# AutoCAD® 2011
# Release Comparison Matrix

| | RELEASE: | 2008 | 2009 | 2010 | 2011 |
|---|---|:---:|:---:|:---:|:---:|
| **DOCUMENT** | | | | | |
| *Create your designs more intuitively, more efficiently, and faster than ever before.* | | | | | |
| New Features Workshop | | ☆ | ☆ | ☆ | ☆ |
| Workspaces | | ☆ | ☆ | ☆ | ☆ |
| Ribbon | | | ★ | ☆ | ☆ |
| Quick Access Toolbar | | | ★ | ☆ | ☆ |
| Tool Palettes | | ☆ | ✓ | ☆ | ✓ |
| Color Selection | | ✓ | ✓ | ☆ | ✓ |
| Sheet Sets | | ☆ | ☆ | ☆ | ✓ |
| Annotation Scaling | | ★ | ✓ | ✓ | ✓ |
| Scale Lists | | ✓ | ✓ | ✓ | ☆ |
| Find and Replace | | ✓ | ☆ | ☆ | ✓ |
| Spell Checker | | ☆ | ✓ | ☆ | ✓ |
| Multiline Text (MTEXT) | | ☆ | ☆ | ☆ | ✓ |
| Multileaders | | ★ | ✓ | ☆ | ✓ |
| Dimensioning | | ☆ | ✓ | ☆ | ✓ |
| Block Attributes | | ☆ | ✓ | ✓ | ✓ |
| Tables | | ☆ | ✓ | ✓ | ✓ |
| Data Extraction | | ☆ | ✓ | ☆ | ✓ |
| Data Linking with Microsoft® Excel® | | ★ | ✓ | ✓ | ✓ |
| Hatch | | ☆ | ✓ | ☆ | ☆ |
| Spline Edit | | ✓ | ✓ | ☆ | ☆ |
| Pline Edit | | ✓ | ✓ | ☆ | ☆ |
| Reverse Tool (Lines, Polylines, Splines, Helixes) | | | | ★ | ✓ |
| Purge | | ✓ | ✓ | ☆ | ✓ |
| Layers | | ☆ | ☆ | ✓ | ☆ |
| Views | | ✓ | ☆ | ✓ | ☆ |
| Cameras | | ✓ | ✓ | ✓ | ✓ |
| Viewports | | ☆ | ✓ | ☆ | ✓ |
| Layouts | | ☆ | ☆ | ✓ | ✓ |

**Autodesk®**

**LEGEND**

★ New Feature
☆ Improved Feature
✓ Supported Feature

## DOCUMENT

*Create your designs more intuitively, more efficiently, and faster than ever before.*

| RELEASE: | 2008 | 2009 | 2010 | 2011 |
|---|---|---|---|---|
| Blocks | ☆ | ☆ | ☆ | ☆ |
| Area Tool | ✓ | ✓ | ☆ | ✓ |
| Distance Tool | ✓ | ✓ | ☆ | ✓ |
| Geometry Measurement Tools | | | ★ | ✓ |
| Geometric Constraints | | | ★ | ☆ |
| Dimensional Constraints | | | ★ | ☆ |
| Inferred Constraints | | | | ★ |
| Object and Layer Transparency | | | | ★ |
| Hide and Isolate Objects | | | | ★ |
| Select Similar Objects | | | | ★ |
| Create Similar Objects | | | | ★ |
| Welcome Screen | | | | ★ |

**LEGEND**

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|---|---|:---:|:---:|:---:|:---:|
| **EXPLORE** | | | | | |
| *Take your designs further by turning any idea, regardless of shape or size, into a 3D model.* | | | | | |
| Solid Primitives | | ✓ | ✓ | ✓ | ✓ |
| Interference Checking | | ✓ | ✓ | ✓ | ✓ |
| Pyramid Solid | | ✓ | ✓ | ✓ | ✓ |
| Helix | | ✓ | ✓ | ✓ | ✓ |
| Sweeps and Lofts | | ✓ | ✓ | ✓ | ☆ |
| Extrudes and Revolves | | ✓ | ✓ | ✓ | ☆ |
| 3D Fillets and Chamfers | | ✓ | ✓ | ✓ | ☆ |
| 3D Trims and Extends | | ✓ | ✓ | ✓ | ☆ |
| Dynamic User Coordinate System (UCS) | | ✓ | ✓ | ✓ | ✓ |
| Section Planes/Cuts | | ✓ | ✓ | ✓ | ✓ |
| Flatshot | | ✓ | ✓ | ✓ | ✓ |
| Animation Paths | | ✓ | ✓ | ✓ | ✓ |
| Walk & Fly Tools | | ✓ | ✓ | ✓ | ✓ |
| SteeringWheels® | | | ★ | ✓ | ☆ |
| ViewCube® | | | ★ | ✓ | ☆ |
| 3D Gizmos | | ✓ | ✓ | ☆ | ☆ |
| Sub-Object Selection | | ✓ | ✓ | ☆ | ☆ |
| Mesh Primitives | | | | ★ | ✓ |
| Mesh Conversion | | | | ★ | ✓ |
| Mesh Smoothing | | | | ★ | ✓ |
| Mesh Editing | | | | ★ | ☆ |
| Surface Modeling | | ✓ | ✓ | ✓ | ☆ |
| Surface Associativity | | | | | ★ |
| Surface Analysis | | | | | ★ |
| Point Cloud Support | | | | | ★ |

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|---|---|---|---|---|
| **COMMUNICATE** | | | | |
| *Present and share your designs more seamlessly, more accurately, and more powerfully.* | | | | |
| Electronic Transmittal Sets | ☆ | ✓ | ☆ | ✓ |
| 3D DWF™ Publish | ✓ | ✓ | ✓ | ✓ |
| DWF Underlay | ✓ | ✓ | ✓ | ✓ |
| DGN 8 Import, Export, and Underlay | ★ | ✓ | ✓ | ✓ |
| PDF Publish | ✓ | ✓ | ☆ | ✓ |
| PDF Underlay | | | ★ | ✓ |
| STL Output | ✓ | ✓ | ☆ | ✓ |
| 3D Printing | | | ★ | ✓ |
| Lights | ☆ | ✓ | ✓ | ☆ |
| Materials | ✓ | ✓ | ✓ | ☆ |
| Visual Styles | ✓ | ✓ | ✓ | ☆ |
| Photorealistic Rendering | ✓ | ✓ | ✓ | ☆ |
| Autodesk® Impression (Subscription Only) | | ★ | ☆ | ✓ |
| Autodesk® Seek | | ★ | ☆ | ✓ |
| | | | | |
| **CUSTOMIZE** | | | | |
| *Make AutoCAD® software work for you in ways you never thought possible.* | | | | |
| Initial Drawing Setup | | | ★ | ✓ |
| Action Recorder | | ★ | ☆ | ☆ |
| CUIx File Format | | | ★ | ✓ |
| Online License Transfer | | | ★ | ✓ |