

Exam Statistics				
	Exam1	Exam2	Exam3	Final
Mean	51.9	31.7	42.0	124.5
Standard Error	2.5	3.5	3.3	6.6
Median	50.0	25.0	40.0	130.0
Mode	50.0	20.0	45.0	130.0
Standard Deviation	16.5	22.9	20.9	43.4
Sample Variance	271.1	524.2	438.1	1884.9
Kurtosis	-0.1	0.5	-0.7	-0.1
Skewness	0.2	0.8	0.3	-0.3
Range	67	100	78	201
Minimum	20	0	5	10
Maximum	87	100	83	211
Sum	2231	1396	1679	5353
Count	43	44	40	43

230 maxFinal  
 184 minA  
 150 minB  
 127 minC  
 104 minD  
 103 F

Breakpoints	Exam1	Num 1	Exam2	Num 2	Exam3	Num 3	Final	Num F
min A	80	3	80	2	80	3	184	4
min B	65	7	65	1	65	5	150	9
min C	55	6	55	6	55	4	127	9
min D	45	14	45	5	45	6	104	8
F	44-	13	44-	30	44-	22	103	13
Total		43		44		40		43

Acceptable	A B C	37.21%	A B C	20.45%	A B C	30.00%	A B C	51.16%
	E1	Grades 1	E2	Grades 2	E3	Grades 3	Final	Grade
87	A		100	A	83	A	211	A
85	A		80	A	82	A	195	A
85	A		70	B	80	A	192	A
77	B		64	C	75	B	186	A
72	B		60	C	70	B	175	B
70	B		55	C	67	B	175	B
70	B		55	C	65	B	169	B
67	B		55	C	65	B	165	B
65	B		55	C	62	C	160	B
65	B		50	D	60	C	157	B
64	C		47	D	55	C	155	B
62	C		45	D	55	C	155	B
62	C		45	D	50	D	154	B
60	C		45	D	47	D	146	C
55	C		40	F	45	D	145	C
55	C		40	F	45	D	142	C
54	D		35	F	45	D	140	C
52	D		35	F	45	D	135	C
52	D		35	F	42	F	135	C
50	D		30	F	40	F	130	C
50	D		30	F	40	F	130	C
50	D		25	F	37	F	130	C
50	D		25	F	35	F	126	D
50	D		25	F	35	F	125	D
50	D		25	F	35	F	124	D
47	D		20	F	30	F	122	D
45	D		20	F	30	F	115	D
45	D		20	F	30	F	110	D
45	D		20	F	30	F	105	D
45	D		20	F	27	F	105	D

Sorted Data for Frequency Analysis

Bonus Pts Awarded				E1	E2	E3	F(norm)
E1:E2	E2:E3	E3:Final					
Improve	Improve	Improve					
Pts	Pts	Pts					
				87	100	83	92
				85	80	82	85
				85	70	80	83
				77	64	75	81
				72	60	70	76
17.5	35.0	12.5		70	55	67	76
14.0	24.0	12.2		70	55	65	73
6.5	16.0	10.9		67	55	65	72
2.5	16.0	9.9		65	55	62	70
2.5	15.0	9.0		65	50	60	68
1.5	15.0	8.8		64	47	55	67
1.5	15.0	8.7		62	45	55	67
	12.5	8.5		62	45	50	67
	12.5	7.9		60	45	47	63
	12.5	6.3		55	40	45	63
	11.0	6.2		55	40	45	62
	11.0	6.2		54	35	45	61
	10.0	5.6		52	35	45	59
	10.0	5.4		52	35	42	59
	10.0	5.4		50	30	40	57
	10.0	5.4		50	30	40	57
	9.0	5.4		50	25	37	57
	7.5	5.2		50	25	35	55
	7.5	4.6		50	25	35	54
	7.5	4.3		50	25	35	54
	6.0	4.3		47	20	30	53
	5.0	4.0		45	20	30	50
	5.0	3.8		45	20	30	48
	5.0	3.5		45	20	30	46
	2.5	2.8		45	20	27	46
	1.0	2.8		44	20	25	42
		2.2		44	15	25	41
		2.0		42	15	25	41
		1.2		42	15	20	38
		0.9		42	15	20	37



