



ESI ITI Academy Dates 2019

www.simulationx.com/academy

Quarter I

Introduction to SimulationX I – Fundamentals	26/03/2018
Mechanics (1D)	27/03/2018
Hydraulics	28/03/2018

Quarter II

Introduction to SimulationX I – Fundamentals	04/06/2018
Introduction to SimulationX II – Advanced Modeling	05/06/2018
Drive Systems	06/06/2018

Quarter IV

Introduction to SimulationX I – Fundamentals	12/11/2018
Mechanics (1D)	13/11/2018
Hydraulics	14/11/2018

By prior appointment

Acoustics (1D)

Code-Export

Control Engineering

Debugging and Model Optimization

Specialization: Torsional Vibration Analysis (TVA)

Specialization: Combustion Engines

Electrical Power and Communication Analysis (1D)

Electronics, Magnetics

Vehicle Dynamics

Fault Tree Analysis and SafetyDesigner

FEM- and CAD-Import

Hybrid Powertrains

Mechatronics

Interfaces

Sensitivity analysis, optimization and calibration of SimulationX models with optiSLang

HVAC and Power Generation

Modelica

Introduction to SimulationX III – Methods for Calculations and Analyses

Specialization: Transmissions

Steady-State Simulation



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