

# COURSE OUTLINE

## Model Validation and Metrics in MagicDraw

Module

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### Course Introduction

Module

**02**

### Introduction to Model Validation

- Overview
- Validation Suites
- Validation Rules
- Predefined Validation Suites
- SAIC DE Profile
- Running Validation
- Demo

Module

**03**

### Developing Custom Validation Suites

- Overview
- Operations (Definition & Usage)
  - Simple Navigation
  - Metachain Navigation
- Metachain Helper Functions
- Demo

Module

**04**

### Introduction to Model Metrics

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- Metric Suites
- Parameter Definition
- Metric Definition
- Validation-Based Metric Definition
- Metric Tables
- Best Practices

Module  
**05**

## Predefined SysML Metric Suites

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- Predefined SysML Metric Suites
  - Treat Owner as Grouping
  - Treat Owner as Requirement
- Creating Metric Tables
- Demo

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## Developing Custom Metric Suites

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- Profile Diagram
- General Process for Developing Metrics
- Accessing Other Metric and Parameter Definitions
  - Overview
  - Accessing Values
- Demo