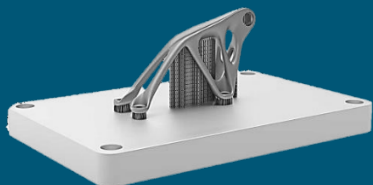


Course/Topic

Altair Solution

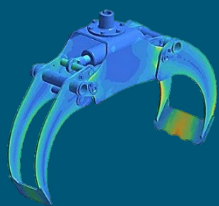
Free Learning Collateral

DIGITAL MANUFACTURING
Emphasis: 3D printing & light-weighting



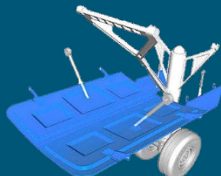
Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Inspire						
Inspire Cast						
Inspire Print3D						
Inspire Form						
Inspire Extrude Metal						
Inspire Extrude Polymer						

STRUCTURAL ANALYSIS
Emphasis: FEA & Topology Optimization



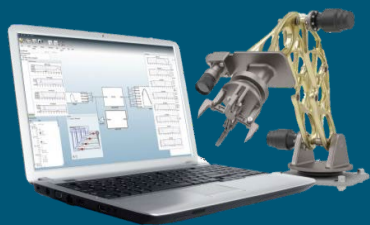
Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Inspire						
SimSolid						
HyperMesh						
OptiStruct						
HyperView						
SimLab						

KINEMATICS & DYNAMICS
Emphasis: Multi-body Simulation



Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Inspire (Motion)						
MotionSolve & MotionView						
EDEM						
Activate						
Compose						

MECHATRONICS & ROBOTICS
Emphasis: Multi-body Simulation & Controls



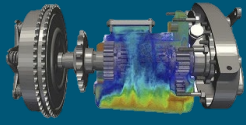
Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Activate						
MotionSolve & MotionView						
Flux						
Embed						
Inspire						
Compose						

ELECTROMAGNETICS
Emphasis: Antenna Design, EMC, Wireless



Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Feko						
WinProp						
Embed						
Compose						
Activate						

COMPUTATIONAL FLUID DYNAMICS (CFD)
 Emphasis: External Aerodynamics,
 Fluids and Thermal



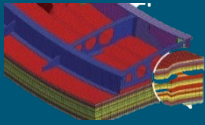
Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
UltraFluidX						
HyperWorks						
AcuSolve						
SimLab						
Virtual Wind Tunnel						

EXPLICIT ANALYSIS
 Emphasis: Crash and Impact



Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
HyperView						
HyperMesh						
Radioss						
HyperGraph						

COMPOSITE ANALYSIS
 Emphasis: Composite Laminates, Material
 Behaviour



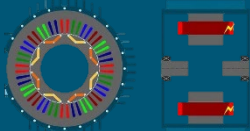
Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
OptiStruct						
HyperView						
HyperMesh						
Multiscale Designer						
ESAComp						

DESIGN OF EXPERIMENTS
 Emphasis: Optimization, Stochastic design



Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
HyperStudy						

ELECTRICAL DESIGN
 Emphasis: Sensors, eMotor















Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Flux						
FluxMotor						

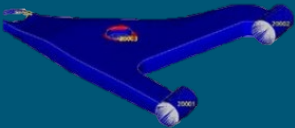



















INDUSTRIAL DESIGN
 Emphasis: Sketching, Rendering

























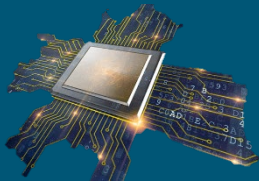




























Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Inspire Studio						
Inspire Render						
Thea Render						

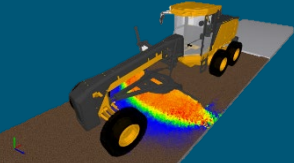





<p>DATA ANALYTICS & AI Emphasis: Data preparation, Machine Learning</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
	Knowledge Studio						
	Monarch						

<p>INTERNET OF THINGS Emphasis: Smart Products, Applications</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
	SmartWorks						

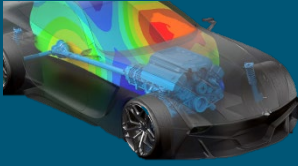
<p>DURABILITY Emphasis: Fatigue Analysis</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
	HyperLife						
	OptiStruct						
	HyperView						
	HyperMesh						

<p>AEROSPACE Emphasis: Optimization, Analysis, Simulation</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
	HyperWorks						
	OptiStruct						
	HyperView						
	HyperMesh						

<p>ELECTRONIC SYSTEM DESIGN Emphasis: Design Automation, Semiconductors</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
	Embed						
	Feko						
	SimLab						
	Flux						
	Activate						
	FluxMotor						

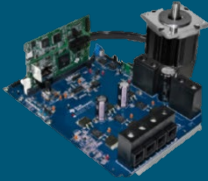
<p>DISCRETE ELEMENT METHOD Emphasis: Material Simulation</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
	EDEM						

NOISE, VIBRATION, HARSHNESS
 Emphasis: Rattle Phenomena, NVH
 Performance



Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
OptiStruct						
HyperView						
HyperMesh						
Compose						
Squeak & Rattle Detector						

SYSTEMS MODELLING
 Emphasis: Embedded systems,
 Electrical/Mechanical Models



Product Page	eBook	eLearning	Certification	Tutorials	Community	Webinars
Compose						
Activate						
Embed						