



# Creo Parametric 3.0: Mechanism Design

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## Creo Parametric 3.0: Mechanism Design By Ascent - Center for Technical Knowledge

In the *Creo Parametric 3.0: Mechanism Design* student guide, you will learn how to simulate assembly motion in Creo Parametric using the Mechanism Design Extension. You analyze the results to verify the design requirements, and create animations of the assembly using the Design Animation option. This hands-on student guide contains numerous practices.

### Topics Covered

- MDX interface
- Basic assembly connections
- Drag
- Snapshot configurations
- Joint axis settings
- Servo Motors
- Motion playback
- Measure analysis
- Advanced connections
- Create movies and images
- Design Animation
- Key frame sequences
- Motion envelopes
- Trace curves
- Interference checks

### Prerequisites

*Creo Parametric: Introduction to Solid Modeling* or *Creo Parametric: Advanced Assembly Design and Management* (Highly Recommended).

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#### About the Author

ASCENT develops and produces a wide range of courseware offerings, knowledge products, and courseware for the industry's leading engineering software tools from Autodesk, Dassault Systèmes, and PTC.

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