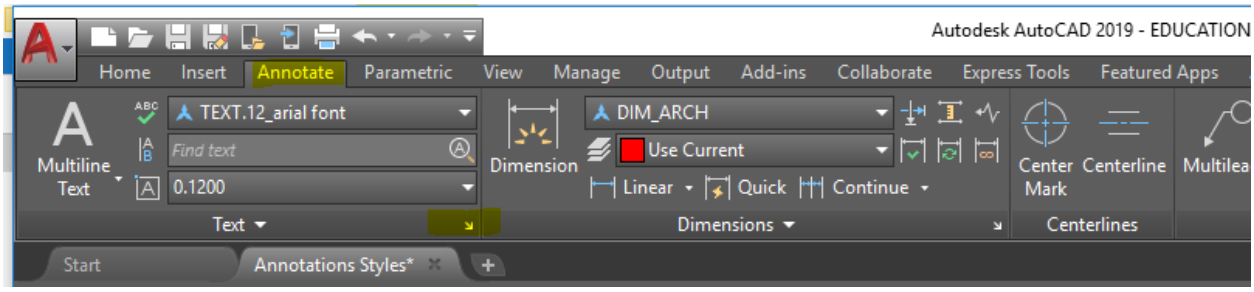
Competencies/Learning outcome: Annotation style set up
Develop Text Style in template file

AutoCAD uses Styles to maintain consistency and to control the appearance and behavior of all text objects in CAD. It is used to assign variables like font, height etc. You can create multiple styles within a drawing as per required variation. All text objects must be created using styles.

In technical CAD drawings text objects will follow certain basic CAD standards and also certain discipline specific text standards. For our class we will follow the following basic CAD standards for all text object. All text objects must be using upper case (all caps).
Text size: The **size/height** required on the final printed sheet is used in the style.
The text size and font typically will be guided by the discipline specifics preferences and cad standards. For this class we will use .12 for basic text, .18 for sub labels, .24 for main labels, and .2 for title box text to bring out the hierarchy and consistency in the text objects unless otherwise stated differently in specific problems.
Text font: We will use the **Arial font** for all text since it is acceptable in both mechanical and architectural discipline.

We will create following text styles for our imperial Basic CAD template.
TEXT .12_arial
TEXT .18_arial
TEXT .24_arial
TEXT 0_arial

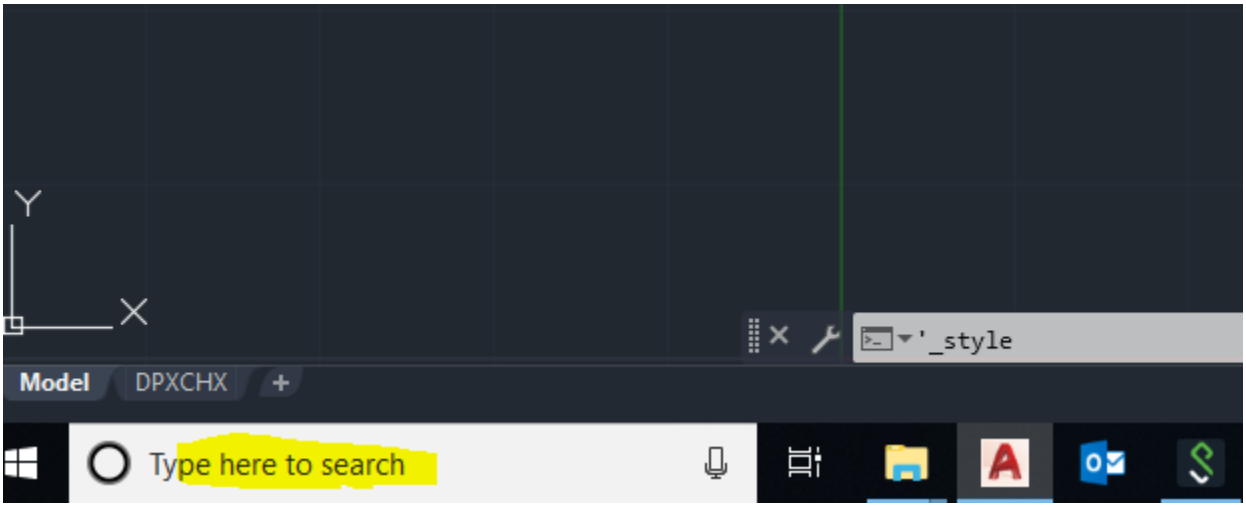
Access the 'Annotate' tab in the ribbon. Click on the right corner flyout of the text panel to access styles Manager as highlighted in image below.

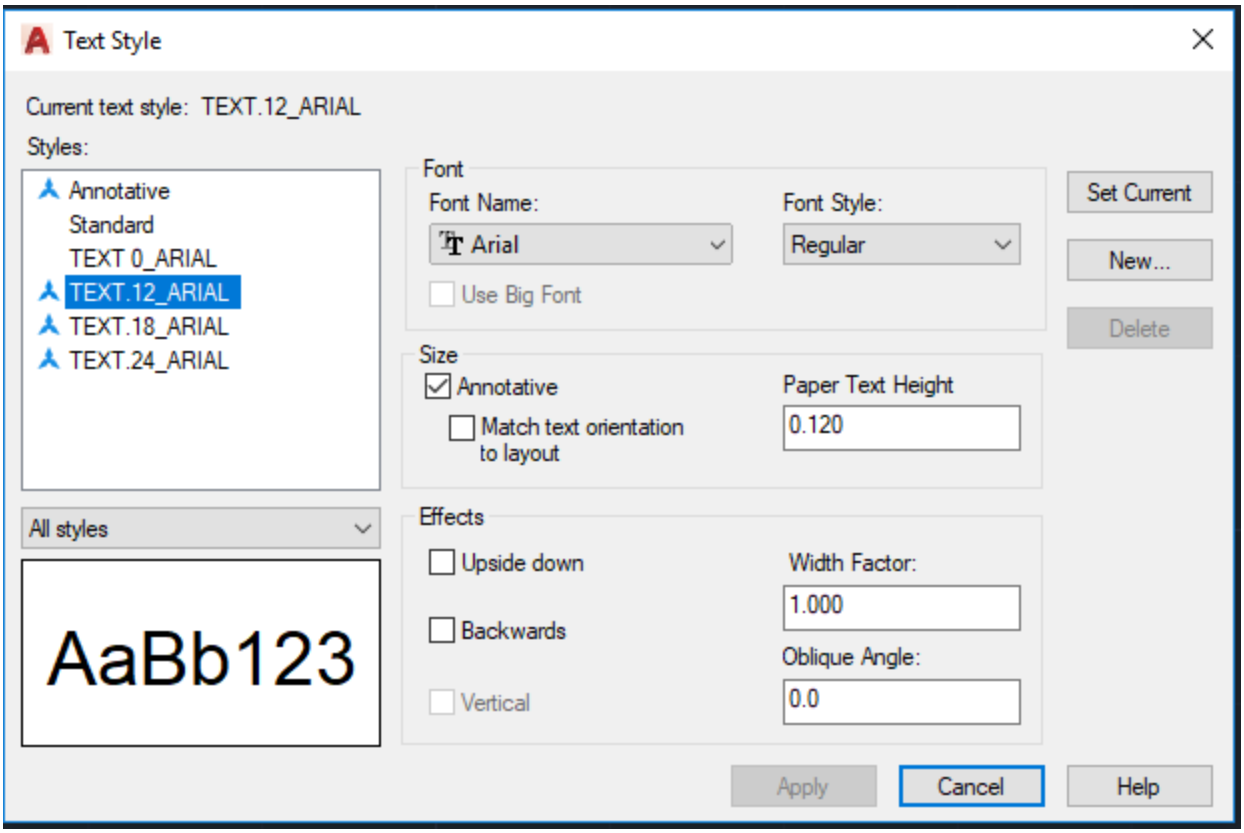


Create a new annotative style by selecting/ highlighting the default 'annotative' style and selecting new. Do not modify or delete existing default styles. Always create new styles. Name new style descriptively. Most of the times, size of text assigned, or font or discipline information is used to name the style descriptively.
Create following annotative text styles:
TEXT .12_arial font
(this style will be used for all generic body text in the drawing)
TEXT .18_arial font
(this style will be used for all sub heading text in the drawing)
TEXT .24_arial font
(this style will be used for all main heading text in the drawing)

We will also create a standard text style that will be used only for the purpose of inserting the text within other styles to carry forward the same font but will have 0 height.
TEXT 0_arial font
(this style will be used for text in other styles. It will be a 'standard' style instead of 'annotative' style. Confirm that annotative feature is turned off for it)

Once complete use the search field on left bottom of your screen to find snipping tool. Use the snipping tool to capture an image of your text style manager with text styles as indicated below. Submit it in submission box.




Text Style
Current text style: TEXT.12_ARIAL
Styles:
Annotative
Standard
TEXT 0_ARIAL
TEXT.12_ARIAL
TEXT.18_ARIAL
TEXT.24_ARIAL
All styles
AaBb123
Font
Font Name:
Arial
Font Style:
Regular
Use Big Font
Size
Annotative
Match text orientation to layout
Paper Text Height
0.120
Effects
Upside down
Backwards
Vertical
Width Factor:
1.000
Oblique Angle:
0.0
Set Current
New...
Delete
Apply
Cancel
Help