

# BOCE20

## SAP Crystal Reports for Enterprise: Advanced Report Design

### COURSE OUTLINE

Course Version: 15

Course Duration: 3 Day(s)

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# Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>



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# Course Overview

## TARGET AUDIENCE

This course is intended for the following audiences:

- Project Stakeholder
- Developer
- System Administrator



## Lesson 1: Creating a Report with Running Totals

### Lesson Objectives

After completing this lesson, you will be able to:

- Create Running Totals



## Lesson 1: Using String Functions and Operators

### Lesson Objectives

After completing this lesson, you will be able to:

- Use string functions and operators

## Lesson 2: Using Date and Time Functions

### Lesson Objectives

After completing this lesson, you will be able to:

- Use date and time functions



## Lesson 1: Creating Control Structures

### Lesson Objectives

After completing this lesson, you will be able to:

- Create control structures





## Lesson 1: Creating Variables

### Lesson Objectives

After completing this lesson, you will be able to:

- Create variables



## Lesson 1: Creating Arrays and User Functions

### Lesson Objectives

After completing this lesson, you will be able to:

- Create arrays and user functions



## Lesson 1: Describing Loops in Reports

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe loops in reports



## Lesson 1: Using Parameters, Filters, and Prompts

### Lesson Objectives

After completing this lesson, you will be able to:

- Create a report with a Static parameter





## Lesson 1: Using Different Types of Parameters

### Lesson Objectives

After completing this lesson, you will be able to:

- Use different types of parameters



## Lesson 1: Using a Cascading Prompt

### Lesson Objectives

After completing this lesson, you will be able to:

- Use a Cascading Prompt

## Lesson 2: Building a Report with Multiple Parameters

### Lesson Objectives

After completing this lesson, you will be able to:

- Use Multiple Parameters



## Lesson 1: Defining Crosstabs

### Lesson Objectives

After completing this lesson, you will be able to:

- Build a crosstab

## Lesson 2: Formatting Crosstabs

### Lesson Objectives

After completing this lesson, you will be able to:

- Format crosstabs

## Lesson 3: Formatting Crosstabs Conditionally

### Lesson Objectives

After completing this lesson, you will be able to:

- Format a *crosstab* field conditionally



## Lesson 1: Using Calculated Members

### Lesson Objectives

After completing this lesson, you will be able to:

- Use calculated members

## Lesson 2: Adding Formulas to Calculated Members

### Lesson Objectives

After completing this lesson, you will be able to:

- Add calculation formulas

## Lesson 3: Displaying Hierarchies in Crosstabs

### Lesson Objectives

After completing this lesson, you will be able to:

- Select a hierarchy object





## Lesson 1: Using the Report Processing Model

### Lesson Objectives

After completing this lesson, you will be able to:

- Use the Report Processing Model



## Lesson 1: Defining Subreports

### Lesson Objectives

After completing this lesson, you will be able to:

- Define subreports



## Lesson 1: Using Subreports

### Lesson Objectives

After completing this lesson, you will be able to:

- Use subreports



## Lesson 1: Linking a Subreport to the Main Report

### Lesson Objectives

After completing this lesson, you will be able to:

- Link a subreport to the main report

## Lesson 2: Creating On-Demand Subreports

### Lesson Objectives

After completing this lesson, you will be able to:

- Create an on-demand subreport
- Add captions to subreports





## Lesson 1: Using Advanced Subreport Features

### Lesson Objectives

After completing this lesson, you will be able to:

- Use advanced subreport features



## Lesson 1: Grouping Hierarchical Data

### Lesson Objectives

After completing this lesson, you will be able to:

- Group data hierarchically



## Lesson 1: Using Form Letters, Dynamic Graphics and Hyperlinks

### Lesson Objectives

After completing this lesson, you will be able to:

- Use form letters, dynamic graphics and hyperlinks



## Lesson 1: Using Additional Report Features

### Lesson Objectives

After completing this lesson, you will be able to:

- Use additional report features