


EDITING POLYLINES

The **EDIT POLYLINE** command allows you to make changes to a polyline's option, such as the width. You can also change a regular line into a polyline and JOIN the segments.

Note: If you select a line that is **NOT a POLYLINE**, the prompt will ask if you would like to turn it into a POLYLINE.

1. Select the **EDIT POLYLINE** command using one of the following:

Ribbon = Home tab / Modify ▼ panel / 
 or
 Keyboard = PE <enter>

Note: You may modify **“Multiple”** polylines simultaneously.

2. PEDIT Select polyline or [Multiple]: **select the polyline to be edited or “M”**
3. Enter an option [Close/Join/Width/Edit vertex/Fit/Spline/Decurve/Ltypegen/Undo/Reverse]: **select an Option (descriptions of each are listed below.)**

OPTIONS

CLOSE

CLOSE connects the last segment with the first segment of an Open polyline. AutoCAD considers a polyline open unless you use the “Close” option to connect the segments originally.



Open



Close

OPEN

OPEN removes the closing segment, but only if the CLOSE option was used to close the polyline originally.

EDITING POLYLINES....continued

OPTIONS:

JOIN

The JOIN option allows you to join individual polyline segments into one polyline. The segments must have matching endpoints.



(4) Individual Polylines

Joined
1 Polyline

WIDTH

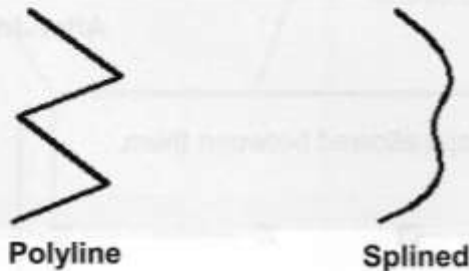
The WIDTH option allows you to change the width of the polyline. But the entire polyline will have the same width.

EDIT VERTEX

This option allows you to change the starting and ending width of each segment individually.

SPLINE

This option allows you to change straight polylines to curves.

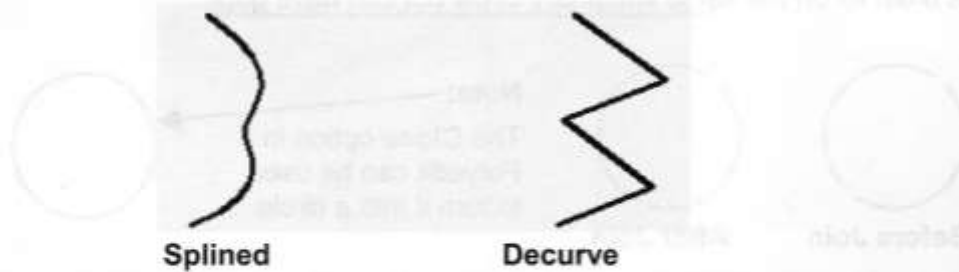


Polyline

Splined

DECURVE

This option removes the SPLINE curves and returns the polyline to its original straight line segments.



Splined

Decurve

REVERSE

This option reverses the direction. The start point becomes the end point and vice versa.

JOIN COMMAND

I know this might seem confusing but this Join command is not the same as the Join "option" within the Polyedit tool. The Polyedit option can only be used to join individual polyline segments. This **Join** Command joins similar objects to form a single unbroken object.

1. Select the **JOIN** command using one of the following:

Ribbon = Home tab / Modify ▾ panel / 

Keyboard = J <enter>

2. Select the **Source** object.
3. Select the **objects to join to the source** object.

Seems easy, and it is, but there are a few rules regarding each type of object you must understand.

LINES

The Lines must be collinear (on the same plane) but can have gaps between them.



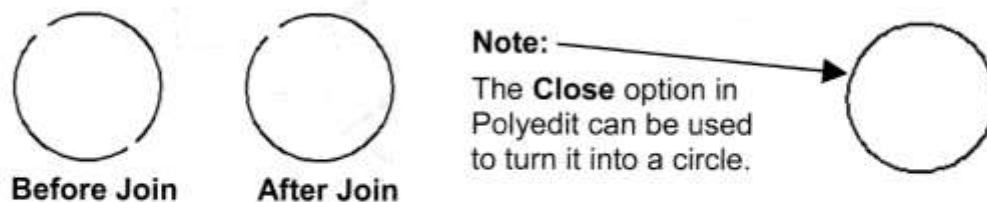
POLYLINES

Same rules as Lines except no gaps allowed between them.



ARC

The Arcs must lie on the same imaginary circle but can have gaps.



SPLINE

The Spline must lie in the same plane, and contiguous (end to end).
(You haven't learned this command as yet)