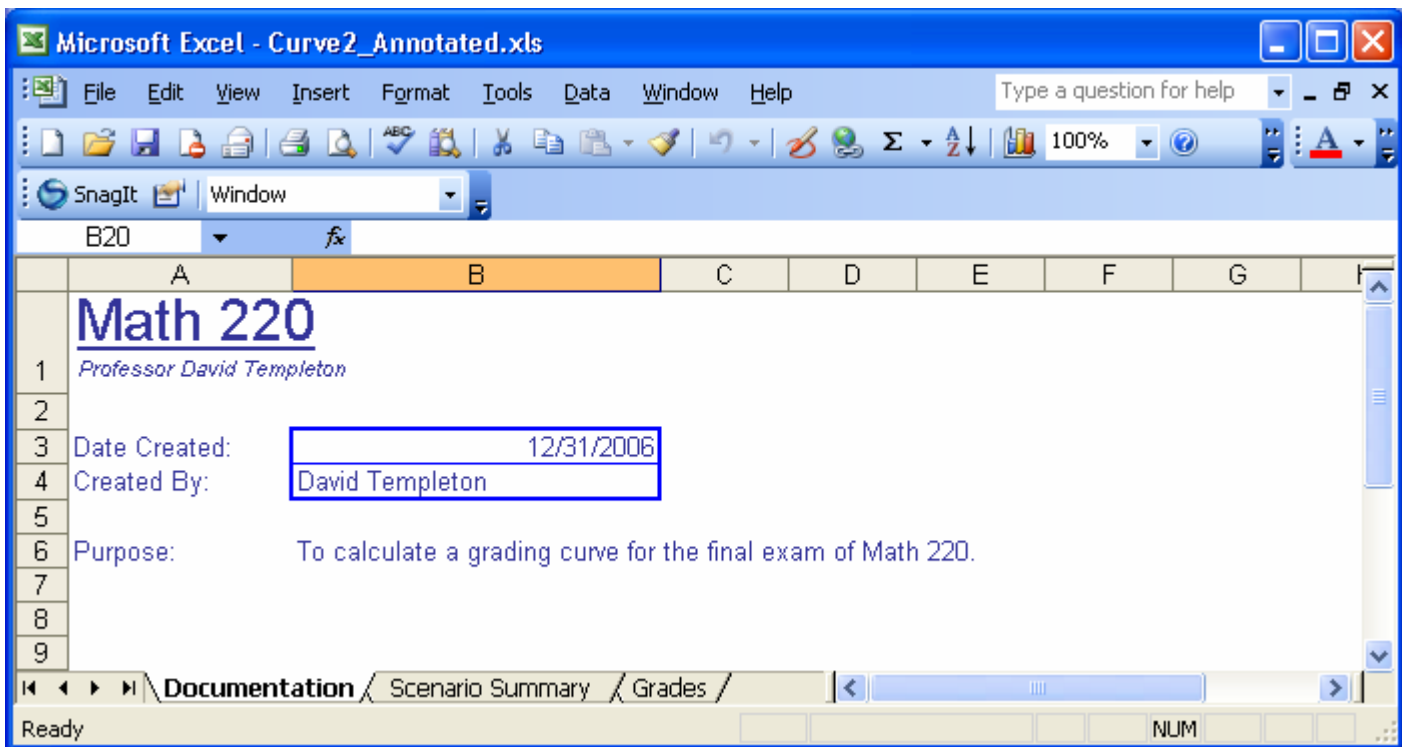


## Grading Rubric – Excel 2003 Tutorial 9, Case Problem 1

*Solution File(s):*     *Curve2.xls*

Description	Pts	Your Score
In range G7:G11, FREQUENCY function entered to calculate the counts associated with each grade; for example: {=FREQUENCY(B6:B55,E7:E11)}	5	
In range H7:H11, formulas entered to calculate the percentage of students assigned to each grade; for example, the formula in cell H7 is: =G7/50	2	
In range C6:C55, VLOOKUP function entered to determine each student's grade; for example: =VLOOKUP(B6,\$J\$7:\$K\$11,2,TRUE)	3	
(not shown) Range names created as indicated in Figure 9-41	5	
(not shown) Five scenarios created as defined in Figure 9-39	8	
Scenario summary report for the five grading scenarios	5	
Scenario 5 best fits the professor's proposed grading curve	2	
<b>TOTAL POSSIBLE POINTS:</b>	<b>30</b>	

**YOUR SCORE:** \_\_\_\_\_ out of \_\_\_\_\_



Microsoft Excel - Curve2\_Annotated.xls

File Edit View Insert Format Tools Data Window Help

Scenario Summary

Current Values:	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5
<b>Changing Cells:</b>					
GradeF	49	49	50	55	50
GradeD	69	69	65	72	60
GradeC	79	79	75	82	70
GradeB	89	89	85	92	80
GradeA	100	100	100	100	100
<b>Result Cells:</b>					
PercentF	2.0%	2.0%	2.0%	8.0%	2.0%
PercentD	36.0%	36.0%	22.0%	36.0%	8.0%
PercentC	30.0%	30.0%	32.0%	36.0%	34.0%
PercentB	22.0%	22.0%	32.0%	10.0%	34.0%
PercentA	10.0%	10.0%	12.0%	10.0%	16.0%

Notes: Current Values column represents values of changing cells at time Scenario Summary Report was created. Changing cells for each scenario are highlighted in gray.

Scenario summary report for the five grading scenarios

Scenario 5 best fits the professor's proposed grading curve

Microsoft Excel - Curve2\_Annotated.xls

File Edit View Insert Format Tools Data Window Help

Course

Student ID	Final Score	Grade
57581	80	B
52250	67	D
39558	74	C
44431	69	D
51219	74	C
53042	53	D
42886	68	D
55682	67	D
52093	79	C
55893	82	B
53490	84	B
35188	78	C
51031	51	D
31818	69	D
49934	63	D
30752	94	A
46576	77	C
58187	78	C
56091	100	A
52165	76	C
43452	80	B
35438	94	A
47405	55	D
35155	75	C
33264	85	B
57537	75	C
32082	65	D
53889	86	B
58098	62	D
49309	61	D
41064	83	B
39472	69	D
36447	70	C

Score*	Grade	Frequency:Percentage
49:F		1: 2.0%
69:D		18: 36.0%
79:C		15: 30.0%
89:B		11: 22.0%
100:A		5: 10.0%

Score*	Grade
0:F	
50:D	
70:C	
80:B	
90:A	

In range G7:G11, FREQUENCY function entered to calculate the counts associated with each grade, for example: `=FREQUENCY(B6:B55,E7:E11)`

In range H7:H11, formulas entered to calculate the percentage of students assigned to each grade; for example, the formula in cell H7

In range C6:C55, VLOOKUP function entered to determine each student's grade; for example: `=VLOOKUP(B6,$J:$K$11,2,TRUE)`

(not shown) Range names created as indicated in Figure 9-41

(not shown) Five scenarios created as defined in Figure 9-39