

## ASSIGNMENT #9: iTUNES®

### New Skills Reinforced:

In this activity, you will practice how to:

1. Create a column chart.
2. Change text alignment.
3. Change the major and minor units of frequency of number.

### Activity Overview:

The existence of iTunes® has made it easy for anyone with a computer and an Internet connection to create and organize their own music and video library. Songs and music videos can be downloaded from Apple's iTunes® Web site ([www.itunes.com](http://www.itunes.com)) quickly and easily. Users can share music with other users, create playlists, and take their music collections with them wherever they want on an iPod. The popularity of iTunes® is forecasted to continue to grow.

The following activity illustrates how spreadsheets can be used to create a bar graph to analyze the frequency of popular iTunes® downloaded.

### Instructions:

1. **Open** the iTUNES spreadsheet from the webpage.
2. **Save** as Assignment #8.
3. Create a **Column Chart** as follows:
  - a. **Select** cells A3 – B13
  - b. Create a **Clustered Column** chart (choose "More column charts" then "Clustered").
  - c. Move the **location** of the chart to a New Sheet. **Name** the sheet iTUNES CHART.
  - d. Enter the **chart title** "MOST POPULAR iTUNES DOWNLOADED" above the chart. Use all caps.
  - e. Enter the **Axis titles**:
    - i. **Primary Horizontal Axis Title** – Enter the title "SONG, ARTIST" below the chart (x axis). Use all caps.
    - ii. **Primary Vertical Axis Title** – Enter the title "FREQUENCY" as a Rotated Title (Y axis). Use all caps.
  - f. Do NOT show the **legend**.
  - g. Show **NO data labels**.
4. **Format** the style and colors of the chart as follows:
  - a. Change the background fill color of the **Chart Area** to blue.
  - b. Change the background fill color of the **Plot Area** to yellow.
  - c. Change the colors of the **bars** to purple.
  - d. Format the **chart title** (MOST POPULAR iTUNES) to 20 point.
  - e. Format the **x and y axis titles** to 12 point font size (SONG, ARTIST; FREQUENCY).
  - f. Change the **text alignment** of the songs along the horizontal axis to 270 degrees.
  - g. Change the **major unit** of the frequency numbers to 2000.
5. Insert a **header** for the chart that shows:
  - a. Left section: Your Name
  - b. Center section: iTUNES
  - c. Right section: Current Date
6. Insert a **footer** that shows:
  - a. Center section: PAGE number
7. **Save** your spreadsheet. Keep the chart open and have your instructor grade from your screen unless otherwise instructed to print.

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