

# Financial Modeling Techniques

GoSkills online course syllabus

Tuesday, May 14, 2024

**Skill level**

Intermediate

**Lessons**

59

**Accredited by**

CPD

**Pre-requisites**

None

**Video duration**

5h 45m

**Estimated study time**

29h 30m for all materials

**Instructor**

Liam Bastick

## Overview

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### 1 Overview

Quick review on the essential skills and topics brought up in the Financial Modeling Basics course.

## Financial Statement Theory

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### 2 Financial Statement Types

What are the Financial Statement Types, what do they tell us, and an overview of some of the line items in them.

### 3 Income Statement

What is the Income Statement, what does it tell us, and an overview of some of the line items in it.

### 4 Balance Sheet

What is the Balance Sheet, what does it tell us, and an overview of some of the line items in it.

### 5 Cash Flow Statement

What is the Cash Flow Statement, what does it tell us, and an overview of some of the line items in it.

### 6 Three Way Integrated Financial Statements

Link the three financial statements together and explain how it flows through.

### 7 Control Accounts

Explain the importance control accounts play in balancing the model when used effectively. When to create control accounts, how to create them and where to link their line items.

**8**     **Constructing Basic Financial Model**  
How to construct the Financial Statements in basic financial modeling.

**9**     **Eating an Elephant**  
How to construct a basic Financial Model by breaking it down into constituent parts.

**10**   **Importance of Checks**  
Why are checks in models important and how to add the checks worksheet system.

## Timing Sheet

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**11**   **Exploring the Model Base**  
An overview of what is required to build a Financial Model.

**12**   **Creating a Timing Sheet**  
How to create a timing sheet to be used in building a Financial Model.

**13**   **Creating a Timing Sheet Part B**  
A continuation of how to create a timing sheet to be used in building a Financial Model.

## Adding and Linking the Financial Statements

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**14**   **The Income Statement**  
How to add Financial Statements to the model in particular the Income Statement.

**15**   **Adding Financial Statements**  
How to build the Financial Statements into the model.

**16**   **Checking Again**  
Understand the different types of checks required when building a Financial Model and how to add them into the model.

**17**   **Checking Again Part 2**  
A continuation of understanding the different types of checks required when building a Financial Model and how to add them into the model.

**18**   **Linking the Financial Statements**  
How are the Financial Statements linked?

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## Linking the Financial Statements Part 2

A continuation on how the Financial Statements are linked.

## Revenue

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### 20 Revenue Introduction

Explanation of what revenue is.

### 21 Modeling Revenue Part 1

How to model revenue.

### 22 Four Types of Inputs

Define and highlight the differences between the four different input methods.

### 23 Working Capital Adjustments Part 1

Understand Working Capital.

### 24 Working Capital Adjustments Part 2

Understand Receivables as a part of Working Capital.

### 25 Revenue Part 2 - Control Accounts

Understanding Revenue with the use of Control Accounts.

## Cost of Goods Sold (COGS)

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### 26 COGS

Explanation of how to build COGS into the financial statement.

### 27 COGS Part 2

A continuation of an explanation of how to build COGS into the financial statement.

### 28 COGS Part 3 (Inventory)

A continuation of an explanation of how to build COGS into the financial statement.

### 29 COGS Part 4 (Inventory)

A continuation of an explanation of how to build COGS into the financial statement.

**30** COGS Part 5 (Inventory)  
A continuation of an explanation of how to build COGS into the financial statement.

**31** COGS Part 6 (Inventory)  
A continuation of an explanation of how to build COGS into the financial statement.

## Operating Expenditure (OPEX)

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**32** OPEX Part 1  
Explanation of what should be considered as OPEX.

**33** OPEX Part 2  
How to calculate OPEX using the Combination method.

**34** OPEX Part 3  
How to calculate the OPEX Control Account and input into the Financial Statements.

## Capital Expenditure (CAPEX)

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**35** CAPEX Part 1  
Explanation of what should be considered as CAPEX.

**36** CAPEX Part 2  
How to calculate depreciation.

**37** CAPEX Part 3  
How to calculate the CAPEX Control Account and input into the Financial Statements.

## Debt

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**38** Debt Part 1  
Explanation of Debtors.

**39** Debt Part 2  
How to calculate the Control Account for Debt and input into the Financial Statements.

- 40 Debt Part 3  
How to calculate the Control Account for Interest Payable and input into the Financial Statements.
- 41 Interest Received  
Understand Interest Received.
- 42 Interest Received Part 2  
How to calculate Interest Receivable.
- 43 Interest Received Part 3  
How to calculate the Control Account for Interest Receivable and input into the Financial Statements.

## Tax

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- 44 Tax Part 1  
What is Tax?
- 45 Tax Part 2  
Understand the differences between Accounting and Tax treatments.
- 46 Tax Part 3  
What is a DTA and a DTL?
- 47 Tax Part 4  
How to calculate Tax Expense.
- 48 Tax Part 5  
How to calculate Tax Depreciation.
- 49 Tax Part 6  
How to calculate the DTLs.
- 50 Tax Part 7  
How to calculate Tax Payable and Tax Losses.
- 51 Tax Part 8  
How to calculate DTAs.

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## Tax Part 9

How to calculate the Tax Control Account and input into the Financial Statements.

## Equity

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## Equity Part 1

Explaining the concept of Equity.

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## Equity Part 2

How to calculate the Equity Control Account and input into the Financial Statements.

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## Equity Part 3

How to calculate the Dividend Payable Control Account and input into the Financial Statements.

## Completing the Balance Sheet

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## Completing the Balance Sheet

How to add the final touches to complete the Balance Sheet.

## Indirect Cash Flow

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## Indirect Cash Flow

How to calculate Net Operating Cashflow using the Indirect Cashflow method.

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## Indirect Cash Flows Checks

How to add Indirect Cashflow Statement checks.

## Summary

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## Summary

A summary of what we covered in the Financial Modeling Techniques course.