

University of Sallahadin College of Engineering Electrical Engineering Dept.



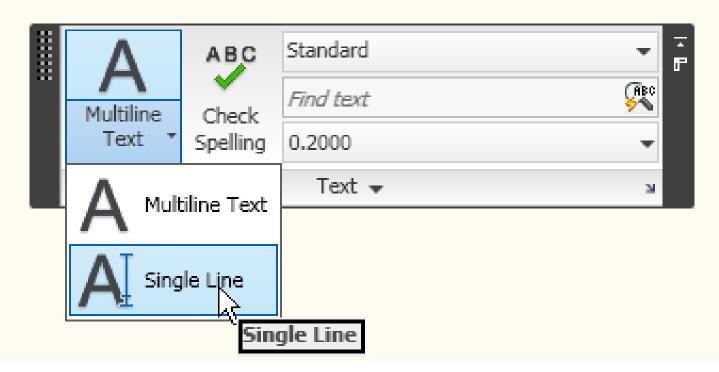
Electrical CAD Lecture Six Text, Hatch and Gradient

By : Sarkar Jawhar MSc in Electrical Engineering

Contents of This Lecture

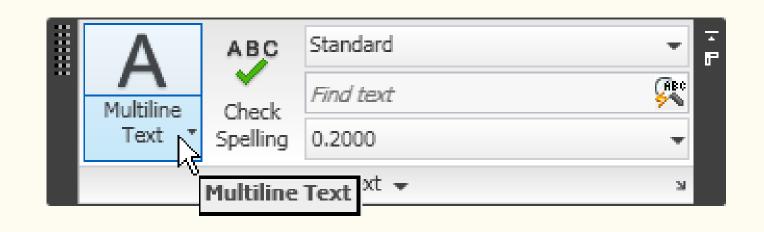
- Text
- Hatch
- Gradient

The **TEXT** command

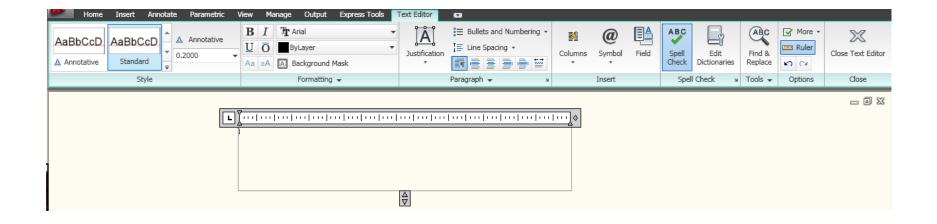


Multi-line text

The MTEXT command.



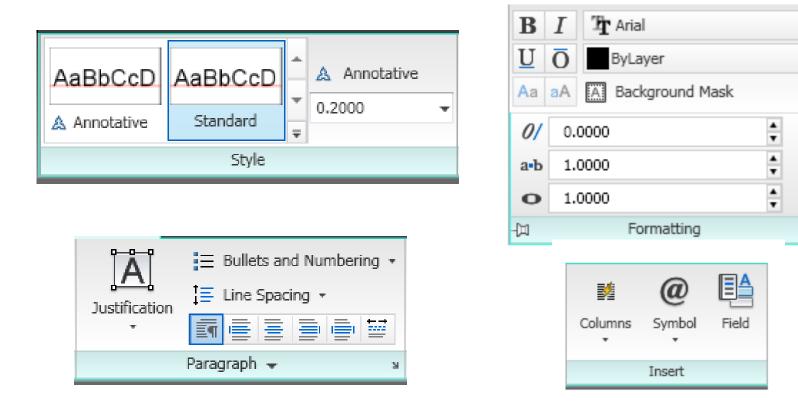
Multiline Text tab



Multiline Text tab

Style panel, Formatting panel, Paragraph panel and Insert panel

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Field

🗛 Field		
Field category:	Author: Format: (rone) Uppercase Lowercase First capital Title case	Learn about Fields
Field expression: %<\AcVar Author>%		
	ОК	Cancel Help

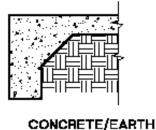
Text Symbols

Special Character or Symbol	Control Character Sequence	Text String	Example of Control Character Sequence
° (degree symbol)	%%d	104.5°F	104.5%%dF
± (plus/minus tole- rance symbol)	%%p	34.5±3	34.5%%p3
Ø (diameter symbol)	%%c	56.06Ø	56.06%%c
% (single percent sign; necessary only when it must precede another control sequence)	%%%	34.67%±1.5	34.67%%%%%P1.5
Special coded symbols (where nnn stands for a three-digit code)	%%nnn	@	%%064

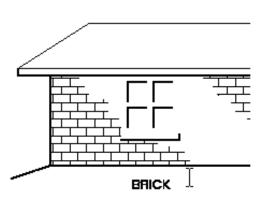
Hatch and Gradient

Repeating patterns, called hatching, is used to fill regions in a drawing for various purposes.

A gradient fill is a solid hatch fill that gives the blended-color effect of a surface with light on it.



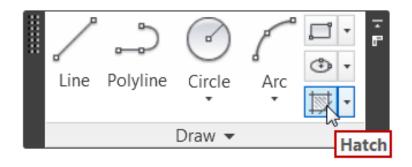


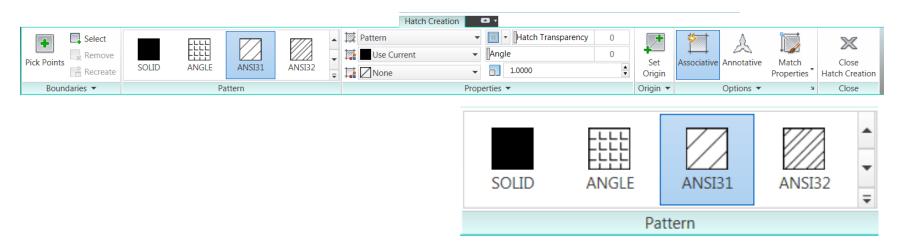


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Hatch and Gradient

The Hatch and Gradient command fills an enclosed area or selected objects with a hatch or gradient fill.





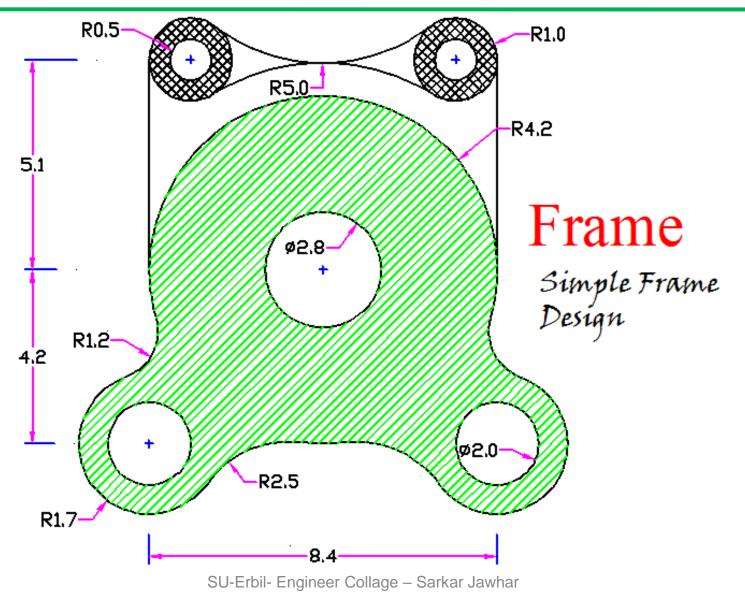
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Hatch and Gradient

The Properties panel allows you to set the properties of the selected pattern.

Hatch Type			Hatch Transparency
	Pattern	▼ Hatch Transparency	y 0 🔺
	Use Current	Angle	0 ┥ 🗕 Hatch Angle
Hatch Color	None None	▼ 1.0000	
Background			
color	🛃 🔲 Use Current	•	
	🔣 Relative To Paper Space		Hatch Pattern
	Double		Scale
	ISO Pen Width: 1.00 mm	•	
	0	Properties	

Assignment



Questions and Thank you



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