

# Course Outline

## I: Building Toolkit + Intuition

Application	Toolkit
<ul style="list-style-type: none"> <li>• Cryptography</li> <li>• Quantum Games</li> <li>• Bomb detection</li> <li>• No Cloning</li> <li>• Teleportation</li> </ul>	Quantum bits, quantum measurements Multi-bit systems, entanglement Quantum operations } Quantum Intuition

## II: Algorithms + Computation

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Q: I currently have more of a

A. Fixed Mindset

B. Growth Mindset

Q: When a professor says "We will be working in groups, I feel"

A. Excited

B. Annoyed

C. Dread

D. Meh