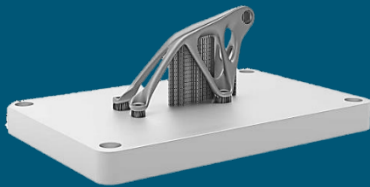


Course/Topic

Altair Solution

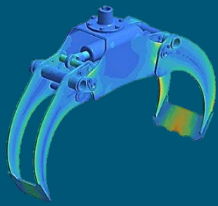
Free Learning Collateral

DIGITAL MANUFACTURING
Emphasis: 3D printing & light-weighting



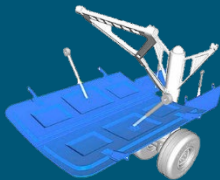
Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
Inspire						
Inspire Cast						
Inspire Print3D						
Inspire Form						
Inspire Extrude Metal						
Inspire Extrude Polymer						

STRUCTURAL ANALYSIS
Emphasis: FEA & Topology Optimization



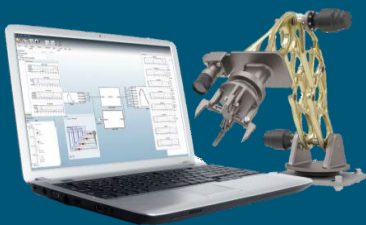
Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
Inspire						
SimSolid						
HyperMesh						
OptiStruct						
HyperView						
SimLab						

KINEMATICS & DYNAMICS
Emphasis: Multi-body Simulation



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

MECHATRONICS & ROBOTICS
Emphasis: Multi-body Simulation & Controls

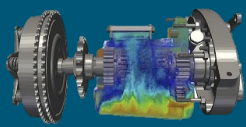


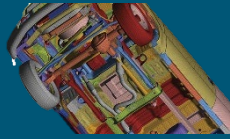
Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
Activate						
MotionSolve & MotionView						
Flux						
Embed						
Inspire						
Compose						

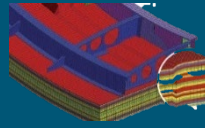
ELECTROMAGNETICS
Emphasis: Antenna Design, EMC, Wireless




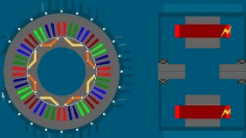
Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
Feko						
WinProp						
Embed						
Compose						
Activate						


COMPUTATIONAL FLUID DYNAMICS (CFD) Emphasis: External Aerodynamics, Fluids and Thermal 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	UltraFluidX						
	HyperWorks						
	AcuSolve						
	SimLab						
	Virtual Wind Tunnel						


EXPLICIT ANALYSIS Emphasis: Crash and Impact 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	HyperView						
	HyperMesh						
	Radioss						
	HyperGraph						


COMPOSITE ANALYSIS Emphasis: Composite Laminates, Material Behaviour 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	OptiStruct						
	HyperView						
	HyperMesh						
	Multiscale Designer						
	ESAComp						

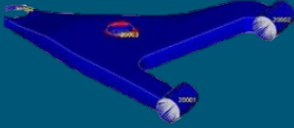
DESIGN OF EXPERIMENTS Emphasis: Optimization, Stochastic design 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	HyperStudy						


ELECTRICAL DESIGN Emphasis: Sensors, eMotor 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	Flux						
	FluxMotor						

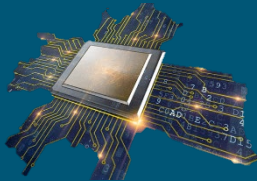
SYSTEMS MODELLING Emphasis: Embedded systems, Electrical/Mechanical Models 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	Compose						
	Activate						
	Embed						

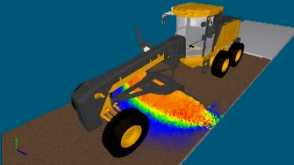
<p>DATA ANALYTICS & AI Emphasis: Data preparation, Machine Learning</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	Knowledge Studio						
	Monarch						

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

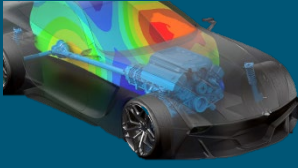
<p>DURABILITY Emphasis: Fatigue Analysis</p> 	Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
	HyperLife						
	OptiStruct						
	HyperView						
	HyperMesh						

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

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

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

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



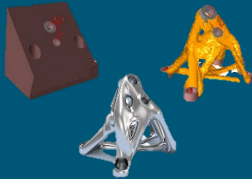
Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
OptiStruct						
HyperView						
HyperMesh						
Compose						
Squeak & Rattle Detector						

INDUSTRIAL DESIGN
 Emphasis: Sketching, Rendering



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

OPTIMIZATION
 Emphasis: Topology Optimization, Weight reduction



Product Page	eBook	eLearning	Certification	Tutorials	Community	Curriculum
Inspire						
OptiStruct						
HyperView						
HyperMesh						