

## Syllabus – Quantum Version

### Chapter I. The Business Scenario

Learn a new financial map that shortcuts the time and the effort to become *financially and QML literate*. All via 6 animated video presentations that are easy to follow. These are reinforced with 6 self-grading quizzes, one case study and a final exam.

#### a. The 4 Main Players

This part shows how just 4 fundamental players: *sales, expenses, assets* and *funds* set the stage where all financial transactions in a business take place.

#### b. The Derived Players

A detail of the players or accounts that lie beneath the 4 main players. For instance, beneath *assets*, we have *current assets, fixed assets* and *other assets*. This part clarifies the meaning behind the chart of accounts that make up financial statements.

#### c. The 12 Double-entries that Link the Stage

A description of what double-entries are, how they work and why they come from just 12 possibilities. Understanding these 12 double-entries will demystify the *debts and credits* ordeal once and for all.

### Chapter II. Building and Evaluating Financial Statements

By completing an interactive case study, you will learn how to build financial statements from scratch, one double-entry at a time. You will also perform basic financial analysis through *return on investment (ROI)* and *current ratio*, which will help you evaluate the financial position of a business. This chapter will help you understand the meaning behind the numbers in financial statements.

### Chapter III. Using Financial Qbits QML Postulates for QML Literacy

Here, you will study the QML postulates of: Pixelation/discreteness, emergence, superposition, time-reversibility, entanglement, operators, Meta-learning, concept encoding at different layers of abstraction and information reuse (AKA: information recycling). You will then reinforce what you learned with a self-grading quiz that will test your knowledge of these exotic concepts. This chapter will give you a basic understanding of the theoretical framework behind quantum computing and deep learning.