

GLOSSARY

ACIS	Alan, Charles, Ian, and Spatial
AEC	Architecture Engineering Construction
AM	Additive Manufacturing
APDL	ANSYS Parametric Design Language
API	Application Programming Interface
ASM	Assembly
BIW	Body in White
BMI	Body Mass Index
BOM	Bill Of Materials
CAD	Computer Aided Design
CADAM	Computer-Augmented Design and Manufacturing
CAE	Computer Aided Engineering
CAM	Computer Aided Manufacturing
CATIA	Computer-Aided Three-Dimensional Interactive Application
CDIO	Conceive, Design, Implement, and Operate
CFD	Computational Fluid Dynamics
CLIP	Continuous Liquid Interface Production
CME	Coronal Mass Ejection
CMM	Coordinate Measuring Machine
CSG	Constructive Binary Solid Geometry
DOS	Disk Operating System

DRW	Drawing
ECAD	Electronic and Electrical Computer-Aided Design
EDM	Electronic Distance Measurement
EES	Engineering Equation Solver
FDM	Finite Difference Method
FEM	Finite Element Method
FVM	Finite Volume Method
GPS	Global Positioning System
GUI	Graphical User Interface
HG	Heat Generation
I/O	Input/Output
ISS	International Space Station
KISS	Keep It Simple, Stupid
KML	Keyhole Markup Language
LED	Light Emitting Diode
LEED	Leadership in Energy and Environmental Design
LL	Low Lead
MBSE	Model Based Systems Engineering
MCAD	Mechanical Computer Aided Design
ME	Material Extrusion
MEMS	Micro-Electro-Mechanical Systems
MIT	Massachusetts Institute of Technology
Muda	Futility, Uselessness, and Wastefulness
OAI	Object Action Interface
ODE	Ordinary Differential Equations
OpenCL	Open Computing Language
OpenMP	Open Multi-Processing
PBF	Powder Bed Fusion
PDE	Partial Differential Equation
PLM	Product Lifecycle Management
PRT	Part
Revit	Revise-Instantly
RPV	Remoted Pilot Vehicles
RTK	Real Time Kinematic
SLD	Solid
SMART	Specific, Measurable, Attainable, Relevant, and Timely

ST	Synchronous Technology
TEL	Tetraethyllead
TIMWOODS	Transportation, Inventory, Material, Waiting, Over-production, Over-processing, Defects, and Skills
UV	Ultraviolet
VP	Vat Photopolymerization
VR	Virtual Reality
WAC	World Aeronautical Charts
XML	Extensible Markup Language
4D BIM	Four-Dimensional Building Information Modeling
5M	Material, Machine, Method, Measurement, Man, and Money
5S	Sort, Simplify, Shine, Standardize, and Sustain

