

In the name of God the Merciful

*Engineering and Mechanical Drawing
Using AutoCAD*

4 U :-

*Dictionary Of Symbols & Shortcuts
For AutoCAD LT 2006*

Designer :-

Spe : Hussien Bahjat Jaleel Aga

Technical Institute - Hawija



Function Keys :

No.	Shortcut	Command	Comment
1	F1	HELP	Opens AutoCAD help
2	F2	TEXTSCR GRAPHSCR	Switches between text screen and graphic area
3	F3	OSNAP	Switches osnap on/off
4	F4	TABLET	Switches Table
5	F5 or CTRL+E	ISOPLANE	Cycles through isoplanes
6	F6 or CTRL+D	COORDS	Turns coordinate display on/off
7	F7 or CTRL+G	GRID	Turns grid on/off
8	F8 or CTRL+L	ORTHO	Turns ortho on/off
9	F9 or CTRL+B	SNAP	Turns snap on/off
10	F10 or CTRL+U	POLAR	Turns polar on/off
11	F11 or CTRL+W	OSNAP TRACK	Turns object snap tracking on/off
12	F12	DYNMODE	Turns dynamic input on/off

Dimensioning :

No.	Shortcut	Command	Comment
1	D	<u>D</u> IMSTYLE	Opens dimension style manager dialogue box
2	DIMRAD	<u>D</u> IM <u>R</u> ADIUS	Dimension > Radius > (select object) > specify location
3	DAL	<u>D</u> IM <u>A</u> LIGNED	Aligned linear dimension line
4	DAN	<u>D</u> IM <u>A</u> NGULAR	Angular dimension line
5	DAR	DIMARC	Arc length dimension
6	DBA	<u>D</u> IM <u>B</u> ASELINE	Ordinate dimension from baseline of previous dimension
7	DCO	<u>D</u> IM <u>C</u> ONTINUE	Ordinate dimension from 2nd extension line of previous dimension
8	DDI	<u>D</u> IM <u>D</u> IAMETER	Diameter dimension for circles and arcs
9	DED	<u>D</u> IM <u>E</u> DIT	Edit dimension text on dimension objects
10	DI	<u>D</u> IST	Check a distance
11	DIMCENTER	<u>D</u> IM <u>C</u> ENTER	Creates center mark

12	DLI	<u>D</u> IM <u>L</u> INEAR	Linear dimension
13	DOR	<u>D</u> IM <u>O</u> R <u>D</u> INATE	Ordinate point dimension
14	DOV	<u>D</u> IM <u>O</u> VERRIDE	Override dimension style
15	DRA	<u>D</u> IM <u>R</u> ADIUS	Radial dimension for circles and arcs
16	ID	<u>I</u> D	Display the co-ordinate values of a point
17	QDIM	<u>Q</u> DIM	Dimension > (QDIM)
18	LE	<u>L</u> EADER	Dimension > Leader

Modifying Objects :

No.	Shortcut	Command	Comment
1	AL	<u>A</u> LIGN	Align an object with another
2	AR	<u>A</u> RRAY	Make multiple copies of an object
3	BR	<u>B</u> REAK	Break a line by defining 2 points
4	CO or CP	<u>C</u> OPY	Copy object
5	COPYTOLAYER	<u>C</u> OPY <u>T</u> OLAYER	Copy object from one layer to another
6	CHA	<u>C</u> HAMFER	Chamfer between 2 non-parallel lines
7	E	<u>E</u> RASE	Erase selection
8	EX	<u>E</u> XTEND	Extend a line to meet another
9	F	<u>F</u> ILLET	Draw an arc between 2 intersecting lines
10	G	<u>G</u> ROUP	Opens object grouping dialogue - use to copy or move
11	LEN	<u>L</u> ENGTHEN	Lengthen or shorten a line
12	M	<u>M</u> OVE	Move an object
13	MI	<u>M</u> IRROR	Mirror an object
14	MOCORO	<u>M</u> OVE/ <u>C</u> OPY/ <u>R</u> OTATE	Copy move and rotate an object with one command
15	O	<u>O</u> FFSET	Offset an object by distance
16	RO	<u>R</u> OTATE	Rotate an object
17	S	<u>S</u> TRETCH	Stretch an object
18	SC	<u>S</u> CALE	Scale an object
19	TR	<u>T</u> RIM	Trim objects
20	X	<u>E</u> XPLODE	Explode single entity to parts

Formatting :

No.	Shortcut	Command	Comment
1	AP	<u>A</u>PPLOAD	<i>Opens application load dialogue box</i>
2	BE	<u>B</u>EDIT	<i>Opens the edit block definition dialogue box</i>
3	BH	<u>B</u>HATCH	<i>Opens hatch and gradient dialogue box</i>
4	CUI		<i>Opens customize user interface dialogue</i>
5	U	<u>U</u>NITS	DRAWING UNITS BOX
6	DC	<u>A</u>D<u>C</u>ENTER	<i>Opens designcenter</i>
7	DDPTYPE	<u>DD</u>PTYPE	<i>Opens point style dialogue box</i>
8	LA	<u>L</u>AYER	<i>Opens layer manager</i>
9	LT	<u>DD</u>L<u>T</u>YPE	<i>Opens line type manager</i>
10	LTS	<u>L</u>TSCALE	<i>Change the linetype scale</i>
11	LW	<u>L</u>WEIGHT	<i>Opens line weight settings dialogue box</i>
12	MA	<u>M</u>ATCHPROPERTIES	<i>Match properties of an object</i>
13	OP	<u>O</u>PTIONS	<i>Launches options dialogue box</i>
14	OS	<u>DD</u>O<u>S</u>NAP	<i>Opens drafting settings object snap dialogue</i>
15	PR	<u>DD</u>CH<u>P</u>ROP	<i>Opens properties dialogue box</i>
16	SSM	<u>S</u>HEET<u>S</u>ET	<i>Opens sheet set <u>M</u>anager palette</i>
17	ST	<u>DD</u>STYLE	<i>Opens text style dialogue box</i>
18	TP	<u>T</u>OOL<u>P</u>ALETTES	<i>Displays toolpalette</i>
19	TS	<u>T</u>ABLE<u>S</u>TYLE	<i>Opens table style dialogue box</i>

Drawing Objects :

No.	Shortcut	Command	Comment
1	A	<u>A</u> RC	Draw an arc with 3 points
2	B	<u>B</u> LOCK	Opens block dialogue box in order to make a block
3	BO	<u>B</u> OUNDARY	Draw a boundary
4	C	<u>C</u> IRCLE	Draw a circle
5	DO	<u>D</u> ONUT	Draw a solid donut shape
6	DT	<u>T</u> EXT	Single line text
7	DIV	<u>D</u> IVIDE	Inserts point node a set division
8	EL	<u>E</u> LLIPSE	Draw an ellipse
9	F	<u>F</u> ILLET	Draw an arc between 2 intersecting lines
10	G	<u>G</u> ROUP	Opens object grouping dialogue
11	H	<u>H</u> ATCH	Opens hatch and gradient dialogue box
12	L	<u>L</u> INE	Draw a line
13	LE	<u>Q</u> LEADER	Draw a leader line-may need to adjust settings
14	LEAD	<u>L</u> EADER	Leader line with annotation
15	ML	<u>M</u> LINE	Draw multilines
16	O	<u>O</u> FFSET	Offset an object by distance
17	PL	<u>P</u> LINE	Draw a polyline - a complex line
18	PO	<u>P</u> POINT	Point marker or node - DDPTYPE to change pointstyle
19	POL	<u>P</u> OLYGON	Draw a regular polygon 3 to 1024 sides
20	RAY	<u>R</u> AY	Construction line in one direction
21	REC	<u>R</u> ECTANG	Draw a rectangle
22	REG	<u>R</u> EGION	Region - for shading for example
23	REVCLOUD	<u>R</u> EV <u>C</u> LOUD	Revision cloud - note can select a polyline
24	SPL	<u>S</u> PLINE	Spline or smooth curve along points
25	T	<u>M</u> TEXT	Multi-line text
26	XL	<u>X</u> LINE	Construction line of infinite length
27	WIPEOUT	<u>W</u> IPEOUT	Masks part of drawing for clarity

Text :

No.	Shortcut	Command	Comment
1	%%C	∅	Diameter dimensioning symbol
2	%%D	°	Degrees symbol
3	%%O	<u>OVERSCORE</u>	Toggles overscore mode on/off
4	%%P	±	Plus/minus symbol
5	%%U	<u>UNDERScore</u>	Toggles underscore on/off
6	DT	<u>DTEXT</u>	Single line dynamic text Justify/Align to fit within text line
7	ED	<u>DDEDIT</u>	Edit text
8	FIND	<u>FIND</u>	Opens find and replace dialogue box
9	JUSTIFYTEXT	<u>JUSTIFYTEXT</u>	Change the justification point without moving text
10	MIRRTEXT	<u>MIRRTEXT</u>	Mirrtext 0 to turn off
11	SCALETEXT	<u>SCALETEXT</u>	Scales text without moving the text insertion point
12	SPELL	<u>SPELLCHECK</u>	Performs spellcheck - ALL checks all text in drawing
13	ST	<u>STYLE</u>	Opens text style dialogue box
14	T or MT	<u>MTEXT</u>	Multiline/paragraph text
15	TCIRCLE	TCIRCLE	Places circle, slot, or rectangle around each selected text object
16	TEXTFIT	<u>TEXTFIT</u>	Stretches/shrinks text by selecting new start and/or end points
17	TORIENT	<u>TORIENT</u>	Rotates text, mtext, and attribute definition objects
18	TXT2MTXT	<u>TXT2MTXT</u>	Converts DTEXT to MTEXT
19	WIPEOUT	<u>WIPEOUT</u>	Masks part of drawing for clarity
20	CTRL+8	QUICKCALC	Displays the calculator

Layers :

No.	Shortcut	Command	Comment
1	LA	<u>L</u> AYER	Opens layer manager
2	LAYCUR	<u>L</u> A <u>Y</u> E <u>R</u> C <u>U</u> R <u>R</u> E <u>N</u> T	Change objects to current layer
3	LAYDEL	<u>L</u> A <u>Y</u> E <u>R</u> D <u>E</u> L <u>E</u> T <u>E</u>	Delete a layer by selecting object
4	LAYFRZ	<u>L</u> A <u>Y</u> E <u>R</u> F <u>R</u> E <u>E</u> Z <u>E</u>	Freeze a layer by selecting object
5	LAYISO	<u>L</u> A <u>Y</u> E <u>R</u> I <u>S</u> O <u>L</u> A <u>T</u> E	Isolates a layer by selecting object
6	LAYLCK	<u>L</u> A <u>Y</u> E <u>R</u> L <u>O</u> C <u>K</u>	Lock a layer by selecting object
7	LAYMCH	<u>L</u> A <u>Y</u> E <u>R</u> M <u>A</u> T <u>C</u> H	Match properties of a layer
8	LAYMRG	<u>L</u> A <u>Y</u> E <u>R</u> M <u>E</u> R <u>G</u> E	Moves objects from first layer to second and deletes first
9	LAYOFF	<u>L</u> A <u>Y</u> E <u>R</u> O <u>F</u> F	Switches a layer off
10	LAYON	<u>L</u> A <u>Y</u> E <u>R</u> O <u>N</u>	Switches all layers on except frozen layers
11	LAYERP	<u>L</u> A <u>Y</u> E <u>R</u> P <u>R</u> E <u>V</u> I <u>O</u> U <u>S</u>	Restores previous layer state
12	LAYTHW	<u>L</u> A <u>Y</u> T <u>H</u> W	Thaws all layers
13	LAYWALK	<u>L</u> A <u>Y</u> E <u>R</u> W <u>A</u> L <u>K</u>	Walk through layers
14	LMAN	<u>L</u> M <u>A</u> N	Access Layer manager to save and restore layer states

Inquiry :

No.	Shortcut	Command	Comment
1	AA	<u>A</u> RE <u>A</u>	Calculate the area
2	DI	<u>D</u> I <u>S</u> T	Calculate a distance and angle
3	DDPTYPE	<u>D</u> D <u>P</u> T <u>Y</u> P <u>E</u>	Opens point style dialogue box
4	ID	<u>I</u> D	Display the co-ordinate values of a point
5	LI or LS	<u>L</u> I <u>S</u> T	Display information about objects in a text window
6	MASSPROP	<u>M</u> A <u>S</u> S <u>P</u> R <u>O</u> P	Calculate the region/mass properties of a solid
7	PR	<u>P</u> R <u>O</u> P <u>E</u> R <u>T</u> I <u>E</u> S	Opens properties dialogue box
8	WHOHAS	<u>W</u> H <u>O</u> H <u>A</u> S	Displays who has a drawing open
9	XLIST	<u>X</u> L <u>I</u> S <u>T</u>	Lists type