 Jun 2025 (Sat) | 0830 - 1130 | Regular Training Knapsack DP; Interval DP; Rolling Array Optimization | | / |
| 5 | 28 Jun 2025 (Sat) | 0830 - 1130 | 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