

## Creating Classic Rules in Oracle Hyperion Financial Management

### Course Description

**Course Name:** Creating Classic Rules in Oracle Hyperion Financial Management  
**Course Number:** O-HFM-RULES-C  
**Duration:** 4 Days

The Creating Classic Rules in 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 classic 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, student will work through an in depth case study enabling them to apply their newly acquired skills to developing a basic cash flow.

The course wraps up with a demonstration of how to convert classic rules to EPM and a walkthrough of the Calculation Manager. 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)



CompIntelligence, Inc. is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have the final authority on the acceptance of individual courses for CPE credit. Complaints regarding registered sponsors may be submitted to the National Registry of CPE Sponsors through its website: [www.learningmarket.org](http://www.learningmarket.org).

## Creating Rules in Oracle Hyperion Financial Management

### Course Outline

#### 1 Introduction to HFM Rules

##### Lesson 1. 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

##### Lesson 2. HFM Dimensions

**Dimensions Overview**

Entity Dimension Hierarchy

Period Dimension Hierarchy

Account Dimension Hierarchies

Fixed Dimensions

Custom Dimensions (1-4)

**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**

##### Lesson 3. 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**

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

- Intercompany Metadata Setup
  - Intercompany Metadata Setup – Entities
  - Intercompany Metadata Setup – Intercompany Accounts
  - The ISICP Account Flag
  - ISICP Account Flag to Y for account 20300
  - The Plug Account
  - Account 20300 – Plug Account 22200
  - Account Dimension – ICPTopMember
- Intercompany Elimination and Consolidation

### Summary

## Lesson 4. HFM Rules

### Rules Overview

### Leading Practices

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

### Summary

## 2 Commonly-used Visual Basic Functions and Commands

### Lesson 1. Functions and Commands

If...Then

For... Next

Case

Sub...End Sub

Call

Function...End Function

Sequence of Execution

Circular Account References, Clearing Mechanisms, and Data Explosion

Summary

## 3 Rules Functions and Methods

### Lesson 1. Routines

#### System Defined Subroutines

Calculate()

Translate()

Allocate()

NoInput()

Consolidate()

Dynamic()

Input()

Eliminate()

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

#### Other Common Functions

HS.CLEAR

HS.VALUE.MEMBER

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

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

- Rules Considerations and Leading Practices
- Summary

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

- Lesson 1. Use the New Test Application
  - Extract Rules and Other Application Components
  - Summary
- Lesson 2. Quick Rule Editing
  - Edit a Rules File
  - Summary
- Lesson 3. Deploy and Test Rule Changes
  - Determine Fallback Plan
  - Summary

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

- Lesson 1. Create Member List Files
  - Member Lists
  - Create Member List Files
    - EnumMemberLists
    - EnumMembersInList
  - Load and Extract Member Lists
    - Load member lists
    - Extract member lists
  - Summary
- Lesson 2. Variables
  - Create Variables
  - Pass Variables to Subroutines
  - Summary

### 6 Build Rules

- Lesson 1. Build Basic Rules
  - Basic Rules Overview
  - Beginning Balance Roll Forward
  - Net Income Transfer to Balance Sheet
  - Calculate the Balancing Account
  - Summary
- Lesson 2. Translation and Dollar Overrides

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

### Default Translation Methods

- Application Metadata Settings
- Application Design Considerations
- Default Translation

### Translation Rules

- Application Design Consideration – Execution Order
- 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

## Lesson 3. 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
- Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments
- Opening Balances
- Exchange Impact – Opening Balances
- Additions, Disposals and Other Adjustments
- Exchange Adjustments

### Summary

## Lesson 4. 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

## Lesson 5. Ratios

# Creating Rules in Oracle Hyperion Financial Management

## Course Outline

### Ratios Overview

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

### Summary

## 7 Calculation Manager Demonstration

### Lesson 1. Calculation Manager

#### Calculation Manager Overview

- Calculation Manager Flowcharts
- Calculation Manager Views

#### Business Rules Creation Overview

- Edit a Business Rule
- Edit a Business Rule in Script Mode

#### Business RuleSets Creation Overview

- Create a Business RuleSet
- Design a Business RuleSet
- Add a Business Rule to a RuleSet

### Summary

## 8 Case Study: Create Cash Flow

### Cash Flow Overview

- Cash Flow Accounts
- Cash Flow Analysis – Custom 4
- Basic DFB Function
- Advanced DFB Function
- Account by Account Cash Flow Guidelines

### Local Currency Cash Flow

- Write DFB function
- Write Cash Flow Rules Using DFB Function
- Verify Local Currency Results

### Translated Cash Flow

- Currency Considerations
- Translated Currency Cash Flow