

Quantum Computing

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Plan of Action

Week 1 : Chapter 1 (Overview of Quantum Computing) and Chapter 2
(Mathematical Aspects Involved in QC)

Week 2 : Chapter 3 (Introduction to Computer Science)

Week 3 : Chapter 4 (Quantum Circuits)

Week 4 : Review

Week 5 : Chapter 5 (Fourier Transformation and its Application)

Week 6 : Chapter 5 and initial parts of chapter 6 (Searching Algorithms)

Week 7 : Chapter 6 (and further chapters if possible)

Week 8 : Review and Submission of final report