



Creo Elements/Direct LISP Advanced

Curriculum Guide

Course Code: M909W (Internet version)

Course Length: 3 days each time 3 hours/day through internet

Overview

In this course the students will learn the advanced methodologies, options and programming commands of Creo Elements/Direct LISP.

For every topic the students will be also instructed on tips and best practices.

Course Objectives

This course will provide students with:

- An understanding of Advanced commands of LISP inside Creo Elements/Direct .
- An understanding of the tools and possibilities of developing professional applications with LISP language.

At the end of the training, students will have enough information to write advanced LISP examples for Creo Elements/Direct.

Prerequisites

The student must be able to have an understanding of programming concepts.

The student must have current experience with Creo Elements/Direct Modeling.

The student must have the basic knowledge of LISP for Creo Elements/Direct Modeling.

Audience

Programmers

Mechanical engineers

Content

1.Session

- 1.1 Debugging and avoiding system crashes

2.Session

- 2.1 Creating Icons and Fluent UI menus
- 2.2 Working with events
- 2.3 Logical tables
- 2.4 User defined attributes
- 2.5. Feedbacks and Feedback Elements
- 2.6 Persistent Data Storage
- 2.7 Model Manager Connection

3.Session

- 3.1 Connection to external programs by DDE communication
- 3.2 MELs licensing and and compilation of LIPS programs
- 3.3 Tips and Tricks and recapitulation of the course in detail