

## Creating Rules Using Calc Manager in Oracle Hyperion Financial Management

### Course Description

**Course Name:** Creating Rules Using Calc Manager in Oracle Hyperion Financial Management  
**Course Number:** O-HFM-RULES-CM  
**Duration:** 4 Days

The Creating Rules Using Calculation Manager Oracle Hyperion Financial Management (HFM) course is designed to guide seasoned HFM Administrators and Power Users through an in-depth and practical approach to building new rules, from the basic to the advanced, and to understanding and enhancing current rule sets within applications.

Starting with a rules introduction, students will extract, backup and perform basic rules editing from within an existing application. Once these basic concepts are understood, the student will learn specific techniques for rules creation, such as utilizing Member Lists, dynamic rules creation, and utilizing variables.

The student will then be introduced to advanced rules writing techniques. Topics such as Beginning Retained Earnings roll forward, transferring Current Net Income to the Balance Sheet, Translation – dollar override, forecasting, and ratios. After completing these topics, the student will work through an in depth case study enabling them to apply their newly acquired skills to developing a basic cash flow.

This course is very intense and not intended for the new HFM user or Administrator.

#### Who Should Attend

- System Administrators
- Application Developers
- Power Users

#### Prerequisites

- Basic Microsoft Windows skills
- Knowledge of spreadsheets
- Working knowledge of accounting
- Working knowledge of Hyperion Financial Management

#### Course Information

**Advance Preparation:** None  
**Program Level:** Advanced  
**Delivery Method:** Group – Live  
**CPE Credit:** 32 credits in Specialized Knowledge and Applications

**Course Registration:** 203-941-0714 or online at <http://www.compintelligence.com>  
**Policies:** For information regarding cancellations, refunds, or other questions, contact us at 203-941-0714 or [education@compintelligence.com](mailto:education@compintelligence.com)



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## Creating Rules Using Calc Manager in Oracle Hyperion Financial Management

### Course Outline

#### 1 Introduction to HFM Rules

##### Oracle Hyperion Financial Management

##### HFM Overview

##### HFM Task Flow

##### Enterprise Performance Management Overview

##### Oracle Hyperion EPM Workspace

Foundation Tier

Product Tier

Application Tier

Web Tier

##### Help Information

##### Summary

##### HFM Dimensions

##### Dimensions Overview

Entity Dimension Hierarchy

Period Dimension Hierarchy

Account Dimension Hierarchies

Fixed Dimensions

Custom Dimensions (1-xx)

##### Leading Practices

Define Dimension Hierarchies

Define Dimension Labels

Define Labels without Spaces

Define Labels Using Existing Labels

Define a Reasonable Number of Years

Avoid Using the Weeks or a 13th Month Field in the Period Dimension

Define View Labels Using Abbreviations

##### Summary

##### HFM Default Calculations

##### Default Calculations Overview

##### Consolidation

##### Value Dimension

Value Adjustment Members

[None] Value Member

Value Dimension Consolidation Process

##### Translation Process

Account Dimension – FX Rates

Currencies

AppSettings

##### Intercompany Elimination and Consolidation Process

Intercompany Metadata Setup

Intercompany Metadata Setup – Entities

Intercompany Metadata Setup – Intercompany Accounts

The IsICP Account Flag

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## Course Outline

- Account Dimension – ICPTopMember
- IsICP Account Flag to Y for account 22100 (Intercompany Payables)
- The Plug Account
- Account 22100 – Plug Account 22200
- Intercompany Elimination and Consolidation

### Summary

### HFM Rules

#### Rules Overview

#### Leading Practices

- Consolidation Rules
- Translation Process
- Intercompany Elimination – Base Entities

### Summary

## 2 Commonly-used Visual Basic Functions and Commands

### Functions and Commands

#### If...Then

#### For... Next

#### Case

#### Sub...End Sub

#### Call

#### Function...End Function

#### Create a Subroutine or Function in Calc Manager

#### Sequence of Execution

#### Circular Account References, Clearing Mechanisms, and Data Explosion

### Summary

## 3 Rules Functions and Methods

### Rulesets

#### System Defined Rulesets

- Calculate()
- Translate()
- Allocate()
- NoInput()
- Consolidate()
- Dynamic()
- Input()

#### Basic Rules – HS.EXP and General Syntax

#### Other Common Functions

- HS.CLEAR
- HS.VALUE.MEMBER
- HS.ENTITY.MEMBER
- HS.SCENARIO.MEMBER
- HS.VALUE.ISTRANSCUR
- HS.YEAR.MEMBER
- HS.PERIOD.MEMBER
- HS.ENTITY.ISBASE
- HS.GETCELL

# Creating Rules Using Calc Manager in Oracle Hyperion Financial Management

## Course Outline

UCASE

Rules Considerations and Leading Practices  
Summary

### 4 Extract, Edit, Test, and Deploy Rules

Create Backups and Fallback Plans  
Backups and Fallback Plans  
Summary

Quick Rule Editing  
Edit a Rule  
Summary

Deploy and Test Rule Changes  
Summary

Compare Scripts  
Summary

### 5 Member Lists, Variables, and Other Rules Dynamics

Create Member List Files

Member Lists  
Create Member List Files

EnumMemberLists  
EnumMembersInList

Load and Extract Member Lists

Load member lists  
Extract member lists

Leading Practices  
Summary

Variables

Create Variables  
Pass Variables to Subroutines  
Summary

### 6 Build Rules

Build Basic Rules

Basic Rules Overview  
Impact Status  
Beginning Balance Roll Forward  
Net Income Transfer to Balance Sheet  
Calculate the Balance Account  
Copy Actuals to Actual Budget  
Summary

Translation and Dollar Overrides

Default Translation Methods  
Application Metadata Settings  
Application Design Considerations  
Default Translation

Translation Rules

Application Design Consideration – Execution Order

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## Course Outline

- Dollar Override Accounts – Concept
- The GetCell Function
- Dollar Override Example – No Flows
- Dollar Override Example – Opening Balance
- Dollar Override Example – Current Activity
- Currency Translation Adjustment (CTA)

### Summary

### Flows

#### Flows Overview

#### PP&E Flow Summary – Input Currency

- Suggested Metadata Setup for PP&E Flows

#### PP&E Flows – PVA Translation Overview

- Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments
- PP&E Flows – Rules Description
- Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments
  - Exchange Adjustment – Part One
  - Exchange Adjustment – Part Two

### Summary

### Advanced Forecasting

#### Case Study: Rolling Forecast

- Work with Variables
- Set Forecast Equal to Actual

#### The NoInput Subroutine

#### Forecast Rules – Even Spread

#### Forecast Rules – Seasonal Spread

### Summary

### Ratios and More Complex Calculations

#### Ratios Overview

- Return on Assets %
- Annualized Net Profit – Account 65001
- Average (13-point) Total Assets – Account 65002
- Return on Assets (ROA %) – Account 65000
- Days Sales Outstanding (DSO)
  - A Simple DSO Example
- DSO Rules Description
  - Logic for Days in Month Account
  - Logic for DSO Calculation

### Summary