FOR MICROSOFT OFFICE 2003
To Create a Histogram in Excel
with a Specified Number of Classes

Find the class width for the data set (range / # of classes). Determine the lowest class limit, then use the class width to find the upper and lower class limits and boundaries.

Open new work book in Excel.

Enter each data value in a cell in column A.

Enter each class upper boundary in a cell in column B. These upper boundaries will be displayed beneath the bars in the histogram.

From TOOLS select DATA ANALYSIS.
   If DATA ANALYSIS is not on the list, select ADD-INS and check Analysis Toolpak. Then return to the Tools tab and continue.

Select HISTOGRAM.

Drop the values from column A into the INPUT RANGE, and the values from column B into the BIN RANGE. Check “New worksheet Ply” and “Chart Output”, then OK.

Eliminate the gaps between bars by right clicking on a bar and selecting FORMAT DATA SERIES. In OPTIONS, enter zero in the gap width box.

Eliminate the “More” class by right clicking in the chart area and selecting SOURCE DATA. Select the SERIES tab, then decrease the last number in the VALUES box by one.

Enter appropriate title and labels by clicking on them and editing.