University of Sallahadin
College of Engineering
Electrical Engineering Dept.

Electrical CAD
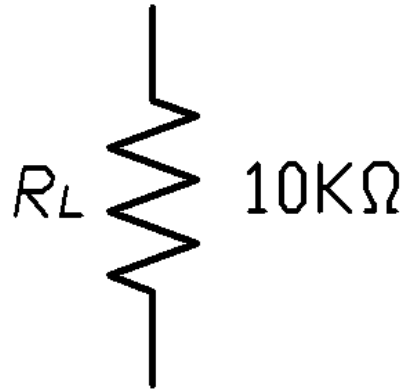
Lecture Seven

Blocks

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MSc in Electrical Engineering

Contents of This Lecture

- Definition.
- Create Block.
- Insert Block.
- Edit Block.
- Block Control.
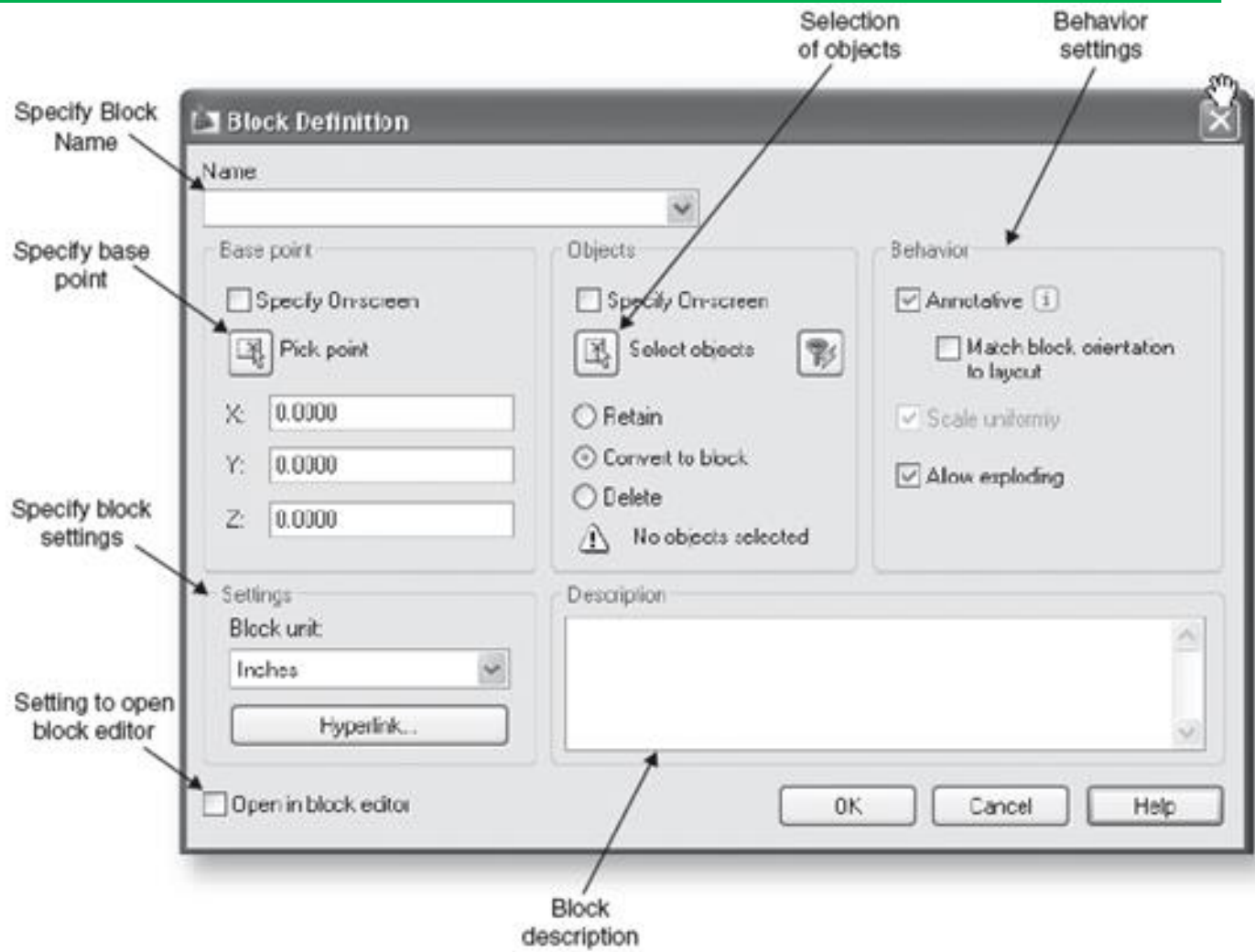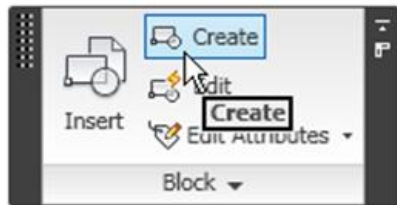- Electronic Circuit Drawings.

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Definition

- Block is combined objects and elements which it needs to be used several times.

$$R_L \quad 10K\Omega$$

Create Block

- Creating a Block:

Type Block
or Click
Create Block

not valid block name

DIRECT, LIGHT, AVE_RENDER, RM_SDB, SH_SPOT, OVERHEAD
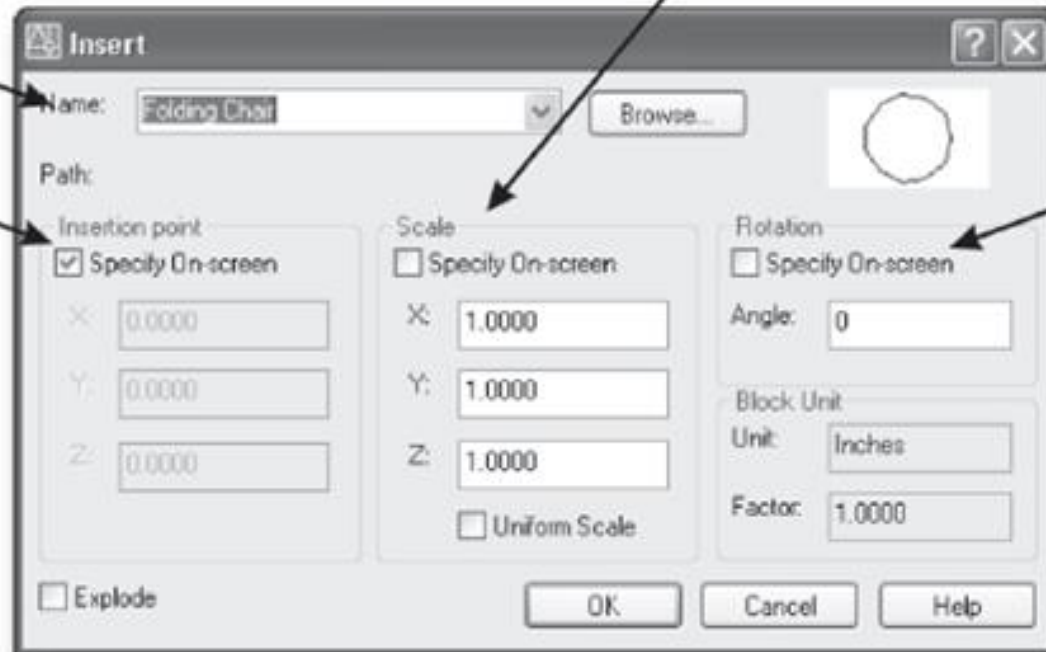
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Insert Block

- Inserting a Block: Type Insert or Click Insert Block
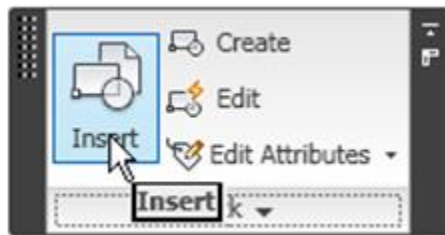
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Edit Block

- Editing a Block: Click Edit Block

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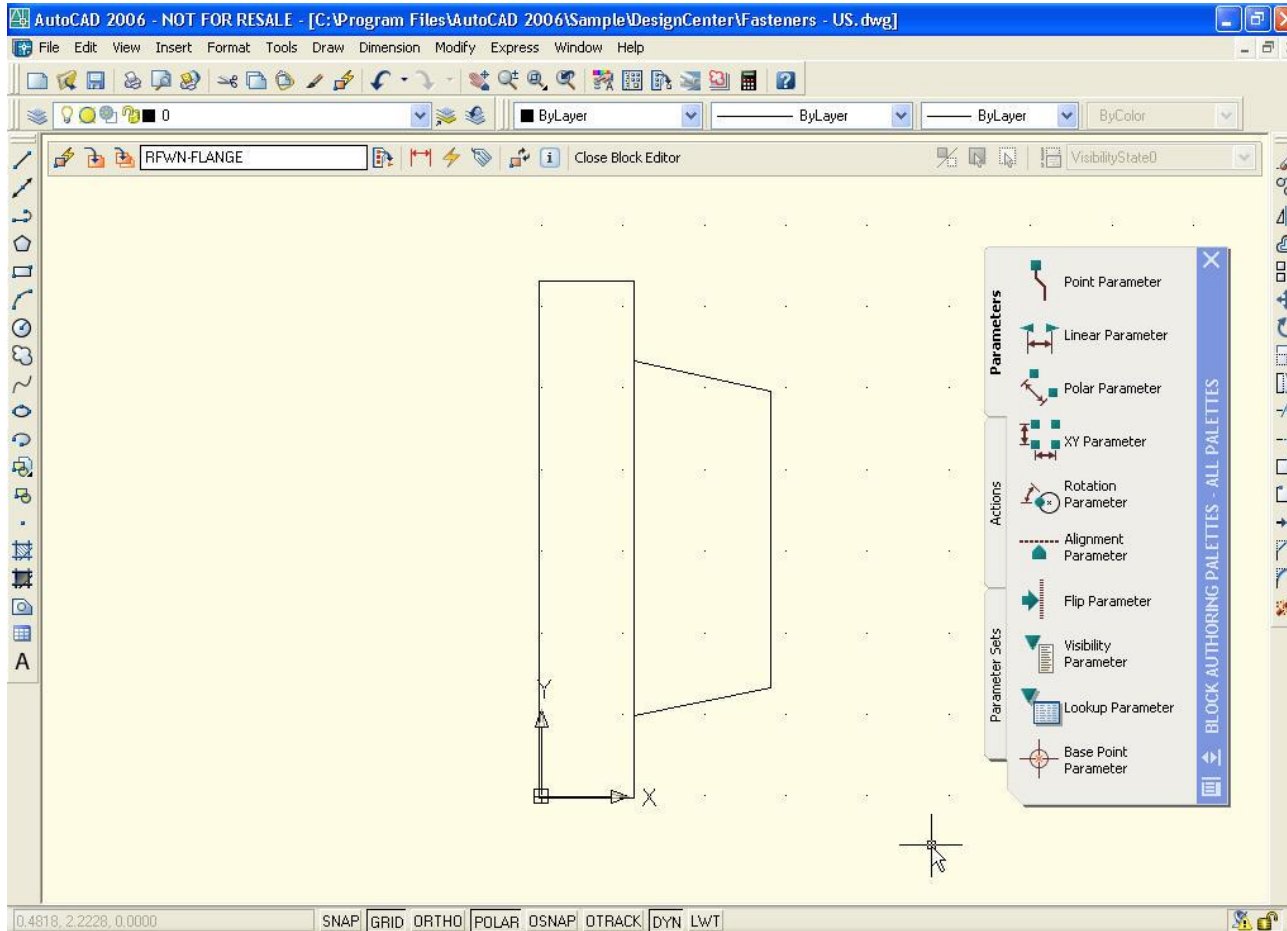
Block Control

- **Control the Color and Linetype of Blocks**
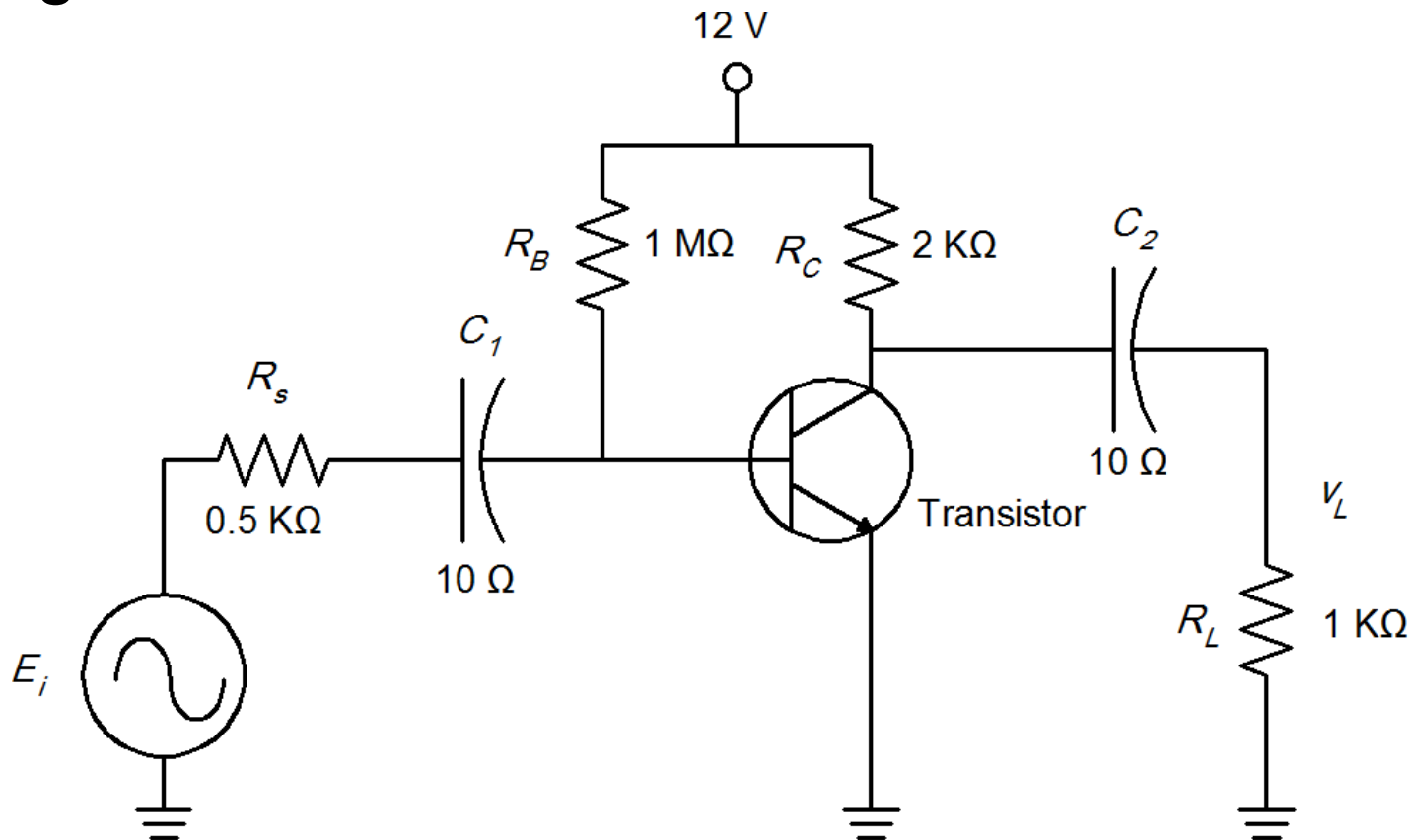
If you want objects in a block to	Create objects on these layers	Create objects with these properties
Retain original properties	Any but 0 (zero)	Any but BYBLOCK or BYLAYER
Inherit properties from the current layer	0 (zero)	BYLAYER
Inherit individual properties first, then layer properties	Any	BYBLOCK

Assignment

- Draw the following electronic circuit diagram using AutoCAD and Blocks.

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Questions and Thank you

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