Enrollment: 97
Questionnaires: 47   Student Course Evaluation Questionnaire

| | | | Frequencies | | | | | Instructor | | Course | Dept | UMBC | Level | Sect |
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	1	0	0	0	2	10	34	4.70	440/1670	4.70	4.47	4.31	4.23	4.70
2. Did the instructor make clear the expected goals	0	0	0	0	1	5	41	4.85	216/1666	4.85	4.34	4.27	4.30	4.85
3. Did the exam questions reflect the expected goals	1	0	0	0	0	6	40	4.87	219/1406	4.87	4.40	4.32	4.31	4.87
4. Did other evaluations reflect the expected goals	1	21	0	0	1	0	24	4.92	141/1615	4.92	4.21	4.24	4.17	4.92
5. Did assigned readings contribute to what you learned	2	4	0	0	4	6	31	4.66	302/1566	4.66	3.81	4.07	4.03	4.66
6. Did written assignments contribute to what you learned	2	29	0	0	1	0	15	4.88	136/1528	4.88	4.00	4.12	4.00	4.88
7. Was the grading system clearly explained	2	1	0	0	2	7	35	4.75	272/1650	4.75	4.37	4.22	4.28	4.75
8. How many times was class cancelled	2	1	0	0	0	0	44	5.00	1/1667	5.00	4.83	4.67	4.61	5.00
9. How would you grade the overall teaching effectiveness	7	2	0	0	1	11	26	4.66	286/1626	4.66	4.06	4.11	4.07	4.66
Lecture														
1. Were the instructor's lectures well prepared	2	0	0	0	1	6	38	4.82	403/1559	4.82	4.54	4.46	4.47	4.82
2. Did the instructor seem interested in the subject	2	0	0	0	0	1	44	4.98	179/1560	4.98	4.78	4.72	4.68	4.98
3. Was lecture material presented and explained clearly	2	0	0	0	0	4	41	4.91	181/1549	4.91	4.33	4.31	4.32	4.91
4. Did the lectures contribute to what you learned	3	0	0	1	0	1	42	4.91	231/1546	4.91	4.37	4.32	4.32	4.91
5. Did audiovisual techniques enhance your understanding	4	2	0	1	3	3	34	4.71	211/1323	4.71	4.24	4.00	3.91	4.71
Discussion														
1. Did class discussions contribute to what you learned	24	0	1	0	1	6	15	4.48	466/1384	4.48	4.01	4.10	3.92	4.48
2. Were all students actively encouraged to participate	24	0	0	1	2	3	17	4.57	556/1378	4.57	4.11	4.29	4.09	4.57
3. Did the instructor encourage fair and open discussion	24	0	0	0	1	2	20	4.83	365/1378	4.83	4.13	4.31	4.08	4.83
4. Were special techniques successful	25	13	1	0	0	0	8	4.56	****/ 904	****	4.14	4.03	3.94	****
Laboratory														
2. Were you provided with adequate background information	46	0	0	0	0	0	1	5.00	****/ 239	****	4.59	4.21	4.35	****
Seminar														
4. Did presentations contribute to what you learned	46	0	0	0	0	0	1	5.00	****/ 79	****	****	4.45	4.59	****
Field Work														
1. Did field experience contribute to what you learned	46	0	0	0	1	0	0	3.00	****/ 41	****	5.00	4.50	3.91	****
2. Did you clearly understand your evaluation criteria	46	0	0	0	1	0	0	3.00	****/ 38	****	3.00	4.19	4.07	****
Self Paced														
1. Did self-paced system contribute to what you learned	46	0	0	0	0	0	1	5.00	****/ 28	****	5.00	4.64	4.59	****
2. Did study questions make clear the expected goal	46	0	0	0	0	0	1	5.00	****/ 16	****	4.00	4.67	4.83	****
3. Were your contacts with the instructor helpful	46	0	0	0	0	0	1	5.00	****/ 27	****	2.00	4.54	4.46	****

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	4	0.00-0.99	0	A	24	Required for Majors	24	Graduate	0	Major	0
28-55	3	1.00-1.99	0	B	12						
56-83	4	2.00-2.99	6	C	0	General	5	Under-grad	47	Non-major	47
84-150	4	3.00-3.49	2	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	2	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	1				
				?	1						

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Course-Section: PHYS 111 0101                University of Maryland                          Page    3
Title        Basic Physics I                    Baltimore County                            AUG  6, 2008
Instructor:   Cui, Lili                          Spring 2008                                Job IRBR3029
Enrollment:      0
Questionnaires:  46                  Student Course Evaluation Questionnaire
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                                                   Frequencies       Instructor    Course Dept  UMBC Level  Sect
                Questions                     NR  NA  1   2   3   4   5  Mean     Rank     Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course    0   0   0   0   9  13  24  4.33  916/1670  ****  4.51  4.31  4.23  4.33
2. Did the instructor make clear the expected goals     0   0   0   0   3  16  27  4.52  595/1666  ****  4.52  4.27  4.30  4.52
3. Did the exam questions reflect the expected goals    0   0   0   1   2  16  27  4.50  597/1406  ****  4.52  4.32  4.31  4.50
4. Did other evaluations reflect the expected goals     0   8   0   3   9   9  17  4.05 1055/1615  ****  4.45  4.24  4.17  4.05
5. Did assigned readings contribute to what you learned 3   4   1   4   6  16  12  3.87 1039/1566  ****  4.39  4.07  4.03  3.87
6. Did written assignments contribute to what you learned 0 18   2   2   4   8  12  3.93 1011/1528  ****  4.40  4.12  4.00  3.93
7. Was the grading system clearly explained             0   0   0   2   7   7  30  4.41  705/1650  ****  4.51  4.22  4.28  4.41
8. How many times was class cancelled                   0   2   0   0   1   2  41  4.91  675/1667  ****  4.86  4.67  4.61  4.91
9. How would you grade the overall teaching effectiveness 7 2   0   1   4  19  13  4.19  808/1626  ****  4.34  4.11  4.07  4.19


                Lecture
1. Were the instructor's lectures well prepared         1   0   0   0   0   8  37  4.82  403/1559  ****  4.65  4.46  4.47  4.82
2. Did the instructor seem interested in the subject    1   0   0   0   0   9  36  4.80  855/1560  ****  4.87  4.72  4.68  4.80
3. Was lecture material presented and explained clearly 1   0   0   0  10  12  23  4.29  952/1549  ****  4.48  4.31  4.32  4.29
4. Did the lectures contribute to what you learned      1   0   0   0   6  12  27  4.47  768/1546  ****  4.51  4.32  4.32  4.47
5. Did audiovisual techniques enhance your understanding 2  0   0   2   7  12  23  4.27  529/1323  ****  4.13  4.00  3.91  4.27


                Discussion
1. Did class discussions contribute to what you learned 42  0   0   0   2   1   1  3.75 ****/1384  ****  4.63  4.10  3.92  ****
2. Were all students actively encouraged to participate 42  0   1   0   1   1   1  3.25 ****/1378  ****  4.75  4.29  4.09  ****
3. Did the instructor encourage fair and open discussion 42 0   1   0   0   2   1  3.50 ****/1378  ****  4.89  4.31  4.08  ****
4. Were special techniques successful                   40  1   0   1   2   1   1  3.40 ****/ 904  ****  4.22  4.03  3.94  ****


                Laboratory
1. Did the lab increase understanding of the material    6  0   1   0   8  17  14  4.07  140/ 232  ****  3.79  4.19  4.25  4.07
2. Were you provided with adequate background information 6  0   0   2   6  13  19  4.22  136/ 239  ****  4.02  4.21  4.35  4.22
3. Were necessary materials available for lab activities  6  0   0   0   4   9  27  4.57  107/ 230  ****  4.14  4.44  4.58  4.57
4. Did the lab instructor provide assistance              6  0   1   0   0  10  29  4.65   87/ 231  ****  4.44  4.31  4.45  4.65
5. Were requirements for lab reports clearly specified    6  0   0   0   4  15  21  4.43   94/ 218  ****  4.25  4.18  4.47  4.43


                Field Work
5. Did conferences help you carry out field activities   45  0   0   0   0   1   0  4.00 ****/  31  ****  ****  4.47  4.28  ****


                Self  Paced
2. Did study questions make clear the expected goal      45  0   0   0   1   0   0  3.00 ****/  16  ****  ****  4.67  4.83  ****

                           Frequency Distribution
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Credits Earned          Cum. GPA          Expected Grades           Reasons                   Type                      Majors
------------------------------------------------------------------------------------------------------------------------------
00-27      2       0.00-0.99    1        A   16        Required for Majors  9        Graduate      0        Major        0
28-55      5       1.00-1.99    0        B   15
56-83     10       2.00-2.99    3        C    6        General              1        Under-grad   46        Non-major    9
84-150     7       3.00-3.49    9        D    1
Grad.      0       3.50-4.00   13        F    0        Electives            0        #### - Means there are not enough
                                         P    0                                      responses to be significant
                                         I    0        Other               32
                                         ?    4
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Course-Section: PHYS 112 0101            University of Maryland                        Page    4
Title      Basic Physics II              Baltimore County                         AUG  6, 2008
Instructor:   Cui, Lili                   Spring 2008                              Job IRBR3029
Enrollment:     0
Questionnaires: 58                Student Course Evaluation Questionnaire
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                                              Frequencies      Instructor   Course Dept  UMBC Level  Sect
            Questions                 NR  NA  1  2  3  4  5  Mean     Rank   Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------
            General
1. Did you gain new insights,skills from this course   0   0  0  1  7  6  44  4.60  557/1670  ****  4.51  4.31  4.23  4.60
2. Did the instructor make clear the expected goals    1   0  0  0  2  8  47  4.79  280/1666  ****  4.52  4.27  4.30  4.79
3. Did the exam questions reflect the expected goals   1   0  0  0  5 10  42  4.65  447/1406  ****  4.52  4.32  4.31  4.65
4. Did other evaluations reflect the expected goals    0  14  1  1  6 12  24  4.30  825/1615  ****  4.45  4.24  4.17  4.30
5. Did assigned readings contribute to what you learned 2   2  2  5 13 10  24  3.91 1010/1566  ****  4.39  4.07  4.03  3.91
6. Did written assignments contribute to what you learned 1  22  2  0  5 11  17  4.17  778/1528  ****  4.40  4.12  4.00  4.17
7. Was the grading system clearly explained            0   0  0  0  2  8  48  4.79  237/1650  ****  4.51  4.22  4.28  4.79
8. How many times was class cancelled                  0   0  0  0  0  6  52  4.90  693/1667  ****  4.86  4.67  4.61  4.90
9. How would you grade the overall teaching effectiveness 6   2  0  0  4 25  21  4.34  627/1626  ****  4.34  4.11  4.07  4.34


            Lecture
1. Were the instructor's lectures well prepared        3   0  0  0  1  4  50  4.89  291/1559  ****  4.65  4.46  4.47  4.89
2. Did the instructor seem interested in the subject   3   0  0  0  2  6  47  4.82  829/1560  ****  4.87  4.72  4.68  4.82
3. Was lecture material presented and explained clearly 3   0  0  0  2  8  45  4.78  323/1549  ****  4.48  4.31  4.32  4.78
4. Did the lectures contribute to what you learned     3   0  0  0  1  9  45  4.80  345/1546  ****  4.51  4.32  4.32  4.80
5. Did audiovisual techniques enhance your understanding 4   0  0  0  2  9  43  4.76  183/1323  ****  4.13  4.00  3.91  4.76


            Discussion
1. Did class discussions contribute to what you learned 53   0  0  0  1  2  2  4.20 ****/1384  ****  4.63  4.10  3.92  ****
2. Were all students actively encouraged to participate 54   0  0  0  0  2  2  4.50 ****/1378  ****  4.75  4.29  4.09  ****
3. Did the instructor encourage fair and open discussion 54   0  0  0  0  1  3  4.75 ****/1378  ****  4.89  4.31  4.08  ****
4. Were special techniques successful                  54   1  0  0  0  1  2  4.67 ****/ 904  ****  4.22  4.03  3.94  ****


            Laboratory
1. Did the lab increase understanding of the material  5   0  3  5 17 18 10  3.51  202/ 232  ****  3.79  4.19  4.25  3.51
2. Were you provided with adequate background information 5   0  1  3 15 20 14  3.81  182/ 239  ****  4.02  4.21  4.35  3.81
3. Were necessary materials available for lab activities 5   0  1  9 11 16 16  3.70  211/ 230  ****  4.14  4.44  4.58  3.70
4. Did the lab instructor provide assistance           5   1  0  4  9 10 29  4.23  142/ 231  ****  4.44  4.31  4.45  4.23
5. Were requirements for lab reports clearly specified 5   0  2  4  6 17 24  4.08  140/ 218  ****  4.25  4.18  4.47  4.08


            Seminar
1. Were assigned topics relevant to the announced theme 57   0  0  0  0  0  1  5.00 ****/  87  ****  4.95  4.65  4.67  ****
2. Was the instructor available for individual attention 57   0  0  0  0  0  1  5.00 ****/  79  ****  5.00  4.64  4.72  ****
3. Did research projects contribute to what you learned 57   0  0  0  0  0  1  5.00 ****/  75  ****  4.97  4.57  4.46  ****
4. Did presentations contribute to what you learned    57   0  0  0  0  0  1  5.00 ****/  79  ****  4.72  4.45  4.59  ****
5. Were criteria for grading made clear                57   0  0  0  0  0  1  5.00 ****/  80  ****  4.22  3.97  3.99  ****


            Field Work
1. Did field experience contribute to what you learned 57   0  0  0  0  0  1  5.00 ****/  41  ****  3.67  4.50  3.91  ****
2. Did you clearly understand your evaluation criteria 57   0  0  0  0  0  1  5.00 ****/  38  ****  ****  4.19  4.07  ****
3. Was the instructor available for consultation       57   0  0  0  0  0  1  5.00 ****/  38  ****  ****  4.62  4.63  ****
4. To what degree could you discuss your evaluations   57   0  0  0  0  0  1  5.00 ****/  39  ****  ****  4.27  4.42  ****
5. Did conferences help you carry out field activities 57   0  0  0  0  0  1  5.00 ****/  31  ****  ****  4.47  4.28  ****


            Self  Paced
1. Did self-paced system contribute to what you learned 57   0  0  0  0  0  1  5.00 ****/  28  ****  ****  4.64  4.59  ****
2. Did study questions make clear the expected goal    57   0  0  0  0  0  1  5.00 ****/  16  ****  ****  4.67  4.83  ****
3. Were your contacts with the instructor helpful      57   0  0  0  0  0  1  5.00 ****/  27  ****  ****  4.54  4.46  ****
4. Was the feedback/tutoring by proctors helpful       57   0  0  0  0  0  1  5.00 ****/  10  ****  ****  4.84  4.75  ****
5. Were there enough proctors for all the students     57   0  0  0  0  0  1  5.00 ****/   6  ****  ****  4.92  4.83  ****
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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	1	A	26	Required for Majors	0	Graduate	0	Major	0
28-55	2	1.00-1.99	0	B	20						
56-83	10	2.00-2.99	5	C	4	General	0	Under-grad	58	Non-major	8
84-150	11	3.00-3.49	7	D	0						
Grad.	0	3.50-4.00	8	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	47				
				?	0						

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Course-Section: PHYS 121  0101             University of Maryland                         Page 1277
Title       INTRODUCTORY PHYSICS I          Baltimore County                         AUG  6, 2008
Instructor: ANDERSON, ERIC  (Instr. A)      Spring 2008                              Job IRBR3029
Enrollment:   49
Questionnaires:  26                 Student Course Evaluation Questionnaire


                                         Frequencies       Instructor   Course Dept  UMBC Level  Sect
                Questions              NR  NA  1  2  3  4  5  Mean    Rank     Mean  Mean  Mean  Mean  Mean
------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course  0   0  0  0  1  9  16  4.58   589/1670  4.33  4.47  4.31  4.23  4.58
2. Did the instructor make clear the expected goals   0   0  0  0  4  9  13  4.35   858/1666  4.26  4.34  4.27  4.30  4.35
3. Did the exam questions reflect the expected goals  0   0  0  1  1  9  15  4.46   644/1406  4.33  4.40  4.32  4.31  4.46
4. Did other evaluations reflect the expected goals   0  10  0  4  1  7   4  3.69  1368/1615  3.90  4.21  4.24  4.17  3.69
5. Did assigned readings contribute to what you learned 1  2  0  3  4  6  10  4.00   851/1566  3.68  3.81  4.07  4.03  4.00
6. Did written assignments contribute to what you learned 1 9  1  2  6  5   2  3.31  1380/1528  3.47  4.00  4.12  4.00  3.31
7. Was the grading system clearly explained           1   0  0  1  3  6  15  4.40   720/1650  4.25  4.37  4.22  4.28  4.40
8. How many times was class cancelled                 1   1  0  0  0  8  16  4.67  1022/1667  4.69  4.83  4.67  4.61  4.67
9. How would you grade the overall teaching effectiveness 3 2 0  0  2 12   7  4.24   751/1626  3.76  4.06  4.11  4.07  3.77


                Lecture
1. Were the instructor's lectures well prepared       0   0  0  0  2  7  17  4.58   809/1559  4.30  4.54  4.46  4.47  4.58
2. Did the instructor seem interested in the subject  0   0  0  0  1  3  22  4.81   855/1560  4.60  4.78  4.72  4.68  4.81
3. Was lecture material presented and explained clearly 0  0  0  0  5  8  13  4.31   936/1549  4.03  4.33  4.31  4.32  4.31
4. Did the lectures contribute to what you learned    0   0  1  0  0  8  17  4.54   679/1546  4.19  4.37  4.32  4.32  4.54
5. Did audiovisual techniques enhance your understanding 0 4 0  0  2  7  13  4.50   326/1323  4.21  4.24  4.00  3.91  4.50


                Discussion
1. Did class discussions contribute to what you learned 1  0  2  3  4  7   9  3.72  1009/1384  3.95  4.01  4.10  3.92  3.72
2. Were all students actively encouraged to participate 1  0  1  0  6  8  10  4.04   954/1378  4.07  4.11  4.29  4.09  4.04
3. Did the instructor encourage fair and open discussion 1 0 1  1  2 11  10  4.12   937/1378  4.05  4.13  4.31  4.08  4.12
4. Were special techniques successful                 1   1  1  2  6  5  10  3.88   580/ 904  3.90  4.14  4.03  3.94  3.88

                                   Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons                Type                   Majors
------------------------------------------------------------------------------------------------------------
  00-27      4      0.00-0.99   0      A    9    Required for Majors   1    Graduate      0      Major        1
  28-55      6      1.00-1.99   0      B    5                              Under-grad   26      Non-major   25
  56-83      3      2.00-2.99   4      C    7    General               2    Under-grad   26      Non-major   25
  84-150     2      3.00-3.49   7      D    1
  Grad.      0      3.50-4.00   5      F    0    Electives             0    #### - Means there are not enough
                                       P    0                              responses to be significant
                                       I    0    Other                20
                                       ?    0
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Enrollment:    49
Questionnaires: 26                    Student Course Evaluation Questionnaire
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| | | | Frequencies | | | | | Instructor | | Course | Dept | UMBC | Level | Sect |
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	9	16	4.58	589/1670	4.33	4.47	4.31	4.23	4.58
2. Did the instructor make clear the expected goals	0	0	0	0	4	9	13	4.35	858/1666	4.26	4.34	4.27	4.30	4.35
3. Did the exam questions reflect the expected goals	0	0	0	1	1	9	15	4.46	644/1406	4.33	4.40	4.32	4.31	4.46
4. Did other evaluations reflect the expected goals	0	10	0	4	1	7	4	3.69	1368/1615	3.90	4.21	4.24	4.17	3.69
5. Did assigned readings contribute to what you learned	1	2	0	3	4	6	10	4.00	851/1566	3.68	3.81	4.07	4.03	4.00
6. Did written assignments contribute to what you learned	1	9	1	2	6	5	2	3.31	1380/1528	3.47	4.00	4.12	4.00	3.31
7. Was the grading system clearly explained	1	0	0	1	3	6	15	4.40	720/1650	4.25	4.37	4.22	4.28	4.40
8. How many times was class cancelled	1	1	0	0	0	8	16	4.67	1022/1667	4.69	4.83	4.67	4.61	4.67
9. How would you grade the overall teaching effectiveness	15	1	0	0	3	7	0	3.70	1289/1626	3.76	4.06	4.11	4.07	3.77
Lecture														
1. Were the instructor's lectures well prepared	25	0	0	0	1	0	0	3.00	****/1559	4.30	4.54	4.46	4.47	4.58
2. Did the instructor seem interested in the subject	24	0	0	0	1	1	0	3.50	****/1560	4.60	4.78	4.72	4.68	4.81
3. Was lecture material presented and explained clearly	24	0	0	0	2	0	0	3.00	****/1549	4.03	4.33	4.31	4.32	4.31
4. Did the lectures contribute to what you learned	24	0	0	1	1	0	0	2.50	****/1546	4.19	4.37	4.32	4.32	4.54
Discussion														
1. Did class discussions contribute to what you learned	1	0	2	3	4	7	9	3.72	1009/1384	3.95	4.01	4.10	3.92	3.72
2. Were all students actively encouraged to participate	1	0	1	0	6	8	10	4.04	954/1378	4.07	4.11	4.29	4.09	4.04
3. Did the instructor encourage fair and open discussion	1	0	1	1	2	11	10	4.12	937/1378	4.05	4.13	4.31	4.08	4.12
4. Were special techniques successful	1	1	1	2	6	5	10	3.88	580/ 904	3.90	4.14	4.03	3.94	3.88

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                                   Frequency Distribution
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Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	4	0.00-0.99	0	A	9	Required for Majors	1	Graduate	0	Major	1
28-55	6	1.00-1.99	0	B	5						
56-83	3	2.00-2.99	4	C	7	General	2	Under-grad	26	Non-major	25
84-150	2	3.00-3.49	7	D	1						
Grad.	0	3.50-4.00	5	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	20				
				?	0						

```
Course-Section: PHYS 121  0101            University of Maryland                         Page 1279
Title         INTRODUCTORY PHYSICS I        Baltimore County                          AUG  6, 2008
Instructor:   CORBITT, PAUL   (Instr. C)    Spring 2008                               Job IRBR3029
Enrollment:    49
Questionnaires:  26                 Student Course Evaluation Questionnaire


                                    Frequencies      Instructor   Course Dept  UMBC Level  Sect
              Questions             NR  NA  1  2  3  4  5  Mean     Rank     Mean Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course  0   0  0  0  1  9 16  4.58   589/1670  4.33 4.47  4.31 4.23  4.58
2. Did the instructor make clear the expected goals   0   0  0  0  4  9 13  4.35   858/1666  4.26 4.34  4.27 4.30  4.35
3. Did the exam questions reflect the expected goals  0   0  0  1  1  9 15  4.46   644/1406  4.33 4.40  4.32 4.31  4.46
4. Did other evaluations reflect the expected goals   0  10  0  4  1  7  4  3.69  1368/1615  3.90 4.21  4.24 4.17  3.69
5. Did assigned readings contribute to what you learned 1  2  0  3  4  6 10  4.00   851/1566  3.68 3.81  4.07 4.03  4.00
6. Did written assignments contribute to what you learned 1 9  1  2  6  5  2  3.31  1380/1528  3.47 4.00  4.12 4.00  3.31
7. Was the grading system clearly explained           1   0  0  1  3  6 15  4.40   720/1650  4.25 4.37  4.22 4.28  4.40
8. How many times was class cancelled                 1   1  0  0  0  8 16  4.67  1022/1667  4.69 4.83  4.67 4.61  4.67
9. How would you grade the overall teaching effectiveness 16 2 0 0  5  3  0  3.38  1448/1626  3.76 4.06  4.11 4.07  3.77


              Lecture
1. Were the instructor's lectures well prepared      23   0  0  0  2  1  0  3.33  ****/1559  4.30 4.54  4.46 4.47  4.58
2. Did the instructor seem interested in the subject 24   0  0  0  0  1  1  4.50  ****/1560  4.60 4.78  4.72 4.68  4.81
3. Was lecture material presented and explained clearly 24 0 0 0  1  0  1  4.00  ****/1549  4.03 4.33  4.31 4.32  4.31
4. Did the lectures contribute to what you learned   24   0  0  1  0  0  1  3.50  ****/1546  4.19 4.37  4.32 4.32  4.54


              Discussion
1. Did class discussions contribute to what you learned 1  0  2  3  4  7  9  3.72  1009/1384  3.95 4.01  4.10 3.92  3.72
2. Were all students actively encouraged to participate 1  0  1  0  6  8 10  4.04   954/1378  4.07 4.11  4.29 4.09  4.04
3. Did the instructor encourage fair and open discussion 1 0 1 1  2 11 10  4.12   937/1378  4.05 4.13  4.31 4.08  4.12
4. Were special techniques successful                 1   1  1  2  6  5 10  3.88   580/ 904  3.90 4.14  4.03 3.94  3.88

                                    Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
-----------------------------------------------------------------------------------------------------------
  00-27    4        0.00-0.99  0       A   9        Required for Majors  1     Graduate    0       Major      1
  28-55    6        1.00-1.99  0       B   5                                                                 
  56-83    3        2.00-2.99  4       C   7        General              2     Under-grad  26      Non-major  25
  84-150   2        3.00-3.49  7       D   1                                                                 
  Grad.    0        3.50-4.00  5       F   0        Electives            0     #### - Means there are not enough
                                       P   0                                   responses to be significant
                                       I   0        Other               20
                                       ?   0
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Course-Section: PHYS 121  0102           University of Maryland                        Page 1280
Title      INTRODUCTORY PHYSICS I          Baltimore County                           AUG  6, 2008
Instructor:   ANDERSON, ERIC  (Instr. A)    Spring 2008                               Job IRBR3029
Enrollment:    53
Questionnaires:  20              Student Course Evaluation Questionnaire


                                        Frequencies        Instructor   Course Dept  UMBC Level  Sect
             Questions              NR  NA  1  2  3  4   5  Mean     Rank    Mean Mean  Mean Mean  Mean
--------------------------------------------------------------------------------------------------------
             General
1. Did you gain new insights,skills from this course   0   0  1  1  4  7   7  3.90 1344/1670  4.33  4.47  4.31  4.23  3.90
2. Did the instructor make clear the expected goals    0   0  0  2  4  6   8  4.00 1199/1666  4.26  4.34  4.27  4.30  4.00
3. Did the exam questions reflect the expected goals   0   0  0  2  4  4  10  4.10  997/1406  4.33  4.40  4.32  4.31  4.10
4. Did other evaluations reflect the expected goals    0   8  1  1  2  3   5  3.83 1276/1615  3.90  4.21  4.24  4.17  3.83
5. Did assigned readings contribute to what you learned 0  7  4  1  1  4   3  3.08 1465/1566  3.68  3.81  4.07  4.03  3.08
6. Did written assignments contribute to what you learned 0 9 0 3 3 3   2  3.36 1351/1528  3.47  4.00  4.12  4.00  3.36
7. Was the grading system clearly explained            0   0  1  1  3  6   9  4.05 1107/1650  4.25  4.37  4.22  4.28  4.05
8. How many times was class cancelled                  0   0  0  0  0  5  15  4.75  922/1667  4.69  4.83  4.67  4.61  4.75
9. How would you grade the overall teaching effectiveness 4 0 0 2 7 3   4  3.56 1361/1626  3.76  4.06  4.11  4.07  3.11


             Lecture
1. Were the instructor's lectures well prepared        0   0  1  1  5  4   9  3.95 1316/1559  4.30  4.54  4.46  4.47  3.95
2. Did the instructor seem interested in the subject   0   0  0  0  2  5  13  4.55 1205/1560  4.60  4.78  4.72  4.68  4.55
3. Was lecture material presented and explained clearly 0  0  2  2  5  4   7  3.60 1365/1549  4.03  4.33  4.31  4.32  3.20
4. Did the lectures contribute to what you learned     0   0  2  2  6  2   8  3.60 1354/1546  4.19  4.37  4.32  4.32  3.60
5. Did audiovisual techniques enhance your understanding 0 2 2 0 3 6   7  3.89  834/1323  4.21  4.24  4.00  3.91  3.89


             Discussion
1. Did class discussions contribute to what you learned 0  0  3  4  5  1   7  3.25 1200/1384  3.95  4.01  4.10  3.92  3.25
2. Were all students actively encouraged to participate 0  0  5  2  1  4   8  3.40 1228/1378  4.07  4.11  4.29  4.09  3.40
3. Did the instructor encourage fair and open discussion 0 0 4 3 5 4   4  3.05 1302/1378  4.05  4.13  4.31  4.08  3.05
4. Were special techniques successful                  0   4  3  3  0  3   7  3.50  718/ 904  3.90  4.14  4.03  3.94  3.50

                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
--------------------------------------------------------------------------------------------------------
  00-27    12      0.00-0.99    0      A    7      Required for Majors   0     Graduate     0       Major       0
  28-55     5      1.00-1.99    0      B    6
  56-83     1      2.00-2.99    3      C    6      General               0     Under-grad  20       Non-major  20
  84-150    0      3.00-3.49    5      D    0
  Grad.     0      3.50-4.00    7      F    0      Electives             0     #### - Means there are not enough
                                       P    0                                 responses to be significant
                                       I    0      Other                20
                                       ?    0
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Course-Section: PHYS 121  0102          University of Maryland                              Page 1281
Title        INTRODUCTORY PHYSICS I        Baltimore County                               AUG  6, 2008
Instructor:  CORBITT, PAUL   (Instr. C)      Spring 2008                                  Job IRBR3029
Enrollment:     53
Questionnaires:  20                    Student Course Evaluation Questionnaire


                                       Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions             NR  NA  1  2  3  4  5  Mean     Rank   Mean  Mean  Mean  Mean  Mean
------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course    0   0   1  1  4  7  7  3.90 1344/1670  4.33  4.47  4.31  4.23  3.90
2. Did the instructor make clear the expected goals     0   0   0  2  4  6  8  4.00 1199/1666  4.26  4.34  4.27  4.30  4.00
3. Did the exam questions reflect the expected goals    0   0   0  2  4  4 10  4.10  997/1406  4.33  4.40  4.32  4.31  4.10
4. Did other evaluations reflect the expected goals     0   8   1  1  2  3  5  3.83 1276/1615  3.90  4.21  4.24  4.17  3.83
5. Did assigned readings contribute to what you learned 0   7   4  1  1  4  3  3.08 1465/1566  3.68  3.81  4.07  4.03  3.08
6. Did written assignments contribute to what you learned 0 9   0  3  3  3  2  3.36 1351/1528  3.47  4.00  4.12  4.00  3.36
7. Was the grading system clearly explained             0   0   1  1  3  6  9  4.05 1107/1650  4.25  4.37  4.22  4.28  4.05
8. How many times was class cancelled                   0   0   0  0  0  5 15  4.75  922/1667  4.69  4.83  4.67  4.61  4.75
9. How would you grade the overall teaching effectiveness 15 3  0  0  1  0  1  4.00 ****/1626  3.76  4.06  4.11  4.07  3.11


                 Discussion
1. Did class discussions contribute to what you learned 0   0   3  4  5  1  7  3.25 1200/1384  3.95  4.01  4.10  3.92  3.25
2. Were all students actively encouraged to participate 0   0   5  2  1  4  8  3.40 1228/1378  4.07  4.11  4.29  4.09  3.40
3. Did the instructor encourage fair and open discussion 0  0   4  3  5  4  4  3.05 1302/1378  4.05  4.13  4.31  4.08  3.05
4. Were special techniques successful                   0   4   3  3  0  3  7  3.50  718/ 904  3.90  4.14  4.03  3.94  3.50

                                       Frequency Distribution


Credits Earned          Cum. GPA        Expected Grades          Reasons                Type                Majors
------------------------------------------------------------------------------------------------------
  00-27    12      0.00-0.99    0         A    7      Required for Majors  0      Graduate     0      Major        0
  28-55     5      1.00-1.99    0         B    6
  56-83     1      2.00-2.99    3         C    6      General              0      Under-grad  20      Non-major   20
  84-150    0      3.00-3.49    5         D    0
  Grad.     0      3.50-4.00    7         F    0      Electives            0      #### - Means there are not enough
                                          P    0                                 responses to be significant
                                          I    0      Other               20
                                          ?    0
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Course-Section: PHYS 121  0103            University of Maryland                      Page 1282
Title       INTRODUCTORY PHYSICS I          Baltimore County                       AUG  6, 2008
Instructor:  ANDERSON, ERIC  (Instr. A)     Spring 2008                            Job IRBR3029
Enrollment:     52
Questionnaires: 16              Student Course Evaluation Questionnaire


                                      Frequencies        Instructor   Course Dept  UMBC Level  Sect
              Questions             NR  NA  1  2  3  4  5  Mean    Rank    Mean  Mean  Mean Mean  Mean
------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course   0   0  0  0  2  5  9  4.44  765/1670  4.33  4.47  4.31  4.23  4.44
2. Did the instructor make clear the expected goals    0   0  0  0  1  7  8  4.44  735/1666  4.26  4.34  4.27  4.30  4.44
3. Did the exam questions reflect the expected goals   0   0  0  1  3  7  5  4.00 1057/1406  4.33  4.40  4.32  4.31  4.00
4. Did other evaluations reflect the expected goals    0   8  0  0  3  4  1  3.75 1325/1615  3.90  4.21  4.24  4.17  3.75
5. Did assigned readings contribute to what you learned 0  4  0  2  1  5  4  3.92  994/1566  3.68  3.81  4.07  4.03  3.92
6. Did written assignments contribute to what you learned 0 5 1 2 2 4 2  3.36 1351/1528  3.47  4.00  4.12  4.00  3.36
7. Was the grading system clearly explained            0   0  0  0  3  8  5  4.13 1055/1650  4.25  4.37  4.22  4.28  4.13
8. How many times was class cancelled                  0   0  0  0  0  4 12  4.75  922/1667  4.69  4.83  4.67  4.61  4.75
9. How would you grade the overall teaching effectiveness 4 0 0 0 2 6 4  4.17  831/1626  3.76  4.06  4.11  4.07  3.99


                Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  7  9  4.56  821/1559  4.30  4.54  4.46  4.47  4.56
2. Did the instructor seem interested in the subject   0   0  0  0  0  2 14  4.88  673/1560  4.60  4.78  4.72  4.68  4.88
3. Was lecture material presented and explained clearly 0  0  0  0  2  7  7  4.31  924/1549  4.03  4.33  4.31  4.32  4.31
4. Did the lectures contribute to what you learned     0   0  0  0  2  6  8  4.38  879/1546  4.19  4.37  4.32  4.32  4.38
5. Did audiovisual techniques enhance your understanding 0 0 0 0 4 8 4  4.00  692/1323  4.21  4.24  4.00  3.91  4.00


                Discussion
1. Did class discussions contribute to what you learned 0  0  0  0  4  5  7  4.19  721/1384  3.95  4.01  4.10  3.92  4.19
2. Were all students actively encouraged to participate 0  0  0  0  0  8  8  4.50  603/1378  4.07  4.11  4.29  4.09  4.50
3. Did the instructor encourage fair and open discussion 0 0 0 0 1 5 10  4.56  615/1378  4.05  4.13  4.31  4.08  4.56
4. Were special techniques successful                  0   1  0  0  3  7  5  4.13  429/ 904  3.90  4.14  4.03  3.94  4.13

                              Frequency Distribution

Credits Earned       Cum. GPA       Expected Grades        Reasons                Type                   Majors
------------------------------------------------------------------------------------------------------------------------
00-27      5     0.00-0.99    0      A    3    Required for Majors   1    Graduate     0    Major        0
28-55      3     1.00-1.99    0      B    8
56-83      1     2.00-2.99    3      C    3    General               0    Under-grad  16    Non-major   16
84-150     0     3.00-3.49    1      D    0
Grad.      0     3.50-4.00    5      F    0    Electives             0    #### - Means there are not enough
                                     P    0                              responses to be significant
                                     I    0    Other                13
                                     ?    0
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Course-Section: PHYS 121  0103           University of Maryland                            Page 1283
Title         INTRODUCTORY PHYSICS I      Baltimore County                            AUG  6, 2008
Instructor:   DE SOUZA-MACHAD (Instr. B)   Spring 2008                                Job IRBR3029
Enrollment:   52
Questionnaires: 16                 Student Course Evaluation Questionnaire

                                         Frequencies      Instructor   Course Dept  UMBC Level  Sect
                Questions              NR  NA  1  2  3  4  5  Mean    Rank      Mean  Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course    0   0  0  0  2  5  9  4.44  765/1670  4.33  4.47  4.31  4.23  4.44
2. Did the instructor make clear the expected goals     0   0  0  0  1  7  8  4.44  735/1666  4.26  4.34  4.27  4.30  4.44
3. Did the exam questions reflect the expected goals    0   0  0  1  3  7  5  4.00 1057/1406  4.33  4.40  4.32  4.31  4.00
4. Did other evaluations reflect the expected goals     0   8  0  0  3  4  1  3.75 1325/1615  3.90  4.21  4.24  4.17  3.75
5. Did assigned readings contribute to what you learned 0   4  0  2  1  5  4  3.92  994/1566  3.68  3.81  4.07  4.03  3.92
6. Did written assignments contribute to what you learned 0 5  1  2  2  4  2  3.36 1351/1528  3.47  4.00  4.12  4.00  3.36
7. Was the grading system clearly explained             0   0  0  0  3  8  5  4.13 1055/1650  4.25  4.37  4.22  4.28  4.13
8. How many times was class cancelled                   0   0  0  0  0  4 12  4.75  922/1667  4.69  4.83  4.67  4.61  4.75
9. How would you grade the overall teaching effectiveness 11 0 1 0  0  3  1  3.60 1347/1626  3.76  4.06  4.11  4.07  3.99


                Lecture
1. Were the instructor's lectures well prepared        15   0  0  0  0  1  0  4.00 ****/1559  4.30  4.54  4.46  4.47  4.56
2. Did the instructor seem interested in the subject   14   0  0  0  1  0  1  4.00 ****/1560  4.60  4.78  4.72  4.68  4.88
3. Was lecture material presented and explained clearly 14  0  0  0  0  0  2  5.00 ****/1549  4.03  4.33  4.31  4.32  4.31
4. Did the lectures contribute to what you learned     14   0  0  0  0  0  2  5.00 ****/1546  4.19  4.37  4.32  4.32  4.38
5. Did audiovisual techniques enhance your understanding 13 2 0 0  1  0  0  3.00 ****/1323  4.21  4.24  4.00  3.91  4.00


                Discussion
1. Did class discussions contribute to what you learned 0   0  0  0  4  5  7  4.19  721/1384  3.95  4.01  4.10  3.92  4.19
2. Were all students actively encouraged to participate 0   0  0  0  0  8  8  4.50  603/1378  4.07  4.11  4.29  4.09  4.50
3. Did the instructor encourage fair and open discussion 0  0  0  0  1  5 10  4.56  615/1378  4.05  4.13  4.31  4.08  4.56
4. Were special techniques successful                   0   1  0  0  3  7  5  4.13  429/ 904  3.90  4.14  4.03  3.94  4.13

                              Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades         Reasons                    Type                   Majors
-----------------------------------------------------------------------------------------------------------------------
00-27       5      0.00-0.99    0       A    3       Required for Majors   1     Graduate     0       Major         0
28-55       3      1.00-1.99    0       B    8
56-83       1      2.00-2.99    3       C    3       General               0     Under-grad  16       Non-major    16
84-150      0      3.00-3.49    1       D    0
Grad.       0      3.50-4.00    5       F    0       Electives             0     #### - Means there are not enough
                                        P    0                                   responses to be significant
                                        I    0       Other                13
                                        ?    0
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Course-Section: PHYS 121  0103              University of Maryland                           Page 1284
Title        INTRODUCTORY PHYSICS I          Baltimore County                              AUG  6, 2008
Instructor:  CORBITT, PAUL   (Instr. C)      Spring 2008                                   Job IRBR3029
Enrollment:     52
Questionnaires: 16                   Student Course Evaluation Questionnaire


                                        Frequencies        Instructor   Course Dept  UMBC Level  Sect
                Questions                NR  NA  1  2  3  4  5  Mean     Rank      Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course    0   0  0  0  2  5  9  4.44   765/1670  4.33 4.47  4.31 4.23  4.44
2. Did the instructor make clear the expected goals     0   0  0  0  1  7  8  4.44   735/1666  4.26 4.34  4.27 4.30  4.44
3. Did the exam questions reflect the expected goals    0   0  0  1  3  7  5  4.00  1057/1406  4.33 4.40  4.32 4.31  4.00
4. Did other evaluations reflect the expected goals     0   8  0  0  3  4  1  3.75  1325/1615  3.90 4.21  4.24 4.17  3.75
5. Did assigned readings contribute to what you learned 0   4  0  2  1  5  4  3.92   994/1566  3.68 3.81  4.07 4.03  3.92
6. Did written assignments contribute to what you learned 0 5  1  2  2  4  2  3.36  1351/1528  3.47 4.00  4.12 4.00  3.36
7. Was the grading system clearly explained             0   0  0  0  3  8  5  4.13  1055/1650  4.25 4.37  4.22 4.28  4.13
8. How many times was class cancelled                   0   0  0  0  0  4 12  4.75   922/1667  4.69 4.83  4.67 4.61  4.75
9. How would you grade the overall teaching effectiveness 11 0  0  0  0  4  1  4.20   797/1626  3.76 4.06  4.11 4.07  3.99


                Lecture
1. Were the instructor's lectures well prepared        15   0  0  0  0  1  0  4.00  ****/1559  4.30 4.54  4.46 4.47  4.56
2. Did the instructor seem interested in the subject   14   0  0  0  1  0  1  4.00  ****/1560  4.60 4.78  4.72 4.68  4.88
3. Was lecture material presented and explained clearly 14  0  0  0  0  0  2  5.00  ****/1549  4.03 4.33  4.31 4.32  4.31
4. Did the lectures contribute to what you learned     14   0  0  0  0  0  2  5.00  ****/1546  4.19 4.37  4.32 4.32  4.38
5. Did audiovisual techniques enhance your understanding 13 2  0  0  1  0  0  3.00  ****/1323  4.21 4.24  4.00 3.91  4.00


                Discussion
1. Did class discussions contribute to what you learned 0   0  0  0  4  5  7  4.19   721/1384  3.95 4.01  4.10 3.92  4.19
2. Were all students actively encouraged to participate 0   0  0  0  0  8  8  4.50   603/1378  4.07 4.11  4.29 4.09  4.50
3. Did the instructor encourage fair and open discussion 0  0  0  0  1  5 10  4.56   615/1378  4.05 4.13  4.31 4.08  4.56
4. Were special techniques successful                   0   1  0  0  3  7  5  4.13   429/ 904  3.90 4.14  4.03 3.94  4.13


                                     Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades          Reasons                  Type                    Majors
-------------------------------------------------------------------------------------------------------------------------
00-27     5      0.00-0.99    0        A    3         Required for Majors   1      Graduate     0        Major        0
28-55     3      1.00-1.99    0        B    8
56-83     1      2.00-2.99    3        C    3         General               0      Under-grad  16        Non-major   16
84-150    0      3.00-3.49    1        D    0
Grad.     0      3.50-4.00    5        F    0         Electives             0      #### - Means there are not enough
                                       P    0                                      responses to be significant
                                       I    0         Other                13
                                       ?    0
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Enrollment: 52
Questionnaires: 21   Student Course Evaluation Questionnaire

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                                           Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions                NR  NA  1  2  3  4  5  Mean    Rank      Mean  Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0   0   2   4   6   9  4.05 1194/1670  4.33  4.47  4.31  4.23  4.05
2. Did the instructor make clear the expected goals    0   0   0   0   5   9   7  4.10 1142/1666  4.26  4.34  4.27  4.30  4.10
3. Did the exam questions reflect the expected goals   0   0   0   1   2   4  14  4.48  632/1406  4.33  4.40  4.32  4.31  4.48
4. Did other evaluations reflect the expected goals    0   8   0   0   3   3   7  4.31  813/1615  3.90  4.21  4.24  4.17  4.31
5. Did assigned readings contribute to what you learned 0  4   1   2   6   5   3  3.41 1341/1566  3.68  3.81  4.07  4.03  3.41
6. Did written assignments contribute to what you learned 1 5   2   0   1   7   5  3.87 1072/1528  3.47  4.00  4.12  4.00  3.87
7. Was the grading system clearly explained            0   0   1   1   4   7   8  3.95 1206/1650  4.25  4.37  4.22  4.28  3.95
8. How many times was class cancelled                  0   1   0   0   0   7  13  4.65 1032/1667  4.69  4.83  4.67  4.61  4.65
9. How would you grade the overall teaching effectiveness 5 0  0   0   2   8   6  4.25  728/1626  3.76  4.06  4.11  4.07  3.72


                 Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   2   4  15  4.62  755/1559  4.30  4.54  4.46  4.47  4.23
2. Did the instructor seem interested in the subject   1   0   0   1   1   2  16  4.65 1102/1560  4.60  4.78  4.72  4.68  4.16
3. Was lecture material presented and explained clearly 0  0   0   0   3   8  10  4.33  900/1549  4.03  4.33  4.31  4.32  4.17
4. Did the lectures contribute to what you learned     0   1   1   0   3   5  11  4.25  987/1546  4.19  4.37  4.32  4.32  3.96
5. Did audiovisual techniques enhance your understanding 2 1  0   1   3   6   8  4.17  612/1323  4.21  4.24  4.00  3.91  4.17


                 Discussion
1. Did class discussions contribute to what you learned 0  0   0   1   1   7  12  4.43  519/1384  3.95  4.01  4.10  3.92  4.43
2. Were all students actively encouraged to participate 0  0   1   0   5   5  10  4.10  935/1378  4.07  4.11  4.29  4.09  4.10
3. Did the instructor encourage fair and open discussion 0 0  0   0   4   7  10  4.29  850/1378  4.05  4.13  4.31  4.08  4.29
4. Were special techniques successful                  0   4   1   1   1   7   7  4.06  451/ 904  3.90  4.14  4.03  3.94  4.06
```

                               Frequency Distribution

```
Credits Earned        Cum. GPA        Expected Grades        Reasons                 Type                    Majors
-----------------------------------------------------------------------------------------------------------------
00-27      4          0.00-0.99   0      A    6       Required for Majors  0     Graduate     0       Major        1
28-55      4          1.00-1.99   0      B    5
56-83      0          2.00-2.99   4      C    8       General              0     Under-grad  21       Non-major   20
84-150     0          3.00-3.49   0      D    0
Grad.      0          3.50-4.00   6      F    0       Electives            0     #### - Means there are not enough
                                         P    0                                 responses to be significant
                                         I    0       Other               19
                                         ?    0
```

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Course-Section: PHYS 121  0104            University of Maryland                              Page 1286
Title          INTRODUCTORY PHYSICS I     Baltimore County                                   AUG  6, 2008
Instructor:    CORBITT, PAUL   (Instr. C)  Spring 2008                                        Job IRBR3029
Enrollment:    52
Questionnaires: 21                         Student Course Evaluation Questionnaire


                                           Frequencies         Instructor   Course Dept  UMBC Level  Sect
                 Questions                NR  NA  1  2  3  4  5  Mean    Rank      Mean Mean  Mean Mean  Mean
------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  0  2  4  6  9  4.05 1194/1670  4.33  4.47  4.31 4.23  4.05
2. Did the instructor make clear the expected goals    0   0  0  0  5  9  7  4.10 1142/1666  4.26  4.34  4.27 4.30  4.10
3. Did the exam questions reflect the expected goals   0   0  0  1  2  4 14  4.48  632/1406  4.33  4.40  4.32 4.31  4.48
4. Did other evaluations reflect the expected goals    0   8  0  0  3  3  7  4.31  813/1615  3.90  4.21  4.24 4.17  4.31
5. Did assigned readings contribute to what you learned 0  4  1  2  6  5  3  3.41 1341/1566  3.68  3.81  4.07 4.03  3.41
6. Did written assignments contribute to what you learned 1 5 2 0 1 7 5  3.87 1072/1528  3.47  4.00  4.12 4.00  3.87
7. Was the grading system clearly explained            0   0  1  1  4  7  8  3.95 1206/1650  4.25  4.37  4.22 4.28  3.95
8. How many times was class cancelled                  0   1  0  0  0  7 13  4.65 1032/1667  4.69  4.83  4.67 4.61  4.65
9. How would you grade the overall teaching effectiveness 18 0 0 0 1 1 1  4.00 ****/1626  3.76  4.06  4.11 4.07  3.72


                 Lecture
1. Were the instructor's lectures well prepared        18  0  0  0  1  1  1  4.00 ****/1559  4.30  4.54  4.46 4.47  4.23
2. Did the instructor seem interested in the subject   18  0  0  0  1  0  2  4.33 ****/1560  4.60  4.78  4.72 4.68  4.16
3. Was lecture material presented and explained clearly 18 0  0  0  1  0  2  4.33 ****/1549  4.03  4.33  4.31 4.32  4.17
4. Did the lectures contribute to what you learned     18  0  0  0  1  0  2  4.33 ****/1546  4.19  4.37  4.32 4.32  3.96
5. Did audiovisual techniques enhance your understanding 19 0 0 0 0 0 2  5.00 ****/1323  4.21  4.24  4.00 3.91  4.17


                 Discussion
1. Did class discussions contribute to what you learned  0  0  0  1  1  7 12  4.43  519/1384  3.95  4.01  4.10 3.92  4.43
2. Were all students actively encouraged to participate  0  0  1  0  5  5 10  4.10  935/1378  4.07  4.11  4.29 4.09  4.10
3. Did the instructor encourage fair and open discussion 0  0  0  0  4  7 10  4.29  850/1378  4.05  4.13  4.31 4.08  4.29
4. Were special techniques successful                    0  4  1  1  1  7  7  4.06  451/ 904  3.90  4.14  4.03 3.94  4.06

                                    Frequency Distribution

Credits Earned          Cum. GPA         Expected Grades           Reasons              Type              Majors
------------------------------------------------------------------------------------------------------------
  00-27     4          0.00-0.99   0       A    6       Required for Majors   0     Graduate    0      Major       1
  28-55     4          1.00-1.99   0       B    5
  56-83     0          2.00-2.99   4       C    8       General               0     Under-grad  21     Non-major   20
  84-150    0          3.00-3.49   0       D    0
  Grad.     0          3.50-4.00   6       F    0       Electives             0     #### - Means there are not enough
                                           P    0                                   responses to be significant
                                           I    0       Other                19
                                           ?    0
```

```
Course-Section: PHYS 121  0105                University of Maryland                          Page 1287
Title      INTRODUCTORY PHYSICS I              Baltimore County                              AUG  6, 2008
Instructor:   ANDERSON, ERIC                      Spring 2008                               Job IRBR3029
Enrollment:   42
Questionnaires:  6                     Student Course Evaluation Questionnaire
```

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                                                 Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions                NR  NA  1   2   3   4   5  Mean    Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0   0   0   0   0   6  5.00    1/1670  4.33  4.47  4.31  4.23  5.00
2. Did the instructor make clear the expected goals    0   0   0   0   1   2   3  4.33   870/1666  4.26  4.34  4.27  4.30  4.33
3. Did the exam questions reflect the expected goals   0   0   0   0   0   0   6  5.00    1/1406  4.33  4.40  4.32  4.31  5.00
4. Did other evaluations reflect the expected goals    0   4   0   0   0   1   1  4.50   552/1615  3.90  4.21  4.24  4.17  4.50
5. Did assigned readings contribute to what you learned 0  1   0   0   2   1   2  4.00   851/1566  3.68  3.81  4.07  4.03  4.00
6. Did written assignments contribute to what you learned 0 1  0   0   1   2   2  4.20   760/1528  3.47  4.00  4.12  4.00  4.20
7. Was the grading system clearly explained            0   0   0   0   0   1   5  4.83   208/1650  4.25  4.37  4.22  4.28  4.83
8. How many times was class cancelled                  0   0   0   0   0   4   2  4.33  1310/1667  4.69  4.83  4.67  4.61  4.33
9. How would you grade the overall teaching effectiveness 1 0  0   0   0   2   3  4.60   324/1626  3.76  4.06  4.11  4.07  4.60


                 Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   0   1   5  4.83   387/1559  4.30  4.54  4.46  4.47  4.83
2. Did the instructor seem interested in the subject   0   0   0   0   0   0   6  5.00    1/1560  4.60  4.78  4.72  4.68  5.00
3. Was lecture material presented and explained clearly 0  0   0   0   1   0   5  4.67   488/1549  4.03  4.33  4.31  4.32  4.67
4. Did the lectures contribute to what you learned     0   0   0   0   0   2   4  4.67   520/1546  4.19  4.37  4.32  4.32  4.67
5. Did audiovisual techniques enhance your understanding 0 1  0   0   1   1   3  4.40   423/1323  4.21  4.24  4.00  3.91  4.40


                 Discussion
1. Did class discussions contribute to what you learned 0  0   1   0   0   0   5  4.33   608/1384  3.95  4.01  4.10  3.92  4.33
2. Were all students actively encouraged to participate 0  0   0   1   0   1   4  4.33   797/1378  4.07  4.11  4.29  4.09  4.33
3. Did the instructor encourage fair and open discussion 0 0  0   2   0   0   4  4.00   977/1378  4.05  4.13  4.31  4.08  4.00
4. Were special techniques successful                  0   2   0   0   2   0   2  4.00   461/ 904  3.90  4.14  4.03  3.94  4.00
```

```
                                          Frequency Distribution


Credits Earned          Cum. GPA         Expected Grades            Reasons                  Type                    Majors
-------------------------------------------------------------------------------------------------------------------------------
  00-27      3      0.00-0.99    0         A    3       Required for Majors   0      Graduate     0       Major        1
  28-55      0      1.00-1.99    0         B    2
  56-83      1      2.00-2.99    1         C    0       General               0      Under-grad   6       Non-major    5
  84-150     0      3.00-3.49    1         D    0
  Grad.      0      3.50-4.00    1         F    0       Electives             0      #### - Means there are not enough
                                          P    0                                     responses to be significant
                                          I    0       Other                 5
                                          ?    0
```

Enrollment: 50
Questionnaires: 25   Student Course Evaluation Questionnaire

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                                         Frequencies        Instructor   Course Dept  UMBC Level  Sect
                Questions                NR  NA  1  2  3  4  5  Mean    Rank     Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course  1  0  2  0  1 10 11  4.17 1094/1670  4.33  4.47  4.31  4.23  4.17
2. Did the instructor make clear the expected goals   1  0  0  1  3  9 11  4.25  967/1666  4.26  4.34  4.27  4.30  4.25
3. Did the exam questions reflect the expected goals  0  0  0  0  2 11 12  4.40  715/1406  4.33  4.40  4.32  4.31  4.40
4. Did other evaluations reflect the expected goals   1 10  0  1  4  6  3  3.79 1306/1615  3.90  4.21  4.24  4.17  3.79
5. Did assigned readings contribute to what you learned 0  5  3  1  2 10  4  3.55 1257/1566  3.68  3.81  4.07  4.03  3.55
6. Did written assignments contribute to what you learned 1  9  2  2  4  5  2  3.20 1413/1528  3.47  4.00  4.12  4.00  3.20
7. Was the grading system clearly explained           1  0  0  0  3  8 13  4.42  705/1650  4.25  4.37  4.22  4.28  4.42
8. How many times was class cancelled                 0  1  0  0  0  5 19  4.79  873/1667  4.69  4.83  4.67  4.61  4.79
9. How would you grade the overall teaching effectiveness 4  1  0  2  0 10  8  4.20  797/1626  3.76  4.06  4.11  4.07  3.69

                Lecture
1. Were the instructor's lectures well prepared       0  0  0  0  4  3 18  4.56  821/1559  4.30  4.54  4.46  4.47  3.99
2. Did the instructor seem interested in the subject  1  0  0  0  1  6 17  4.67 1090/1560  4.60  4.78  4.72  4.68  4.67
3. Was lecture material presented and explained clearly 1  0  0  0  5  8 11  4.25  977/1549  4.03  4.33  4.31  4.32  4.25
4. Did the lectures contribute to what you learned    1  0  0  1  3  9 11  4.25  987/1546  4.19  4.37  4.32  4.32  4.25
5. Did audiovisual techniques enhance your understanding 0  1  0  0  5  7 12  4.29  514/1323  4.21  4.24  4.00  3.91  4.29

                Discussion
1. Did class discussions contribute to what you learned 2  0  0  2  5  8  8  3.96  876/1384  3.95  4.01  4.10  3.92  3.96
2. Were all students actively encouraged to participate 2  0  0  2  5  7  9  4.00  970/1378  4.07  4.11  4.29  4.09  4.00
3. Did the instructor encourage fair and open discussion 2  0  0  1  8  5  9  3.96 1016/1378  4.05  4.13  4.31  4.08  3.96
4. Were special techniques successful                 3  1  1  3  4  5  8  3.76  624/ 904  3.90  4.14  4.03  3.94  3.76
```

                                    Frequency Distribution

```
Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
-------------------------------------------------------------------------------------------------------------
00-27      7          0.00-0.99   0    A    5      Required for Majors  0    Graduate    0      Major       0
28-55      5          1.00-1.99   0    B   10
56-83      1          2.00-2.99   4    C    4      General              0    Under-grad  25     Non-major  25
84-150     1          3.00-3.49   3    D    1
Grad.      0          3.50-4.00   6    F    0      Electives            0    #### - Means there are not enough
                                      P    0                                 responses to be significant
                                      I    0      Other               20
                                      ?    1
```

Enrollment: 50
Questionnaires: 25   Student Course Evaluation Questionnaire

```
                                               Frequencies      Instructor   Course Dept  UMBC Level  Sect
               Questions                 NR  NA  1  2  3  4  5  Mean    Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
             General
1. Did you gain new insights,skills from this course  1   0  2  0  1 10 11  4.17 1094/1670  4.33  4.47  4.31  4.23  4.17
2. Did the instructor make clear the expected goals   1   0  0  1  3  9 11  4.25  967/1666  4.26  4.34  4.27  4.30  4.25
3. Did the exam questions reflect the expected goals  0   0  0  0  2 11 12  4.40  715/1406  4.33  4.40  4.32  4.31  4.40
4. Did other evaluations reflect the expected goals   1  10  0  1  4  6  3  3.79 1306/1615  3.90  4.21  4.24  4.17  3.79
5. Did assigned readings contribute to what you learned 0   5  3  1  2 10  4  3.55 1257/1566  3.68  3.81  4.07  4.03  3.55
6. Did written assignments contribute to what you learned 1   9  2  2  4  5  2  3.20 1413/1528  3.47  4.00  4.12  4.00  3.20
7. Was the grading system clearly explained           1   0  0  0  3  8 13  4.42  705/1650  4.25  4.37  4.22  4.28  4.42
8. How many times was class cancelled                 0   1  0  0  0  5 19  4.79  873/1667  4.69  4.83  4.67  4.61  4.79
9. How would you grade the overall teaching effectiveness 19  0  0  0  2  3  1  3.83 ****/1626  3.76  4.06  4.11  4.07  3.69


             Lecture
1. Were the instructor's lectures well prepared       20   0  0  0  1  2  2  4.20 ****/1559  4.30  4.54  4.46  4.47  3.99
2. Did the instructor seem interested in the subject  21   0  0  0  2  1  1  3.75 ****/1560  4.60  4.78  4.72  4.68  4.67
3. Was lecture material presented and explained clearly 21   0  0  0  1  1  2  4.25 ****/1549  4.03  4.33  4.31  4.32  4.25
4. Did the lectures contribute to what you learned    21   0  1  0  1  0  2  3.50 ****/1546  4.19  4.37  4.32  4.32  4.25
5. Did audiovisual techniques enhance your understanding 20   2  0  1  1  0  1  3.33 ****/1323  4.21  4.24  4.00  3.91  4.29


             Discussion
1. Did class discussions contribute to what you learned 2   0  0  2  5  8  8  3.96  876/1384  3.95  4.01  4.10  3.92  3.96
2. Were all students actively encouraged to participate 2   0  0  2  5  7  9  4.00  970/1378  4.07  4.11  4.29  4.09  4.00
3. Did the instructor encourage fair and open discussion 2   0  0  1  8  5  9  3.96 1016/1378  4.05  4.13  4.31  4.08  3.96
4. Were special techniques successful                 3   1  1  3  4  5  8  3.76  624/ 904  3.90  4.14  4.03  3.94  3.76
```

                                    Frequency Distribution

```
Credits Earned        Cum. GPA        Expected Grades         Reasons                    Type                    Majors
----------------------------------------------------------------------------------------------------------------------
00-27      7      0.00-0.99    0      A    5      Required for Majors   0    Graduate      0      Major        0
28-55      5      1.00-1.99    0      B   10
56-83      1      2.00-2.99    4      C    4      General               0    Under-grad   25      Non-major   25
84-150     1      3.00-3.49    3      D    1
Grad.      0      3.50-4.00    6      F    0      Electives             0    #### - Means there are not enough
                                      P    0                                responses to be significant
                                      I    0      Other                20
                                      ?    1
```

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Enrollment:    35
Questionnaires: 23              Student Course Evaluation Questionnaire


                                            Frequencies      Instructor   Course Dept  UMBC Level  Sect
                Questions                NR  NA  1  2  3  4   5  Mean    Rank      Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course    0   0  0  1  2  8  12  4.35  889/1670  4.44  4.47  4.31  4.23  4.35
2. Did the instructor make clear the expected goals     0   0  0  0  3  7  13  4.43  735/1666  4.42  4.34  4.27  4.30  4.43
3. Did the exam questions reflect the expected goals    0   0  0  0  1 11  11  4.43  679/1406  4.45  4.40  4.32  4.31  4.43
4. Did other evaluations reflect the expected goals     0  11  0  0  3  3   6  4.25  874/1615  4.09  4.21  4.24  4.17  4.25
5. Did assigned readings contribute to what you learned 0   4  0  4  6  5   4  3.47 1303/1566  3.44  3.81  4.07  4.03  3.47
6. Did written assignments contribute to what you learned 0 13  0  1  3  6   0  3.50 1274/1528  3.70  4.00  4.12  4.00  3.50
7. Was the grading system clearly explained             0   0  0  0  2  5  16  4.61  429/1650  4.61  4.37  4.22  4.28  4.61
8. How many times was class cancelled                   0   0  0  0  0  5  18  4.78  885/1667  4.79  4.83  4.67  4.61  4.78
9. How would you grade the overall teaching effectiveness 2  1  0  0  3 10   7  4.20  797/1626  4.00  4.06  4.11  4.07  3.92


                Lecture
1. Were the instructor's lectures well prepared         0   0  0  0  2  4  17  4.65  689/1559  4.53  4.54  4.46  4.47  4.65
2. Did the instructor seem interested in the subject    0   0  0  0  0  3  20  4.87  699/1560  4.65  4.78  4.72  4.68  4.87
3. Was lecture material presented and explained clearly 1   0  0  0  5  5  12  4.32  924/1549  4.17  4.33  4.31  4.32  4.32
4. Did the lectures contribute to what you learned      0   0  0  0  2  6  15  4.57  643/1546  4.36  4.37  4.32  4.32  4.57
5. Did audiovisual techniques enhance your understanding 0  0  1  0  8  6   8  3.87  849/1323  3.99  4.24  4.00  3.91  3.87


                Discussion
1. Did class discussions contribute to what you learned 0   0  0  2  9  7   5  3.65 1037/1384  3.63  4.01  4.10  3.92  3.65
2. Were all students actively encouraged to participate 0   0  3  3  7  5   5  3.26 1263/1378  3.41  4.11  4.29  4.09  3.26
3. Did the instructor encourage fair and open discussion 0  0  3  3  5 11   1  3.17 1291/1378  3.37  4.13  4.31  4.08  3.17
4. Were special techniques successful                   0   3  2  2  6  4   6  3.50  718/ 904  3.78  4.14  4.03  3.94  3.50

                              Frequency Distribution
```

```
Credits Earned        Cum. GPA        Expected Grades           Reasons                 Type                      Majors
-------------------------------------------------------------------------------------------------------------------------
00-27      1         0.00-0.99   0      A    4       Required for Majors   2      Graduate      0      Major        0
28-55      5         1.00-1.99   0      B   10
56-83      6         2.00-2.99   4      C    6       General               0      Under-grad   23      Non-major   23
84-150     3         3.00-3.49   6      D    1
Grad.      0         3.50-4.00   4      F    0       Electives             0      #### - Means there are not enough
                                       P    0                                    responses to be significant
                                       I    0       Other                20
                                       ?    1
```

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Course-Section: PHYS 122  0101               University of Maryland                              Page 1291
Title          INTRODUCTORY PHYSICS I          Baltimore County                              AUG  6, 2008
Instructor:    WU, TIANPENG    (Instr. B)        Spring 2008                                  Job IRBR3029
Enrollment:    35
Questionnaires: 23                   Student Course Evaluation Questionnaire


                                       Frequencies      Instructor   Course Dept  UMBC Level  Sect
              Questions            NR  NA  1  2  3  4  5  Mean     Rank   Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course    0   0  0  1  2  8 12  4.35  889/1670  4.44 4.47  4.31 4.23  4.35
2. Did the instructor make clear the expected goals     0   0  0  0  3  7 13  4.43  735/1666  4.42 4.34  4.27 4.30  4.43
3. Did the exam questions reflect the expected goals    0   0  0  0  1 11 11  4.43  679/1406  4.45 4.40  4.32 4.31  4.43
4. Did other evaluations reflect the expected goals     0  11  0  0  3  3  6  4.25  874/1615  4.09 4.21  4.24 4.17  4.25
5. Did assigned readings contribute to what you learned 0   4  0  4  6  5  4  3.47 1303/1566  3.44 3.81  4.07 4.03  3.47
6. Did written assignments contribute to what you learned 0 13 0  1  3  6  0  3.50 1274/1528  3.70 4.00  4.12 4.00  3.50
7. Was the grading system clearly explained             0   0  0  0  2  5 16  4.61  429/1650  4.61 4.37  4.22 4.28  4.61
8. How many times was class cancelled                   0   0  0  0  0  5 18  4.78  885/1667  4.79 4.83  4.67 4.61  4.78
9. How would you grade the overall teaching effectiveness 11 1 0  1  5  2  3  3.64 1329/1626  4.00 4.06  4.11 4.07  3.92


              Lecture
1. Were the instructor's lectures well prepared        18   0  0  0  2  2  1  3.80 ****/1559  4.53 4.54  4.46 4.47  4.65
2. Did the instructor seem interested in the subject   19   0  0  0  0  3  1  4.25 ****/1560  4.65 4.78  4.72 4.68  4.87
3. Was lecture material presented and explained clearly 19  0  0  0  1  3  0  3.75 ****/1549  4.17 4.33  4.31 4.32  4.32
4. Did the lectures contribute to what you learned     19   0  0  1  1  2  0  3.25 ****/1546  4.36 4.37  4.32 4.32  4.57
5. Did audiovisual techniques enhance your understanding 19 2 0  0  1  1  0  3.50 ****/1323  3.99 4.24  4.00 3.91  3.87


              Discussion
1. Did class discussions contribute to what you learned 0   0  0  2  9  7  5  3.65 1037/1384  3.63 4.01  4.10 3.92  3.65
2. Were all students actively encouraged to participate 0   0  3  3  7  5  5  3.26 1263/1378  3.41 4.11  4.29 4.09  3.26
3. Did the instructor encourage fair and open discussion 0  0  3  3  5 11  1  3.17 1291/1378  3.37 4.13  4.31 4.08  3.17
4. Were special techniques successful                   0   3  2  2  6  4  6  3.50  718/ 904  3.78 4.14  4.03 3.94  3.50

                                   Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades          Reasons                   Type                    Majors
-------------------------------------------------------------------------------------------------------------------------
  00-27      1        0.00-0.99    0     A    4        Required for Majors   2      Graduate     0        Major        0
  28-55      5        1.00-1.99    0     B   10
  56-83      6        2.00-2.99    4     C    6        General               0      Under-grad  23        Non-major   23
  84-150     3        3.00-3.49    6     D    1
  Grad.      0        3.50-4.00    4     F    0        Electives             0      #### - Means there are not enough
                                        P    0                                     responses to be significant
                                        I    0        Other                20
                                        ?    1
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Course-Section: PHYS 122  0102           University of Maryland                              Page 1292
Title        INTRODUCTORY PHYSICS I      Baltimore County                                   AUG  6, 2008
Instructor:  ANDERSON, ERIC  (Instr. A)  Spring 2008                                         Job IRBR3029
Enrollment:     42
Questionnaires: 18                        Student Course Evaluation Questionnaire


                                          Frequencies        Instructor   Course Dept  UMBC Level  Sect
           Questions                NR NA  1  2  3  4  5  Mean    Rank     Mean  Mean  Mean  Mean  Mean
------------------------------------------------------------------------------------------------------------
           General
1. Did you gain new insights,skills from this course   0  0  0  1  0  4 13  4.61  544/1670  4.44  4.47  4.31  4.23  4.61
2. Did the instructor make clear the expected goals    0  0  0  1  1  4 12  4.50  622/1666  4.42  4.34  4.27  4.30  4.50
3. Did the exam questions reflect the expected goals   0  0  0  1  0  7 10  4.44  667/1406  4.45  4.40  4.32  4.31  4.44
4. Did other evaluations reflect the expected goals    0  5  1  0  3  3  6  4.00 1083/1615  4.09  4.21  4.24  4.17  4.00
5. Did assigned readings contribute to what you learned 0  4  3  1  3  3  4  3.29 1393/1566  3.44  3.81  4.07  4.03  3.29
6. Did written assignments contribute to what you learned 0  7  1  1  2  2  5  3.82 1113/1528  3.70  4.00  4.12  4.00  3.82
7. Was the grading system clearly explained            0  0  1  0  0  3 14  4.61  417/1650  4.61  4.37  4.22  4.28  4.61
8. How many times was class cancelled                  0  0  0  0  0  3 15  4.83  805/1667  4.79  4.83  4.67  4.61  4.83
9. How would you grade the overall teaching effectiveness 5  0  0  1  1  8  3  4.00  953/1626  4.00  4.06  4.11  4.07  4.07


           Lecture
1. Were the instructor's lectures well prepared        0  0  0  0  1  2 15  4.78  486/1559  4.53  4.54  4.46  4.47  4.39
2. Did the instructor seem interested in the subject   0  0  1  0  0  0 17  4.78  911/1560  4.65  4.78  4.72  4.68  4.39
3. Was lecture material presented and explained clearly 0  0  0  1  0  4 13  4.61  549/1549  4.17  4.33  4.31  4.32  3.97
4. Did the lectures contribute to what you learned     0  0  1  0  0  2 15  4.67  520/1546  4.36  4.37  4.32  4.32  4.17
5. Did audiovisual techniques enhance your understanding 0  3  1  0  2  6  6  4.07  670/1323  3.99  4.24  4.00  3.91  4.07


           Discussion
1. Did class discussions contribute to what you learned 1  0  1  1  5  6  4  3.65 1041/1384  3.63  4.01  4.10  3.92  3.65
2. Were all students actively encouraged to participate 1  0  6  4  1  3  3  2.59 1342/1378  3.41  4.11  4.29  4.09  2.59
3. Did the instructor encourage fair and open discussion 1  0  4  5  3  3  2  2.65 1342/1378  3.37  4.13  4.31  4.08  2.65
4. Were special techniques successful                  1  3  0  1  3  3  7  4.14  425/ 904  3.78  4.14  4.03  3.94  4.14


           Laboratory
1. Did the lab increase understanding of the material  17  0  0  0  1  0  0  3.00 ****/ 232  ****  4.58  4.19  4.25  ****
2. Were you provided with adequate background information 17  0  0  0  1  0  0  3.00 ****/ 239  ****  4.59  4.21  4.35  ****
3. Were necessary materials available for lab activities 17  0  0  0  1  0  0  3.00 ****/ 230  ****  4.74  4.44  4.58  ****
4. Did the lab instructor provide assistance           17  0  0  0  1  0  0  3.00 ****/ 231  ****  4.69  4.31  4.45  ****
5. Were requirements for lab reports clearly specified 17  0  0  0  1  0  0  3.00 ****/ 218  ****  4.38  4.18  4.47  ****


           Seminar
1. Were assigned topics relevant to the announced theme 17  0  0  0  1  0  0  3.00 ****/  87  ****  5.00  4.65  4.67  ****
2. Was the instructor available for individual attention 17  0  0  0  1  0  0  3.00 ****/  79  ****  ****  4.64  4.72  ****
3. Did research projects contribute to what you learned 17  0  0  0  1  0  0  3.00 ****/  75  ****  ****  4.57  4.46  ****
4. Did presentations contribute to what you learned    17  0  0  0  1  0  0  3.00 ****/  79  ****  ****  4.45  4.59  ****
5. Were criteria for grading made clear                17  0  0  0  1  0  0  3.00 ****/  80  ****  ****  3.97  3.99  ****


           Field Work
1. Did field experience contribute to what you learned 17  0  0  0  1  0  0  3.00 ****/  41  ****  5.00  4.50  3.91  ****
2. Did you clearly understand your evaluation criteria 17  0  0  0  1  0  0  3.00 ****/  38  ****  3.00  4.19  4.07  ****
3. Was the instructor available for consultation       17  0  0  0  1  0  0  3.00 ****/  38  ****  ****  4.62  4.63  ****
4. To what degree could you discuss your evaluations   17  0  0  0  1  0  0  3.00 ****/  39  ****  3.00  4.27  4.42  ****
5. Did conferences help you carry out field activities 17  0  0  0  1  0  0  3.00 ****/  31  ****  ****  4.47  4.28  ****


           Self  Paced
1. Did self-paced system contribute to what you learned 17  0  0  0  1  0  0  3.00 ****/  28  ****  5.00  4.64  4.59  ****
2. Did study questions make clear the expected goal    17  0  0  0  1  0  0  3.00 ****/  16  ****  4.00  4.67  4.83  ****
3. Were your contacts with the instructor helpful      17  0  0  0  1  0  0  3.00 ****/  27  ****  2.00  4.54  4.46  ****
4. Was the feedback/tutoring by proctors helpful       17  0  0  0  1  0  0  3.00 ****/  10  ****  ****  4.84  4.75  ****
5. Were there enough proctors for all the students     17  0  0  0  1  0  0  3.00 ****/   6  ****  ****  4.92  4.83  ****
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                                              Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
 00-27   1   0.00-0.99   0   A   4   Required for Majors   2   Graduate   0   Major   0
 28-55   5   1.00-1.99   0   B   10
 56-83   1   2.00-2.99   2   C   3   General   0   Under-grad 18   Non-major   18
 84-150   1   3.00-3.49   0   D   0
 Grad.   0   3.50-4.00   4   F   0   Electives   0   #### - Means there are not enough
                                          P   0   responses to be significant
                                          I   0   Other   15
                                          ?   0

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                                                    Frequencies      Instructor    Course Dept  UMBC Level  Sect
            Questions                       NR  NA  1  2  3  4  5  Mean    Rank     Mean  Mean  Mean  Mean  Mean
-----------------------------------------------------------------------------------------------------------------
            General
1. Did you gain new insights,skills from this course    0   0  0  1  0  4 13  4.61  544/1670  4.44  4.47  4.31  4.23  4.61
2. Did the instructor make clear the expected goals     0   0  0  1  1  4 12  4.50  622/1666  4.42  4.34  4.27  4.30  4.50
3. Did the exam questions reflect the expected goals    0   0  0  1  0  7 10  4.44  667/1406  4.45  4.40  4.32  4.31  4.44
4. Did other evaluations reflect the expected goals     0   5  1  0  3  3  6  4.00 1083/1615  4.09  4.21  4.24  4.17  4.00
5. Did assigned readings contribute to what you learned 0   4  3  1  3  3  4  3.29 1393/1566  3.44  3.81  4.07  4.03  3.29
6. Did written assignments contribute to what you learned 0 7  1  1  2  2  5  3.82 1113/1528  3.70  4.00  4.12  4.00  3.82
7. Was the grading system clearly explained             0   0  1  0  0  3 14  4.61  417/1650  4.61  4.37  4.22  4.28  4.61
8. How many times was class cancelled                   0   0  0  0  0  3 15  4.83  805/1667  4.79  4.83  4.67  4.61  4.83
9. How would you grade the overall teaching effectiveness 11 0  0  0  1  4  2  4.14  854/1626  4.00  4.06  4.11  4.07  4.07


            Lecture
1. Were the instructor's lectures well prepared        11   0  0  1  2  0  4  4.00 1280/1559  4.53  4.54  4.46  4.47  4.39
2. Did the instructor seem interested in the subject   11   0  0  1  1  2  3  4.00 1467/1560  4.65  4.78  4.72  4.68  4.39
3. Was lecture material presented and explained clearly 12  0  0  2  1  2  1  3.33 1443/1549  4.17  4.33  4.31  4.32  3.97
4. Did the lectures contribute to what you learned     12   0  1  0  2  0  3  3.67 1329/1546  4.36  4.37  4.32  4.32  4.17
5. Did audiovisual techniques enhance your understanding 11 5  0  0  0  1  1  4.50 ****/1323  3.99  4.24  4.00  3.91  4.07


            Discussion
1. Did class discussions contribute to what you learned  1  0  1  1  5  6  4  3.65 1041/1384  3.63  4.01  4.10  3.92  3.65
2. Were all students actively encouraged to participate  1  0  6  4  1  3  3  2.59 1342/1378  3.41  4.11  4.29  4.09  2.59
3. Did the instructor encourage fair and open discussion 1  0  4  5  3  3  2  2.65 1342/1378  3.37  4.13  4.31  4.08  2.65
4. Were special techniques successful                    1  3  0  1  3  3  7  4.14  425/ 904  3.78  4.14  4.03  3.94  4.14


            Laboratory
1. Did the lab increase understanding of the material   17  0  0  0  1  0  0  3.00 ****/ 232  ****  4.58  4.19  4.25  ****
2. Were you provided with adequate background information 17 0  0  0  1  0  0  3.00 ****/ 239  ****  4.59  4.21  4.35  ****
3. Were necessary materials available for lab activities 17 0  0  0  1  0  0  3.00 ****/ 230  ****  4.74  4.44  4.58  ****
4. Did the lab instructor provide assistance            17  0  0  0  1  0  0  3.00 ****/ 231  ****  4.69  4.31  4.45  ****
5. Were requirements for lab reports clearly specified  17  0  0  0  1  0  0  3.00 ****/ 218  ****  4.38  4.18  4.47  ****


            Seminar
1. Were assigned topics relevant to the announced theme 17  0  0  0  1  0  0  3.00 ****/  87  ****  5.00  4.65  4.67  ****
2. Was the instructor available for individual attention 17 0  0  0  1  0  0  3.00 ****/  79  ****  ****  4.64  4.72  ****
3. Did research projects contribute to what you learned 17  0  0  0  1  0  0  3.00 ****/  75  ****  ****  4.57  4.46  ****
4. Did presentations contribute to what you learned     17  0  0  0  1  0  0  3.00 ****/  79  ****  ****  4.45  4.59  ****
5. Were criteria for grading made clear                 17  0  0  0  1  0  0  3.00 ****/  80  ****  ****  3.97  3.99  ****


            Field Work
1. Did field experience contribute to what you learned  17  0  0  0  1  0  0  3.00 ****/  41  ****  5.00  4.50  3.91  ****
2. Did you clearly understand your evaluation criteria  17  0  0  0  1  0  0  3.00 ****/  38  ****  3.00  4.19  4.07  ****
3. Was the instructor available for consultation        17  0  0  0  1  0  0  3.00 ****/  38  ****  ****  4.62  4.63  ****
4. To what degree could you discuss your evaluations    17  0  0  0  1  0  0  3.00 ****/  39  ****  3.00  4.27  4.42  ****
5. Did conferences help you carry out field activities  17  0  0  0  1  0  0  3.00 ****/  31  ****  ****  4.47  4.28  ****


            Self  Paced
1. Did self-paced system contribute to what you learned 17  0  0  0  1  0  0  3.00 ****/  28  ****  5.00  4.64  4.59  ****
2. Did study questions make clear the expected goal     17  0  0  0  1  0  0  3.00 ****/  16  ****  4.00  4.67  4.83  ****
3. Were your contacts with the instructor helpful       17  0  0  0  1  0  0  3.00 ****/  27  ****  2.00  4.54  4.46  ****
4. Was the feedback/tutoring by proctors helpful        17  0  0  0  1  0  0  3.00 ****/  10  ****  ****  4.84  4.75  ****
5. Were there enough proctors for all the students      17  0  0  0  1  0  0  3.00 ****/   6  ****  ****  4.92  4.83  ****
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Enrollment: 42
Questionnaires: 18   Student Course Evaluation Questionnaire

                                          Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
 00-27   1   0.00-0.99   0   A   4   Required for Majors 2   Graduate   0   Major   0
 28-55   5   1.00-1.99   0   B   10
 56-83   1   2.00-2.99   2   C   3   General   0   Under-grad 18   Non-major   18
 84-150   1   3.00-3.49   0   D   0
 Grad.   0   3.50-4.00   4   F   0   Electives   0   #### - Means there are not enough
                                         P   0   responses to be significant
                                         I   0   Other   15
                                         ?   0

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Course-Section: PHYS 122  0103            University of Maryland                                  Page 1294
Title      INTRODUCTORY PHYSICS I         Baltimore County                                       AUG  6, 2008
Instructor:  ANDERSON, ERIC  (Instr. A)   Spring 2008                                            Job IRBR3029
Enrollment:    52
Questionnaires:  23                   Student Course Evaluation Questionnaire

                                          Frequencies      Instructor   Course Dept  UMBC Level  Sect
              Questions                NR  NA  1  2  3  4  5  Mean    Rank      Mean  Mean  Mean  Mean  Mean
-------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course  1  0  0  0  5  6 11  4.27  974/1670  4.44  4.47  4.31  4.23  4.27
2. Did the instructor make clear the expected goals   1  0  0  1  2  8 11  4.32  895/1666  4.42  4.34  4.27  4.30  4.32
3. Did the exam questions reflect the expected goals  1  0  0  1  1  5 15  4.55  556/1406  4.45  4.40  4.32  4.31  4.55
4. Did other evaluations reflect the expected goals   1  9  0  1  2  2  8  4.31  813/1615  4.09  4.21  4.24  4.17  4.31
5. Did assigned readings contribute to what you learned 1 2  3  0  4  5  8  3.75 1144/1566  3.44  3.81  4.07  4.03  3.75
6. Did written assignments contribute to what you learned 1 10 1 1  2  2  6  3.92 1025/1528  3.70  4.00  4.12  4.00  3.92
7. Was the grading system clearly explained           1  0  0  0  3  3 16  4.59  443/1650  4.61  4.37  4.22  4.28  4.59
8. How many times was class cancelled                 1  0  0  0  1  5 16  4.68 1002/1667  4.79  4.83  4.67  4.61  4.68
9. How would you grade the overall teaching effectiveness 3 0 0 0  4  6 10  4.30  670/1626  4.00  4.06  4.11  4.07  3.94


              Lecture
1. Were the instructor's lectures well prepared       1  0  0  1  0  6 15  4.59  784/1559  4.53  4.54  4.46  4.47  4.59
2. Did the instructor seem interested in the subject  1  0  0  1  0  1 20  4.82  829/1560  4.65  4.78  4.72  4.68  4.74
3. Was lecture material presented and explained clearly 1 0  0  1  3  6 12  4.32  924/1549  4.17  4.33  4.31  4.32  4.16
4. Did the lectures contribute to what you learned    1  0  0  1  1  7 13  4.45  782/1546  4.36  4.37  4.32  4.32  4.45
5. Did audiovisual techniques enhance your understanding 2 3 1 1  5  3  8  3.89  834/1323  3.99  4.24  4.00  3.91  3.89


              Discussion
1. Did class discussions contribute to what you learned 1 0  1  1  7  9  4  3.64 1045/1384  3.63  4.01  4.10  3.92  3.64
2. Were all students actively encouraged to participate 1 0  1  4  1  7  9  3.86 1071/1378  3.41  4.11  4.29  4.09  3.86
3. Did the instructor encourage fair and open discussion 2 0 2 1  4  7  7  3.76 1105/1378  3.37  4.13  4.31  4.08  3.76
4. Were special techniques successful                 1  3  1  4  4  5  5  3.47  730/ 904  3.78  4.14  4.03  3.94  3.47


              Laboratory
2. Were you provided with adequate background information 22 0 1 0 0 0 0  1.00 ****/ 239  ****  4.59  4.21  4.35  ****


              Field Work
1. Did field experience contribute to what you learned 22 0  1  0  0  0  0  1.00 ****/  41  ****  5.00  4.50  3.91  ****
2. Did you clearly understand your evaluation criteria  22 0  1  0  0  0  0  1.00 ****/  38  ****  3.00  4.19  4.07  ****


              Self  Paced
1. Did self-paced system contribute to what you learned 22 0  1  0  0  0  0  1.00 ****/  28  ****  5.00  4.64  4.59  ****


                              Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades          Reasons                 Type                 Majors
-------------------------------------------------------------------------------------------------------------
00-27      0      0.00-0.99    0        A    7      Required for Majors  1     Graduate     0      Major       1
28-55      6      1.00-1.99    0        B    9
56-83      6      2.00-2.99    1        C    1      General          0         Under-grad  23      Non-major  22
84-150     1      3.00-3.49    6        D    0
Grad.      0      3.50-4.00    9        F    0      Electives        0         #### - Means there are not enough
                                        P    0                                 responses to be significant
                                        I    0      Other           19
                                        ?    2
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Course-Section: PHYS 122  0103              University of Maryland                                   Page 1295
Title       INTRODUCTORY PHYSICS I            Baltimore County                                   AUG  6, 2008
Instructor:  GREENE, MARION  (Instr. C)           Spring 2008                                    Job IRBR3029
Enrollment:     52
Questionnaires:  23                    Student Course Evaluation Questionnaire

                                          Frequencies        Instructor   Course Dept  UMBC Level  Sect
               Questions                NR  NA  1  2  3  4  5  Mean    Rank   Mean Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------
               General
1. Did you gain new insights,skills from this course  1   0  0  0  5  6 11  4.27   974/1670  4.44 4.47  4.31 4.23  4.27
2. Did the instructor make clear the expected goals   1   0  0  1  2  8 11  4.32   895/1666  4.42 4.34  4.27 4.30  4.32
3. Did the exam questions reflect the expected goals  1   0  0  1  1  5 15  4.55   556/1406  4.45 4.40  4.32 4.31  4.55
4. Did other evaluations reflect the expected goals   1   9  0  1  2  2  8  4.31   813/1615  4.09 4.21  4.24 4.17  4.31
5. Did assigned readings contribute to what you learned 1  2  3  0  4  5  8  3.75  1144/1566  3.44 3.81  4.07 4.03  3.75
6. Did written assignments contribute to what you learned 1 10 1  1  2  2  6  3.92  1025/1528  3.70 4.00  4.12 4.00  3.92
7. Was the grading system clearly explained           1   0  0  0  3  3 16  4.59   443/1650  4.61 4.37  4.22 4.28  4.59
8. How many times was class cancelled                 1   0  0  0  1  5 16  4.68  1002/1667  4.79 4.83  4.67 4.61  4.68
9. How would you grade the overall teaching effectiveness 17 3 0 0  1  2  0  3.67  ****/1626  4.00 4.06  4.11 4.07  3.94


               Lecture
1. Were the instructor's lectures well prepared      20   0  0  0  0  3  0  4.00  ****/1559  4.53 4.54  4.46 4.47  4.59
2. Did the instructor seem interested in the subject 21   0  0  0  0  1  1  4.50  ****/1560  4.65 4.78  4.72 4.68  4.74
3. Was lecture material presented and explained clearly 21 0 0  0  1  1  0  3.50  ****/1549  4.17 4.33  4.31 4.32  4.16
4. Did the lectures contribute to what you learned   21   0  0  0  0  2  0  4.00  ****/1546  4.36 4.37  4.32 4.32  4.45
5. Did audiovisual techniques enhance your understanding 20 2 0 0  0  1  0  4.00  ****/1323  3.99 4.24  4.00 3.91  3.89


               Discussion
1. Did class discussions contribute to what you learned 1  0  1  1  7  9  4  3.64  1045/1384  3.63 4.01  4.10 3.92  3.64
2. Were all students actively encouraged to participate 1  0  1  4  1  7  9  3.86  1071/1378  3.41 4.11  4.29 4.09  3.86
3. Did the instructor encourage fair and open discussion 2 0 2  1  4  7  7  3.76  1105/1378  3.37 4.13  4.31 4.08  3.76
4. Were special techniques successful                 1   3  1  4  4  5  5  3.47   730/ 904  3.78 4.14  4.03 3.94  3.47


               Laboratory
2. Were you provided with adequate background information 22 0 1 0  0  0  0  1.00  ****/ 239  **** 4.59  4.21 4.35  ****


               Field Work
1. Did field experience contribute to what you learned 22  0  1  0  0  0  0  1.00  ****/  41  **** 5.00  4.50 3.91  ****
2. Did you clearly understand your evaluation criteria  22  0  1  0  0  0  0  1.00  ****/  38  **** 3.00  4.19 4.07  ****


               Self  Paced
1. Did self-paced system contribute to what you learned 22 0 1 0  0  0  0  1.00  ****/  28  **** 5.00  4.64 4.59  ****


                                    Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades          Reasons                 Type                Majors
-----------------------------------------------------------------------------------------------------------
00-27      0        0.00-0.99    0        A   7        Required for Majors  1     Graduate     0     Major        1
28-55      6        1.00-1.99    0        B   9
56-83      6        2.00-2.99    1        C   1        General              0     Under-grad  23     Non-major   22
84-150     1        3.00-3.49    6        D   0
Grad.      0        3.50-4.00    9        F   0        Electives            0     #### - Means there are not enough
                                         P   0                                   responses to be significant
                                         I   0        Other               19
                                         ?   2
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Course-Section: PHYS 122  0104             University of Maryland                        Page 1296
Title       INTRODUCTORY PHYSICS I          Baltimore County                            AUG  6, 2008
Instructor:  ANDERSON, ERIC  (Instr. A)      Spring 2008                                 Job IRBR3029
Enrollment:      51
Questionnaires:  22              Student Course Evaluation Questionnaire


                                            Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions               NR  NA  1  2  3  4  5  Mean    Rank      Mean Mean  Mean Mean  Mean
----------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  0  0  3  4  15  4.55   621/1670  4.44 4.47  4.31 4.23  4.55
2. Did the instructor make clear the expected goals    0   0  0  0  4  5  13  4.41   784/1666  4.42 4.34  4.27 4.30  4.41
3. Did the exam questions reflect the expected goals   0   0  0  1  2  7  12  4.36   763/1406  4.45 4.40  4.32 4.31  4.36
4. Did other evaluations reflect the expected goals    0   6  0  2  3  7   4  3.81  1288/1615  4.09 4.21  4.24 4.17  3.81
5. Did assigned readings contribute to what you learned 0  3  3  3  4  4   5  3.26  1402/1566  3.44 3.81  4.07 4.03  3.26
6. Did written assignments contribute to what you learned 0 11 1  1  3  3   3  3.55  1257/1528  3.70 4.00  4.12 4.00  3.55
7. Was the grading system clearly explained            0   0  0  0  2  4  16  4.64   395/1650  4.61 4.37  4.22 4.28  4.64
8. How many times was class cancelled                  1   0  0  0  0  3  18  4.86   768/1667  4.79 4.83  4.67 4.61  4.86
9. How would you grade the overall teaching effectiveness 0 0 0  1  1 10  10  4.32   659/1626  4.00 4.06  4.11 4.07  4.09


                 Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  1  6  15  4.64   722/1559  4.53 4.54  4.46 4.47  4.64
2. Did the instructor seem interested in the subject   0   0  0  0  1  3  18  4.77   911/1560  4.65 4.78  4.72 4.68  4.77
3. Was lecture material presented and explained clearly 0  0  0  0  3  6  13  4.45   749/1549  4.17 4.33  4.31 4.32  4.45
4. Did the lectures contribute to what you learned     0   0  0  2  0  6  14  4.45   782/1546  4.36 4.37  4.32 4.32  4.45
5. Did audiovisual techniques enhance your understanding 0 0 1  1  3  6  11  4.14   634/1323  3.99 4.24  4.00 3.91  4.14


                 Discussion
1. Did class discussions contribute to what you learned 0  0  3  1  4  8   6  3.59  1061/1384  3.63 4.01  4.10 3.92  3.59
2. Were all students actively encouraged to participate 0  0  0  3  4  7   8  3.91  1057/1378  3.41 4.11  4.29 4.09  3.91
3. Did the instructor encourage fair and open discussion 0 0 0  1  9  3   9  3.91  1055/1378  3.37 4.13  4.31 4.08  3.91
4. Were special techniques successful                  0   2  1  0  5  6   8  4.00   461/ 904  3.78 4.14  4.03 3.94  4.00

                 Laboratory
1. Did the lab increase understanding of the material  21  0  0  0  0  1   0  4.00  ****/ 232  **** 4.58  4.19 4.25  ****


                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades       Reasons              Type                Majors
----------------------------------------------------------------------------------------------------------
  00-27     0       0.00-0.99   0       A   5      Required for Majors  1    Graduate     0     Major        0
  28-55     1       1.00-1.99   0       B   5
  56-83     5       2.00-2.99   0       C   7      General          0        Under-grad  22     Non-major   22
  84-150    5       3.00-3.49   7       D   0
  Grad.     0       3.50-4.00   8       F   1      Electives        0        #### - Means there are not enough
                                        P   0                                responses to be significant
                                        I   0      Other           18
                                        ?   1
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Enrollment: 51
Questionnaires: 22   Student Course Evaluation Questionnaire

                                            Frequencies   Instructor   Course Dept UMBC Level Sect
              Questions   NR NA 1 2 3 4 5 Mean   Rank   Mean Mean Mean Mean Mean
----
              General
1. Did you gain new insights,skills from this course   0   0 0 0 3 4 15 4.55   621/1670 4.44 4.47 4.31 4.23 4.55
2. Did the instructor make clear the expected goals   0   0 0 0 4 5 13 4.41   784/1666 4.42 4.34 4.27 4.30 4.41
3. Did the exam questions reflect the expected goals   0   0 0 1 2 7 12 4.36   763/1406 4.45 4.40 4.32 4.31 4.36
4. Did other evaluations reflect the expected goals   0   6 0 2 3 7   4 3.81 1288/1615 4.09 4.21 4.24 4.17 3.81
5. Did assigned readings contribute to what you learned 0 3 3 3 4 4   5 3.26 1402/1566 3.44 3.81 4.07 4.03 3.26
6. Did written assignments contribute to what you learned 0 11 1 1 3 3   3 3.55 1257/1528 3.70 4.00 4.12 4.00 3.55
7. Was the grading system clearly explained   0   0 0 0 2 4 16 4.64   395/1650 4.61 4.37 4.22 4.28 4.64
8. How many times was class cancelled   1   0 0 0 0 3 18 4.86   768/1667 4.79 4.83 4.67 4.61 4.86
9. How would you grade the overall teaching effectiveness 7 1 0 0 4 8   2 3.86 1172/1626 4.00 4.06 4.11 4.07 4.09

              Lecture
1. Were the instructor's lectures well prepared   20   0 0 0 0 1   1 4.50 ****/1559 4.53 4.54 4.46 4.47 4.64
2. Did the instructor seem interested in the subject 20   0 0 0 0 0   2 5.00 ****/1560 4.65 4.78 4.72 4.68 4.77
3. Was lecture material presented and explained clearly 20 0 0 0 0 0   2 5.00 ****/1549 4.17 4.33 4.31 4.32 4.45
4. Did the lectures contribute to what you learned   20   0 0 0 0 0   2 5.00 ****/1546 4.36 4.37 4.32 4.32 4.45
5. Did audiovisual techniques enhance your understanding 20 1 0 0 0 0   1 5.00 ****/1323 3.99 4.24 4.00 3.91 4.14

              Discussion
1. Did class discussions contribute to what you learned 0 0 3 1 4 8   6 3.59 1061/1384 3.63 4.01 4.10 3.92 3.59
2. Were all students actively encouraged to participate 0 0 0 3 4 7   8 3.91 1057/1378 3.41 4.11 4.29 4.09 3.91
3. Did the instructor encourage fair and open discussion 0 0 0 1 9 3   9 3.91 1055/1378 3.37 4.13 4.31 4.08 3.91
4. Were special techniques successful   0   2 1 0 5 6   8 4.00   461/ 904 3.78 4.14 4.03 3.94 4.00

              Laboratory
1. Did the lab increase understanding of the material 21   0 0 0 0 1   0 4.00 ****/ 232 **** 4.58 4.19 4.25 ****

                                    Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
00-27   0   0.00-0.99   0   A   5   Required for Majors   1   Graduate   0   Major   0
28-55   1   1.00-1.99   0   B   5
56-83   5   2.00-2.99   0   C   7   General   0   Under-grad   22   Non-major   22
84-150   5   3.00-3.49   7   D   0
Grad.   0   3.50-4.00   8   F   1   Electives   0   #### - Means there are not enough
                                         P   0   responses to be significant
                                         I   0   Other   18
                                         ?   1

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Course-Section: PHYS 122H 0101              University of Maryland                           Page 1298
Title        INTRODUCTORY PHYSICS I          Baltimore County                              AUG  6, 2008
Instructor:  WORCHESKY, TERR (Instr. A)      Spring 2008                                   Job IRBR3029
Enrollment:     11
Questionnaires:  11                  Student Course Evaluation Questionnaire


                                            Frequencies        Instructor    Course Dept  UMBC Level  Sect
              Questions                 NR  NA  1  2  3  4  5  Mean    Rank    Mean  Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course   0   0   0   0   0   3   8  4.73   401/1670  4.73  4.47  4.31  4.23  4.73
2. Did the instructor make clear the expected goals    0   0   0   0   1   6   4  4.27   943/1666  4.27  4.34  4.27  4.30  4.27
3. Did the exam questions reflect the expected goals   0   0   0   0   0   5   6  4.55   556/1406  4.55  4.40  4.32  4.31  4.55
4. Did other evaluations reflect the expected goals    0   1   1   0   2   2   5  4.00  1083/1615  4.00  4.21  4.24  4.17  4.00
5. Did assigned readings contribute to what you learned 0   2   1   1   2   3   2  3.44  1322/1566  3.44  3.81  4.07  4.03  3.44
6. Did written assignments contribute to what you learned 0 5   0   0   3   1   2  3.83  1097/1528  3.83  4.00  4.12  4.00  3.83
7. Was the grading system clearly explained            0   0   0   0   0   2   9  4.82   222/1650  4.82  4.37  4.22  4.28  4.82
8. How many times was class cancelled                  0   0   0   0   0   4   7  4.64  1052/1667  4.64  4.83  4.67  4.61  4.64
9. How would you grade the overall teaching effectiveness 2 0 0   0   0   6   3  4.33   637/1626  4.42  4.06  4.11  4.07  4.42


              Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   0   3   8  4.73   572/1559  4.86  4.54  4.46  4.47  4.86
2. Did the instructor seem interested in the subject   0   0   0   0   0   2   9  4.82   829/1560  4.91  4.78  4.72  4.68  4.91
3. Was lecture material presented and explained clearly 0  0   0   0   0   3   8  4.73   410/1549  4.86  4.33  4.31  4.32  4.86
4. Did the lectures contribute to what you learned     0   0   0   0   0   2   9  4.82   333/1546  4.91  4.37  4.32  4.32  4.91
5. Did audiovisual techniques enhance your understanding 2 1  0   0   2   2   4  4.25   545/1323  4.25  4.24  4.00  3.91  4.25


              Discussion
1. Did class discussions contribute to what you learned 0  0   0   0   1   3   7  4.55   409/1384  4.55  4.01  4.10  3.92  4.55
2. Were all students actively encouraged to participate 0  0   0   0   0   3   8  4.73   431/1378  4.73  4.11  4.29  4.09  4.73
3. Did the instructor encourage fair and open discussion 0 0  0   0   0   2   9  4.82   375/1378  4.82  4.13  4.31  4.08  4.82
4. Were special techniques successful                  0   2   0   0   1   3   5  4.44   270/ 904  4.44  4.14  4.03  3.94  4.44

                                       Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades          Reasons                Type                    Majors
-----------------------------------------------------------------------------------------------------------------------------
  00-27      2        0.00-0.99    0        A    6        Required for Majors   0     Graduate      0        Major        7
  28-55      5        1.00-1.99    0        B    4                                                            
  56-83      2        2.00-2.99    1        C    1        General               0     Under-grad   11        Non-major    4
  84-150     0        3.00-3.49    0        D    0                                                            
  Grad.      0        3.50-4.00    9        F    0        Electives             0     #### - Means there are not enough
                                            P    0                                    responses to be significant
                                            I    0        Other                11
                                            ?    0
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Course-Section: PHYS 122H 0101   University of Maryland
Title   INTRODUCTORY PHYSICS I   Baltimore County
Instructor: WORCHESKY, TERR (Instr. B)   Spring 2008
Enrollment: 11
Questionnaires: 11   Student Course Evaluation Questionnaire

| | | Frequencies | | | | | | Instructor | Course | Dept | UMBC | Level | Sect |
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	0	3	8	4.73	401/1670	4.73	4.47	4.31	4.23	4.73
2. Did the instructor make clear the expected goals	0	0	0	0	1	6	4	4.27	943/1666	4.27	4.34	4.27	4.30	4.27
3. Did the exam questions reflect the expected goals	0	0	0	0	0	5	6	4.55	556/1406	4.55	4.40	4.32	4.31	4.55
4. Did other evaluations reflect the expected goals	0	1	1	0	2	2	5	4.00	1083/1615	4.00	4.21	4.24	4.17	4.00
5. Did assigned readings contribute to what you learned	0	2	1	1	2	3	2	3.44	1322/1566	3.44	3.81	4.07	4.03	3.44
6. Did written assignments contribute to what you learned	0	5	0	0	3	1	2	3.83	1097/1528	3.83	4.00	4.12	4.00	3.83
7. Was the grading system clearly explained	0	0	0	0	0	2	9	4.82	222/1650	4.82	4.37	4.22	4.28	4.82
8. How many times was class cancelled	0	0	0	0	0	4	7	4.64	1052/1667	4.64	4.83	4.67	4.61	4.64
9. How would you grade the overall teaching effectiveness	7	0	0	0	0	2	2	4.50	403/1626	4.42	4.06	4.11	4.07	4.42
Lecture														
1. Were the instructor's lectures well prepared	8	0	0	0	0	0	3	5.00	1/1559	4.86	4.54	4.46	4.47	4.86
2. Did the instructor seem interested in the subject	8	0	0	0	0	0	3	5.00	1/1560	4.91	4.78	4.72	4.68	4.91
3. Was lecture material presented and explained clearly	8	0	0	0	0	0	3	5.00	1/1549	4.86	4.33	4.31	4.32	4.86
4. Did the lectures contribute to what you learned	8	0	0	0	0	0	3	5.00	1/1546	4.91	4.37	4.32	4.32	4.91
5. Did audiovisual techniques enhance your understanding	8	1	0	0	0	0	2	5.00	****/1323	4.25	4.24	4.00	3.91	4.25
Discussion														
1. Did class discussions contribute to what you learned	0	0	0	0	1	3	7	4.55	409/1384	4.55	4.01	4.10	3.92	4.55
2. Were all students actively encouraged to participate	0	0	0	0	0	3	8	4.73	431/1378	4.73	4.11	4.29	4.09	4.73
3. Did the instructor encourage fair and open discussion	0	0	0	0	0	2	9	4.82	375/1378	4.82	4.13	4.31	4.08	4.82
4. Were special techniques successful	0	2	0	0	1	3	5	4.44	270/ 904	4.44	4.14	4.03	3.94	4.44

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	2	0.00-0.99	0	A	6	Required for Majors	0	Graduate	0	Major	7
28-55	5	1.00-1.99	0	B	4						
56-83	2	2.00-2.99	1	C	1	General	0	Under-grad	11	Non-major	4
84-150	0	3.00-3.49	0	D	0						
Grad.	0	3.50-4.00	9	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	11				
				?	0						

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Course-Section: PHYS 122L 0101          University of Maryland                        Page 1300
Title      INTRODUCTORY PHYSICS L        Baltimore County                            AUG  6, 2008
Instructor:   GOUGOUSI, THEOD            Spring 2008                                 Job IRBR3029
Enrollment:    15
Questionnaires: 13              Student Course Evaluation Questionnaire


                                          Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA  1  2  3  4  5  Mean    Rank     Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------
           General
1. Did you gain new insights,skills from this course   0   0   0   1   0   5   7  4.38   835/1670   4.32  4.47  4.31  4.23  4.38
2. Did the instructor make clear the expected goals    1   0   0   0   0   5   7  4.58   516/1666   4.67  4.34  4.27  4.30  4.58
3. Did the exam questions reflect the expected goals   0  12   0   0   0   0   1  5.00  ****/1406   ****  4.40  4.32  4.31  ****
4. Did other evaluations reflect the expected goals    0   0   0   0   2   4   7  4.38   712/1615   4.44  4.21  4.24  4.17  4.38
5. Did assigned readings contribute to what you learned 0   5   1   1   1   3   2  3.50  1285/1566   3.82  3.81  4.07  4.03  3.50
6. Did written assignments contribute to what you learned 0  0   0   1   0   4   8  4.46   476/1528   4.23  4.00  4.12  4.00  4.46
7. Was the grading system clearly explained            0   0   0   0   1   1  11  4.77   263/1650   4.72  4.37  4.22  4.28  4.77
8. How many times was class cancelled                  0   0   0   0   0   0  13  5.00     1/1667   5.00  4.83  4.67  4.61  5.00
9. How would you grade the overall teaching effectiveness 2  1   0   0   1   6   3  4.20   797/1626   4.24  4.06  4.11  4.07  4.20


           Lecture
1. Were the instructor's lectures well prepared        4   0   0   0   0   1   8  4.89   307/1559   4.67  4.54  4.46  4.47  4.89
2. Did the instructor seem interested in the subject   4   0   0   0   0   1   8  4.89   647/1560   4.78  4.78  4.72  4.68  4.89
3. Was lecture material presented and explained clearly 4  0   0   0   0   4   5  4.56   622/1549   4.61  4.33  4.31  4.32  4.56
4. Did the lectures contribute to what you learned     4   0   0   0   1   2   6  4.56   655/1546   4.28  4.37  4.32  4.32  4.56
5. Did audiovisual techniques enhance your understanding 4  3   0   0   0   3   3  4.50   326/1323   4.18  4.24  4.00  3.91  4.50


           Discussion
1. Did class discussions contribute to what you learned 11  0   0   0   2   0   0  3.00  ****/1384   ****  4.01  4.10  3.92  ****
2. Were all students actively encouraged to participate 11  0   0   1   1   0   0  2.50  ****/1378   ****  4.11  4.29  4.09  ****
3. Did the instructor encourage fair and open discussion 11 0   0   0   1   1   0  3.50  ****/1378   ****  4.13  4.31  4.08  ****


           Laboratory
1. Did the lab increase understanding of the material  0   3   1   0   1   1   7  4.30   107/ 232   4.32  4.58  4.19  4.25  4.30
2. Were you provided with adequate background information 0  0   0   0   0   5   8  4.62    68/ 239   4.53  4.59  4.21  4.35  4.62
3. Were necessary materials available for lab activities 0  0   0   0   1   4   8  4.54   114/ 230   4.68  4.74  4.44  4.58  4.54
4. Did the lab instructor provide assistance           0   0   0   0   1   4   8  4.54   108/ 231   4.54  4.69  4.31  4.45  4.54
5. Were requirements for lab reports clearly specified 0   0   0   0   1   3   9  4.62    60/ 218   4.49  4.38  4.18  4.47  4.62

                              Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors

  00-27    1       0.00-0.99    0       A    7         Required for Majors   1     Graduate     0      Major       3
  28-55    3       1.00-1.99    0       B    2
  56-83    4       2.00-2.99    0       C    2         General               0     Under-grad  13      Non-major  10
  84-150   2       3.00-3.49    4       D    0
  Grad.    0       3.50-4.00    8       F    0         Electives             4     #### - Means there are not enough
                                        P    0                                     responses to be significant
                                        I    0         Other                 8
                                        ?    1
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Course-Section: PHYS 122L 0102            University of Maryland                          Page 1301
Title       INTRODUCTORY PHYSICS L        Baltimore County                               AUG  6, 2008
Instructor:  GOUGOUSI, THEOD              Spring 2008                                     Job IRBR3029
Enrollment:    13
Questionnaires:  12                 Student Course Evaluation Questionnaire


                                        Frequencies      Instructor   Course Dept  UMBC Level  Sect
               Questions               NR  NA  1  2  3  4  5  Mean      Rank      Mean Mean  Mean Mean  Mean
---------------------------------------------------------------------------------------------------------------
               General
1. Did you gain new insights,skills from this course   0   0  1  0  0  5  6  4.25   996/1670  4.32  4.47  4.31  4.23  4.25
2. Did the instructor make clear the expected goals    0   0  0  0  1  1 10  4.75   312/1666  4.67  4.34  4.27  4.30  4.75
4. Did other evaluations reflect the expected goals    0   0  0  0  1  4  7  4.50   552/1615  4.44  4.21  4.24  4.17  4.50
5. Did assigned readings contribute to what you learned 0  5  0  0  2  2  3  4.14   752/1566  3.82  3.81  4.07  4.03  4.14
6. Did written assignments contribute to what you learned 0 1 1  1  1  2  6  4.00   899/1528  4.23  4.00  4.12  4.00  4.00
7. Was the grading system clearly explained            0   0  0  1  0  1 10  4.67   361/1650  4.72  4.37  4.22  4.28  4.67
8. How many times was class cancelled                  0   0  0  0  0  0 12  5.00     1/1667  5.00  4.83  4.67  4.61  5.00
9. How would you grade the overall teaching effectiveness 1 0 0 0  2  4  5  4.27   704/1626  4.24  4.06  4.11  4.07  4.27


               Lecture
1. Were the instructor's lectures well prepared        3   0  0  1  0  2  6  4.44   971/1559  4.67  4.54  4.46  4.47  4.44
2. Did the instructor seem interested in the subject   3   0  0  0  1  1  7  4.67  1090/1560  4.78  4.78  4.72  4.68  4.67
3. Was lecture material presented and explained clearly 3  0  0  0  1  1  7  4.67   488/1549  4.61  4.33  4.31  4.32  4.67
4. Did the lectures contribute to what you learned     3   0  0  1  2  2  4  4.00  1139/1546  4.28  4.37  4.32  4.32  4.00
5. Did audiovisual techniques enhance your understanding 3 2 1 0  1  2  3  3.86   857/1323  4.18  4.24  4.00  3.91  3.86


               Laboratory
1. Did the lab increase understanding of the material  1   2  1  0  0  2  6  4.33   102/ 232  4.32  4.58  4.19  4.25  4.33
2. Were you provided with adequate background information 1 0 1 0  0  2  8  4.45    98/ 239  4.53  4.59  4.21  4.35  4.45
3. Were necessary materials available for lab activities 1 0 0 0  0  2  9  4.82    61/ 230  4.68  4.74  4.44  4.58  4.82
4. Did the lab instructor provide assistance           1   0  1  0  0  1  9  4.55   106/ 231  4.54  4.69  4.31  4.45  4.55
5. Were requirements for lab reports clearly specified  1  0  1  0  0  3  7  4.36   103/ 218  4.49  4.38  4.18  4.47  4.36


                                 Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades          Reasons                   Type                     Majors
-----------------------------------------------------------------------------------------------------------------------------
  00-27     1       0.00-0.99    0      A    9      Required for Majors   4     Graduate      0       Major        5
  28-55     3       1.00-1.99    0      B    2                                                                      
  56-83     2       2.00-2.99    2      C    1      General               0     Under-grad   12       Non-major    7
  84-150    2       3.00-3.49    1      D    0                                                                      
  Grad.     0       3.50-4.00    5      F    0      Electives             0     #### - Means there are not enough
                                        P    0                                  responses to be significant
                                        I    0      Other                 7
                                        ?    0
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Course-Section: PHYS 220  0101            University of Maryland                                  Page 1302
Title       INTRO COMPUTATIONAL PH         Baltimore County                                     AUG  6, 2008
Instructor:   MCCANN, KEVIN                  Spring 2008                                        Job IRBR3029
Enrollment:   10
Questionnaires:  9              Student Course Evaluation Questionnaire


                                         Frequencies        Instructor   Course Dept  UMBC Level  Sect
              Questions                NR  NA  1  2  3  4  5  Mean    Rank       Mean  Mean  Mean  Mean  Mean
--------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course    0   0  0  0  0  2  7  4.78   338/1670   4.78  4.47  4.31  4.32  4.78
2. Did the instructor make clear the expected goals     0   0  0  0  0  3  6  4.67   415/1666   4.67  4.34  4.27  4.27  4.67
4. Did other evaluations reflect the expected goals     0   1  0  0  0  1  7  4.88   196/1615   4.88  4.21  4.24  4.29  4.88
6. Did written assignments contribute to what you learned  0  5  0  0  0  1  3  4.75   221/1528   4.75  4.00  4.12  4.11  4.75
7. Was the grading system clearly explained             0   1  0  0  1  5  2  4.13  1055/1650   4.13  4.37  4.22  4.20  4.13
8. How many times was class cancelled                   0   0  0  0  0  0  9  5.00     1/1667   5.00  4.83  4.67  4.64  5.00
9. How would you grade the overall teaching effectiveness  0  0  0  0  0  3  6  4.67   278/1626   4.67  4.06  4.11  4.06  4.67


              Lecture
1. Were the instructor's lectures well prepared         0   0  0  0  0  2  7  4.78   486/1559   4.78  4.54  4.46  4.40  4.78
2. Did the instructor seem interested in the subject    0   0  0  0  0  2  7  4.78   911/1560   4.78  4.78  4.72  4.73  4.78
3. Was lecture material presented and explained clearly 0   0  0  0  0  3  6  4.67   488/1549   4.67  4.33  4.31  4.25  4.67
4. Did the lectures contribute to what you learned      0   0  0  0  0  3  6  4.67   520/1546   4.67  4.37  4.32  4.30  4.67
5. Did audiovisual techniques enhance your understanding 0  0  0  0  0  1  8  4.89   126/1323   4.89  4.24  4.00  4.08  4.89


              Discussion
1. Did class discussions contribute to what you learned 6   0  0  0  0  1  2  4.67   324/1384   4.67  4.01  4.10  4.07  4.67
2. Were all students actively encouraged to participate 6   0  0  0  1  0  2  4.33   797/1378   4.33  4.11  4.29  4.25  4.33
3. Did the instructor encourage fair and open discussion 6  0  0  0  0  1  2  4.67   531/1378   4.67  4.13  4.31  4.26  4.67


                                      Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades          Reasons                Type                   Majors
--------------------------------------------------------------------------------------------------------------
 00-27      1      0.00-0.99    0       A    6      Required for Majors   0    Graduate     0     Major        9
 28-55      1      1.00-1.99    0       B    3
 56-83      1      2.00-2.99    1       C    0      General               0    Under-grad   9     Non-major    0
 84-150     0      3.00-3.49    1       D    0
 Grad.      0      3.50-4.00    3       F    0      Electives             0    #### - Means there are not enough
                                        P    0                                responses to be significant
                                        I    0      Other                 9
                                        ?    0
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Course-Section: PHYS 224  0101             University of Maryland                              Page 1303
Title       INTRODUCTORY PHYSICS I            Baltimore County                               AUG  6, 2008
Instructor:    MARTINS, JOSE                    Spring 2008                                  Job IRBR3029
Enrollment:    15
Questionnaires:  9                    Student Course Evaluation Questionnaire


                                            Frequencies       Instructor   Course Dept  UMBC Level  Sect
                Questions                NR  NA  1  2  3  4  5 Mean     Rank  Mean Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course   0   0  0  0  0  5  4 4.44  751/1670 4.44 4.47 4.31 4.32 4.44
2. Did the instructor make clear the expected goals    0   0  0  0  2  5  2 4.00 1199/1666 4.00 4.34 4.27 4.27 4.00
3. Did the exam questions reflect the expected goals   0   0  0  0  1  4  4 4.33  799/1406 4.33 4.40 4.32 4.39 4.33
4. Did other evaluations reflect the expected goals    0   1  0  0  0  5  3 4.38  724/1615 4.38 4.21 4.24 4.29 4.38
5. Did assigned readings contribute to what you learned 1  0  0  1  1  1  5 4.25  643/1566 4.25 3.81 4.07 4.00 4.25
6. Did written assignments contribute to what you learned 1 5 0  0  0  1  2 4.67  300/1528 4.67 4.00 4.12 4.11 4.67
7. Was the grading system clearly explained            0   0  0  0  1  3  5 4.44  660/1650 4.44 4.37 4.22 4.20 4.44
8. How many times was class cancelled                  0   0  0  0  0  1  8 4.89  712/1667 4.89 4.83 4.67 4.64 4.89
9. How would you grade the overall teaching effectiveness 0 0 0  0  4  3  2 3.78 1240/1626 3.78 4.06 4.11 4.06 3.78


                Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  5  4 4.44  971/1559 4.44 4.54 4.46 4.40 4.44
2. Did the instructor seem interested in the subject   0   0  0  0  0  3  6 4.67 1090/1560 4.67 4.78 4.72 4.73 4.67
3. Was lecture material presented and explained clearly 0  0  0  0  0  6  3 4.33  900/1549 4.33 4.33 4.31 4.25 4.33
4. Did the lectures contribute to what you learned     0   0  0  0  1  5  3 4.22 1009/1546 4.22 4.37 4.32 4.30 4.22
5. Did audiovisual techniques enhance your understanding 0 1 0  0  1  1  6 4.63  260/1323 4.63 4.24 4.00 4.08 4.63


                Discussion
1. Did class discussions contribute to what you learned 7  0  0  0  1  0  1 4.00 ****/1384 **** 4.01 4.10 4.07 ****
2. Were all students actively encouraged to participate 7  0  0  0  0  1  1 4.50 ****/1378 **** 4.11 4.29 4.25 ****
3. Did the instructor encourage fair and open discussion 7 0 0  0  0  1  1 4.50 ****/1378 **** 4.13 4.31 4.26 ****
4. Were special techniques successful                  7   1  0  0  0  1  0 4.00 ****/ 904 **** 4.14 4.03 4.01 ****

                              Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades          Reasons                  Type                    Majors
-----------------------------------------------------------------------------------------------------------
  00-27      0     0.00-0.99    0       A    3      Required for Majors   0      Graduate    0       Major        6
  28-55      0     1.00-1.99    0       B    3
  56-83      2     2.00-2.99    0       C    1      General               1      Under-grad  9       Non-major    3
  84-150     0     3.00-3.49    2       D    0
  Grad.      0     3.50-4.00    4       F    0      Electives             1      #### - Means there are not enough
                                        P    0                                  responses to be significant
                                        I    0      Other                 6
                                        ?    1
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Course-Section: PHYS 305  0101            University of Maryland                           Page 1304
Title        STELLAR ASTROPHYSICS             Baltimore County                          AUG  6, 2008
Instructor:   HENRIKSEN, MARK                  Spring 2008                             Job IRBR3029
Enrollment:      6
Questionnaires:  5               Student Course Evaluation Questionnaire


                                            Frequencies       Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA  1  2  3  4  5  Mean    Rank    Mean Mean  Mean Mean  Mean
----------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course    0   0   0   0   1   1   3  4.40   809/1670  4.40 4.47  4.31 4.24  4.40
2. Did the instructor make clear the expected goals     0   0   0   0   0   2   3  4.60   490/1666  4.60 4.34  4.27 4.18  4.60
3. Did the exam questions reflect the expected goals    0   0   0   0   0   2   3  4.60   495/1406  4.60 4.40  4.32 4.22  4.60
4. Did other evaluations reflect the expected goals     0   2   0   0   2   0   1  3.67  1380/1615  3.67 4.21  4.24 4.18  3.67
5. Did assigned readings contribute to what you learned 0   1   0   0   0   2   2  4.50   389/1566  4.50 3.81  4.07 4.04  4.50
6. Did written assignments contribute to what you learned 0 4   0   0   0   0   1  5.00  ****/1528  **** 4.00  4.12 4.07  ****
7. Was the grading system clearly explained             0   0   0   0   1   1   3  4.40   720/1650  4.40 4.37  4.22 4.12  4.40
8. How many times was class cancelled                   0   0   0   0   0   0   5  5.00     1/1667  5.00 4.83  4.67 4.67  5.00
9. How would you grade the overall teaching effectiveness 0 0   0   0   0   3   2  4.40   563/1626  4.40 4.06  4.11 4.06  4.40


                 Lecture
1. Were the instructor's lectures well prepared         0   0   0   0   0   2   3  4.60   772/1559  4.60 4.54  4.46 4.40  4.60
2. Did the instructor seem interested in the subject    0   0   0   0   0   1   4  4.80   855/1560  4.80 4.78  4.72 4.67  4.80
3. Was lecture material presented and explained clearly 0   0   0   0   0   1   4  4.80   294/1549  4.80 4.33  4.31 4.25  4.80
4. Did the lectures contribute to what you learned      0   0   0   0   0   1   4  4.80   345/1546  4.80 4.37  4.32 4.24  4.80
5. Did audiovisual techniques enhance your understanding 0  1   0   0   1   2   1  4.00   692/1323  4.00 4.24  4.00 3.99  4.00


                 Discussion
1. Did class discussions contribute to what you learned 4   0   0   0   0   1   0  4.00  ****/1384  **** 4.01  4.10 4.12  ****
2. Were all students actively encouraged to participate 4   0   0   0   0   0   1  5.00  ****/1378  **** 4.11  4.29 4.30  ****
3. Did the instructor encourage fair and open discussion 4  0   0   0   0   0   1  5.00  ****/1378  **** 4.13  4.31 4.33  ****


                                        Frequency Distribution

Credits Earned          Cum. GPA        Expected Grades          Reasons                Type                  Majors
----------------------------------------------------------------------------------------------------------------------
  00-27    1        0.00-0.99    0        A    2      Required for Majors   0      Graduate     0      Major        4
  28-55    1        1.00-1.99    0        B    2
  56-83    0        2.00-2.99    2        C    0      General               3      Under-grad   5      Non-major    1
  84-150   0        3.00-3.49    0        D    0
  Grad.    0        3.50-4.00    2        F    0      Electives             0      #### - Means there are not enough
                                          P    0                                  responses to be significant
                                          I    0      Other                 2
                                          ?    1
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Course-Section: PHYS 315  0101            University of Maryland                        Page 1305
Title      GALAXIES & INTERSTELLA          Baltimore County                           AUG  6, 2008
Instructor:    TURNER, JANE                  Spring 2008                              Job IRBR3029
Enrollment:    15
Questionnaires:  9              Student Course Evaluation Questionnaire


                                          Frequencies      Instructor   Course Dept  UMBC Level  Sect
              Questions                 NR NA  1  2  3  4  5 Mean    Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course    0  0  0  1  3  2  3  3.78 1430/1670  3.78  4.47  4.31  4.24  3.78
2. Did the instructor make clear the expected goals     0  0  0  1  2  3  3  3.89 1331/1666  3.89  4.34  4.27  4.18  3.89
3. Did the exam questions reflect the expected goals    0  0  0  1  2  3  3  3.89 1142/1406  3.89  4.40  4.32  4.22  3.89
4. Did other evaluations reflect the expected goals     0  1  0  0  3  2  3  4.00 1083/1615  4.00  4.21  4.24  4.18  4.00
5. Did assigned readings contribute to what you learned 0  0  2  1  3  3  0  2.78 1526/1566  2.78  3.81  4.07  4.04  2.78
6. Did written assignments contribute to what you learned 0  4  1  0  2  1  1  3.20 1413/1528  3.20  4.00  4.12  4.07  3.20
7. Was the grading system clearly explained             0  0  0  1  0  3  5  4.33  806/1650  4.33  4.37  4.22  4.12  4.33
8. How many times was class cancelled                   0  0  0  0  0  0  9  5.00    1/1667  5.00  4.83  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 1  0  0  0  4  3  1  3.63 1335/1626  3.63  4.06  4.11  4.06  3.63


              Lecture
1. Were the instructor's lectures well prepared         0  0  0  0  1  3  5  4.44  971/1559  4.44  4.54  4.46  4.40  4.44
2. Did the instructor seem interested in the subject    0  0  0  0  0  1  8  4.89  647/1560  4.89  4.78  4.72  4.67  4.89
3. Was lecture material presented and explained clearly 0  0  0  1  0  5  3  4.11 1095/1549  4.11  4.33  4.31  4.25  4.11
4. Did the lectures contribute to what you learned      0  0  0  0  2  3  4  4.22 1009/1546  4.22  4.37  4.32  4.24  4.22
5. Did audiovisual techniques enhance your understanding 0  0  1  0  1  5  2  3.78  908/1323  3.78  4.24  4.00  3.99  3.78


              Discussion
1. Did class discussions contribute to what you learned 8  0  0  0  1  0  0  3.00 ****/1384  ****  4.01  4.10  4.12  ****
2. Were all students actively encouraged to participate 8  0  0  0  0  0  1  5.00 ****/1378  ****  4.11  4.29  4.30  ****
3. Did the instructor encourage fair and open discussion 8  0  0  0  0  0  1  5.00 ****/1378  ****  4.13  4.31  4.33  ****

                                      Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades           Reasons               Type                Majors
-------------------------------------------------------------------------------------------------------------------
  00-27      0       0.00-0.99   0        A    3       Required for Majors   0     Graduate      0       Major       4
  28-55      0       1.00-1.99   0        B    2                                                         
  56-83      0       2.00-2.99   1        C    4       General               4     Under-grad    9       Non-major   5
  84-150     6       3.00-3.49   4        D    0
  Grad.      0       3.50-4.00   2        F    0       Electives             0     #### - Means there are not enough
                                          P    0                                   responses to be significant
                                          I    0       Other                 5
                                          ?    0
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                                                   Frequencies        Instructor   Course Dept  UMBC Level  Sect
               Questions                  NR  NA  1   2   3   4   5  Mean    Rank    Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
               General
1. Did you gain new insights,skills from this course   0   0   2   3   1   1   3  3.00 1620/1670  3.00 4.47  4.31 4.24  3.00
2. Did the instructor make clear the expected goals    0   0   4   4   1   0   1  2.00 1661/1666  2.00 4.34  4.27 4.18  2.00
3. Did the exam questions reflect the expected goals   0   0   1   5   2   1   1  2.60 1394/1406  2.60 4.40  4.32 4.22  2.60
4. Did other evaluations reflect the expected goals    0   4   2   0   1   2   1  3.00 1565/1615  3.00 4.21  4.24 4.18  3.00
5. Did assigned readings contribute to what you learned 1   2   1   2   2   0   2  3.00 1478/1566  3.00 3.81  4.07 4.04  3.00
6. Did written assignments contribute to what you learned 1  1  2  0  2  1  3  3.38 1345/1528  3.38 4.00  4.12 4.07  3.38
7. Was the grading system clearly explained            1   1   4   2   0   1   1  2.13 1636/1650  2.13 4.37  4.22 4.12  2.13
8. How many times was class cancelled                  1   0   0   0   0   0   9  5.00    1/1667  5.00 4.83  4.67 4.67  5.00
9. How would you grade the overall teaching effectiveness 2  0  4  0  3  0  1  2.25 1608/1626  2.25 4.06  4.11 4.06  2.25


               Lecture
1. Were the instructor's lectures well prepared        0   0   0   2   5   1   2  3.30 1492/1559  3.30 4.54  4.46 4.40  3.30
2. Did the instructor seem interested in the subject   0   0   0   0   1   5   4  4.30 1398/1560  4.30 4.78  4.72 4.67  4.30
3. Was lecture material presented and explained clearly 0  0  6  1  2  0  1  1.90 1543/1549  1.90 4.33  4.31 4.25  1.90
4. Did the lectures contribute to what you learned     0   0   3   4   2   0   1  2.20 1529/1546  2.20 4.37  4.32 4.24  2.20
5. Did audiovisual techniques enhance your understanding 1  8  0  0  0  0  1  5.00 ****/1323  **** 4.24  4.00 3.99  ****


               Discussion
1. Did class discussions contribute to what you learned 7  0  2  0  0  0  1  2.33 1352/1384  2.33 4.01  4.10 4.12  2.33
2. Were all students actively encouraged to participate 7  0  0  1  0  1  1  3.67 1139/1378  3.67 4.11  4.29 4.30  3.67
3. Did the instructor encourage fair and open discussion 7  0  0  1  1  0  1  3.33 1255/1378  3.33 4.13  4.31 4.33  3.33
4. Were special techniques successful                  7   2   0   0   0   0   1  5.00 ****/ 904  **** 4.14  4.03 4.03  ****
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                                        Frequency Distribution

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Credits Earned        Cum. GPA        Expected Grades           Reasons                    Type                    Majors
-------------------------------------------------------------------------------------------------------------------------
00-27      0        0.00-0.99    0        A    1         Required for Majors  0      Graduate     0         Major        7
28-55      0        1.00-1.99    0        B    3                                                            
56-83      1        2.00-2.99    2        C    2         General              0      Under-grad  10         Non-major    3
84-150     6        3.00-3.49    2        D    0                                                            
Grad.      0        3.50-4.00    4        F    0         Electives            0      #### - Means there are not enough
                                          P    0                                     responses to be significant
                                          I    0         Other               10
                                          ?    4
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Title   MODERN PHYSICS   Baltimore County   AUG 6, 2008
Instructor: RENO, ROBERT C   Spring 2008   Job IRBR3029
Enrollment: 12
Questionnaires: 4   Student Course Evaluation Questionnaire

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                                               Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions                NR NA  1  2  3  4  5  Mean     Rank    Mean Mean   Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course    0  0  0  0  0  0  4  5.00    1/1670   5.00 4.47   4.31 4.24  5.00
2. Did the instructor make clear the expected goals     0  0  0  0  0  0  4  5.00    1/1666   5.00 4.34   4.27 4.18  5.00
3. Did the exam questions reflect the expected goals    0  0  0  0  0  0  4  5.00    1/1406   5.00 4.40   4.32 4.22  5.00
4. Did other evaluations reflect the expected goals     0  1  0  0  0  0  3  5.00    1/1615   5.00 4.21   4.24 4.18  5.00
5. Did assigned readings contribute to what you learned 0  1  0  0  0  1  2  4.67  295/1566   4.67 3.81   4.07 4.04  4.67
6. Did written assignments contribute to what you learned 0 2  0  0  0  0  2  5.00    1/1528   5.00 4.00   4.12 4.07  5.00
7. Was the grading system clearly explained             0  0  0  0  0  1  3  4.75  272/1650   4.75 4.37   4.22 4.12  4.75
8. How many times was class cancelled                   0  0  0  0  0  0  4  5.00    1/1667   5.00 4.83   4.67 4.67  5.00
9. How would you grade the overall teaching effectiveness 1 0  0  0  0  1  2  4.67  278/1626   4.67 4.06   4.11 4.06  4.67

                 Lecture
1. Were the instructor's lectures well prepared         0  0  0  0  0  0  4  5.00    1/1559   5.00 4.54   4.46 4.40  5.00
2. Did the instructor seem interested in the subject    0  0  0  0  0  0  4  5.00    1/1560   5.00 4.78   4.72 4.67  5.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  0  4  5.00    1/1549   5.00 4.33   4.31 4.25  5.00
4. Did the lectures contribute to what you learned      0  0  0  0  0  0  4  5.00    1/1546   5.00 4.37   4.32 4.24  5.00
5. Did audiovisual techniques enhance your understanding 0 0  0  0  0  1  3  4.75  183/1323   4.75 4.24   4.00 3.99  4.75

                 Discussion
1. Did class discussions contribute to what you learned 3  0  0  0  0  0  1  5.00    1/1384   5.00 4.01   4.10 4.12  5.00
2. Were all students actively encouraged to participate 3  0  0  0  0  0  1  5.00    1/1378   5.00 4.11   4.29 4.30  5.00
3. Did the instructor encourage fair and open discussion 3 0  0  0  0  0  1  5.00    1/1378   5.00 4.13   4.31 4.33  5.00
4. Were special techniques successful                   3  0  0  0  0  0  1  5.00    1/ 904   5.00 4.14   4.03 4.03  5.00

                 Laboratory
1. Did the lab increase understanding of the material   3  0  0  0  0  0  1  5.00    1/ 232   5.00 4.58   4.19 4.04  5.00
2. Were you provided with adequate background information 3 0 0  0  0  0  1  5.00    1/ 239   5.00 4.59   4.21 3.99  5.00
3. Were necessary materials available for lab activities 3  0  0  0  0  0  1  5.00    1/ 230   5.00 4.74   4.44 4.25  5.00
4. Did the lab instructor provide assistance            3  0  0  0  0  0  1  5.00    1/ 231   5.00 4.69   4.31 4.11  5.00
5. Were requirements for lab reports clearly specified  3  0  0  0  0  0  1  5.00    1/ 218   5.00 4.38   4.18 3.93  5.00
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                                      Frequency Distribution

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Credits Earned          Cum. GPA        Expected Grades        Reasons              Type                Majors
-----------------------------------------------------------------------------------------------------------------
 00-27    0         0.00-0.99   0        A    1    Required for Majors  0    Graduate     0     Major        3
 28-55    0         1.00-1.99   0        B    1
 56-83    0         2.00-2.99   0        C    1    General              1    Under-grad   4     Non-major    1
 84-150   1         3.00-3.49   1        D    0
 Grad.    0         3.50-4.00   1        F    0    Electives            0    #### - Means there are not enough
                                         P    0                             responses to be significant
                                         I    0    Other                3
                                         ?    1
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Course-Section: PHYS 324H 0101          University of Maryland                           Page 1308
Title       MODERN PHYSICS HONORS            Baltimore County                          AUG  6, 2008
Instructor:    RENO, ROBERT C  (Instr. A)        Spring 2008                          Job IRBR3029
Enrollment:     6
Questionnaires:  6                 Student Course Evaluation Questionnaire


                                        Frequencies      Instructor   Course Dept  UMBC Level  Sect
              Questions                NR  NA  1  2  3  4  5  Mean     Rank    Mean  Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course   0   0  0  0  0  0  6  5.00     1/1670  5.00  4.47  4.31  4.24  5.00
2. Did the instructor make clear the expected goals    0   0  0  0  0  1  5  4.83   233/1666  4.83  4.34  4.27  4.18  4.83
3. Did the exam questions reflect the expected goals   0   0  0  0  1  1  4  4.50   597/1406  4.50  4.40  4.32  4.22  4.50
4. Did other evaluations reflect the expected goals    0   2  0  0  0  0  4  5.00     1/1615  5.00  4.21  4.24  4.18  5.00
5. Did assigned readings contribute to what you learned 0  0  0  2  2  1  1  3.17  1440/1566  3.17  3.81  4.07  4.04  3.17
6. Did written assignments contribute to what you learned 0 2  0  0  0  1  3  4.75   221/1528  4.75  4.00  4.12  4.07  4.75
7. Was the grading system clearly explained            0   0  0  0  0  0  6  5.00     1/1650  5.00  4.37  4.22  4.12  5.00
8. How many times was class cancelled                  0   0  0  0  0  0  6  5.00     1/1667  5.00  4.83  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 0 0 0  0  0  1  5  4.83   151/1626  4.79  4.06  4.11  4.06  4.79


              Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  0  6  5.00     1/1559  4.83  4.54  4.46  4.40  4.83
2. Did the instructor seem interested in the subject   0   0  0  0  0  0  6  5.00     1/1560  5.00  4.78  4.72  4.67  5.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  2  4  4.67   488/1549  4.50  4.33  4.31  4.25  4.50
4. Did the lectures contribute to what you learned     0   0  0  0  0  0  6  5.00     1/1546  4.83  4.37  4.32  4.24  4.83
5. Did audiovisual techniques enhance your understanding 0 1  0  0  0  4  1  4.20   590/1323  4.10  4.24  4.00  3.99  4.10


              Laboratory
1. Did the lab increase understanding of the material  1   0  0  0  0  2  3  4.60    64/ 232  4.60  4.58  4.19  4.04  4.60
2. Were you provided with adequate background information 1 0 0  0  0  1  4  4.80    38/ 239  4.80  4.59  4.21  3.99  4.80
3. Were necessary materials available for lab activities 1 0  0  0  0  1  4  4.80    63/ 230  4.80  4.74  4.44  4.25  4.80
4. Did the lab instructor provide assistance           1   0  0  0  0  0  5  5.00     1/ 231  5.00  4.69  4.31  4.11  5.00
5. Were requirements for lab reports clearly specified 1   0  0  0  0  1  4  4.80    32/ 218  4.80  4.38  4.18  3.93  4.80


                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type            Majors
-----------------------------------------------------------------------------------------------------------
00-27      0      0.00-0.99    0        A   2      Required for Majors  0      Graduate    0      Major        4
28-55      1      1.00-1.99    0        B   3                                  Under-grad  6      Non-major    2
56-83      0      2.00-2.99    0        C   0      General             0      Under-grad  6      Non-major    2
84-150     2      3.00-3.49    0        D   0
Grad.      0      3.50-4.00    5        F   0      Electives           0      #### - Means there are not enough
                                        P   0                                  responses to be significant
                                        I   0      Other               6
                                        ?   0
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Course-Section: PHYS 324H 0101            University of Maryland                              Page 1309
Title       MODERN PHYSICS HONORS          Baltimore County                              AUG  6, 2008
Instructor:    RENO, ROBERT C  (Instr. B)        Spring 2008                              Job IRBR3029
Enrollment:     6
Questionnaires:  6               Student Course Evaluation Questionnaire


                                        Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA  1  2  3  4  5  Mean      Rank      Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0   0   0   0   0   6  5.00     1/1670   5.00  4.47  4.31  4.24  5.00
2. Did the instructor make clear the expected goals    0   0   0   0   0   1   5  4.83   233/1666   4.83  4.34  4.27  4.18  4.83
3. Did the exam questions reflect the expected goals   0   0   0   0   1   1   4  4.50   597/1406   4.50  4.40  4.32  4.22  4.50
4. Did other evaluations reflect the expected goals    0   2   0   0   0   0   4  5.00     1/1615   5.00  4.21  4.24  4.18  5.00
5. Did assigned readings contribute to what you learned 0   0   0   2   2   1   1  3.17  1440/1566   3.17  3.81  4.07  4.04  3.17
6. Did written assignments contribute to what you learned 0 2   0   0   0   1   3  4.75   221/1528   4.75  4.00  4.12  4.07  4.75
7. Was the grading system clearly explained            0   0   0   0   0   0   6  5.00     1/1650   5.00  4.37  4.22  4.12  5.00
8. How many times was class cancelled                  0   0   0   0   0   0   6  5.00     1/1667   5.00  4.83  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 2 0  0   0   0   1   3  4.75   207/1626   4.79  4.06  4.11  4.06  4.79


                 Lecture
1. Were the instructor's lectures well prepared        3   0   0   0   0   1   2  4.67   673/1559   4.83  4.54  4.46  4.40  4.83
2. Did the instructor seem interested in the subject   3   0   0   0   0   0   3  5.00     1/1560   5.00  4.78  4.72  4.67  5.00
3. Was lecture material presented and explained clearly 3  0   0   0   0   2   1  4.33   900/1549   4.50  4.33  4.31  4.25  4.50
4. Did the lectures contribute to what you learned     3   0   0   0   0   1   2  4.67   520/1546   4.83  4.37  4.32  4.24  4.83
5. Did audiovisual techniques enhance your understanding 3 0  0   0   0   3   0  4.00   692/1323   4.10  4.24  4.00  3.99  4.10


                 Laboratory
1. Did the lab increase understanding of the material  1   0   0   0   0   2   3  4.60    64/ 232   4.60  4.58  4.19  4.04  4.60
2. Were you provided with adequate background information 1 0  0   0   0   1   4  4.80    38/ 239   4.80  4.59  4.21  3.99  4.80
3. Were necessary materials available for lab activities 1 0  0   0   0   1   4  4.80    63/ 230   4.80  4.74  4.44  4.25  4.80
4. Did the lab instructor provide assistance           1   0   0   0   0   0   5  5.00     1/ 231   5.00  4.69  4.31  4.11  5.00
5. Were requirements for lab reports clearly specified 1   0   0   0   0   1   4  4.80    32/ 218   4.80  4.38  4.18  3.93  4.80


                              Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades         Reasons              Type              Majors
-------------------------------------------------------------------------------------------------------------
 00-27     0      0.00-0.99    0         A    2      Required for Majors  0     Graduate    0      Major       4
 28-55     1      1.00-1.99    0         B    3                                 Under-grad  6      Non-major   2
 56-83     0      2.00-2.99    0         C    0      General              0
 84-150    2      3.00-3.49    0         D    0
 Grad.     0      3.50-4.00    5         F    0      Electives            0     #### - Means there are not enough
                                         P    0                                 responses to be significant
                                         I    0      Other                6
                                         ?    0
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Course-Section: PHYS 331L 0101            University of Maryland                        Page 1310
Title      MODERN PHYSICS LAB             Baltimore County                             AUG  6, 2008
Instructor:   WU, EN-SHINN                Spring 2008                                  Job IRBR3029
Enrollment:     5
Questionnaires:  4                 Student Course Evaluation Questionnaire
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                                                  Frequencies      Instructor   Course Dept  UMBC Level  Sect
                   Questions                 NR  NA  1  2  3  4  5  Mean    Rank     Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
                   General
1. Did you gain new insights,skills from this course    0   0  0  0  0  2  2  4.50   665/1670   4.50 4.47  4.31 4.24  4.50
2. Did the instructor make clear the expected goals     0   0  0  1  2  1  0  3.00  1603/1666   3.00 4.34  4.27 4.18  3.00
4. Did other evaluations reflect the expected goals     0   1  0  0  0  3  0  4.00  1083/1615   4.00 4.21  4.24 4.18  4.00
5. Did assigned readings contribute to what you learned 0   3  0  0  0  1  0  4.00   851/1566   4.00 3.81  4.07 4.04  4.00
6. Did written assignments contribute to what you learned 0 1  0  0  0  3  0  4.00   899/1528   4.00 4.00  4.12 4.07  4.00
7. Was the grading system clearly explained             0   0  0  1  2  1  0  3.00  1580/1650   3.00 4.37  4.22 4.12  3.00
8. How many times was class cancelled                   0   0  0  0  0  0  4  5.00     1/1667   5.00 4.83  4.67 4.67  5.00
9. How would you grade the overall teaching effectiveness 0 0  0  0  3  1  0  3.25  1491/1626   3.25 4.06  4.11 4.06  3.25

                   Lecture
1. Were the instructor's lectures well prepared         1   0  0  0  1  1  1  4.00  1280/1559   4.00 4.54  4.46 4.40  4.00
2. Did the instructor seem interested in the subject    1   0  0  0  0  1  2  4.67  1090/1560   4.67 4.78  4.72 4.67  4.67
3. Was lecture material presented and explained clearly 1   0  0  1  0  2  0  3.33  1443/1549   3.33 4.33  4.31 4.25  3.33
4. Did the lectures contribute to what you learned      1   0  1  0  0  2  0  3.00  1473/1546   3.00 4.37  4.32 4.24  3.00
5. Did audiovisual techniques enhance your understanding 1  2  0  0  1  0  0  3.00  1179/1323   3.00 4.24  4.00 3.99  3.00

                   Discussion
1. Did class discussions contribute to what you learned 3   0  0  0  0  1  0  4.00   820/1384   4.00 4.01  4.10 4.12  4.00
2. Were all students actively encouraged to participate 3   0  0  0  0  0  1  5.00     1/1378   5.00 4.11  4.29 4.30  5.00
3. Did the instructor encourage fair and open discussion 3  0  0  0  0  0  1  5.00     1/1378   5.00 4.13  4.31 4.33  5.00
4. Were special techniques successful                   3   0  0  0  0  0  1  5.00     1/ 904   5.00 4.14  4.03 4.03  5.00

                   Laboratory
1. Did the lab increase understanding of the material   0   1  0  0  0  1  2  4.67    59/ 232   4.67 4.58  4.19 4.04  4.67
2. Were you provided with adequate background information 0  0  0  0  2  1  1  3.75   191/ 239   3.75 4.59  4.21 3.99  3.75
3. Were necessary materials available for lab activities 0  0  0  0  1  1  2  4.25   165/ 230   4.25 4.74  4.44 4.25  4.25
4. Did the lab instructor provide assistance            0   0  0  1  1  0  2  3.75   190/ 231   3.75 4.69  4.31 4.11  3.75
5. Were requirements for lab reports clearly specified  0   0  0  2  2  0  0  2.50   212/ 218   2.50 4.38  4.18 3.93  2.50

                   Seminar
1. Were assigned topics relevant to the announced theme 3   0  0  0  0  0  1  5.00     1/  87   5.00 5.00  4.65 4.30  5.00

                   Field Work
1. Did field experience contribute to what you learned  3   0  0  0  0  0  1  5.00     1/  41   5.00 5.00  4.50 4.44  5.00
2. Did you clearly understand your evaluation criteria  3   0  0  0  1  0  0  3.00    33/  38   3.00 3.00  4.19 3.96  3.00
4. To what degree could you discuss your evaluations    3   0  0  0  1  0  0  3.00    34/  39   3.00 3.00  4.27 4.38  3.00

                   Self  Paced
1. Did self-paced system contribute to what you learned 3   0  0  0  0  0  1  5.00     1/  28   5.00 5.00  4.64 3.33  5.00
2. Did study questions make clear the expected goal     3   0  0  0  0  1  0  4.00    13/  16   4.00 4.00  4.67 4.00  4.00
3. Were your contacts with the instructor helpful       3   0  0  1  0  0  0  2.00    27/  27   2.00 2.00  4.54 2.63  2.00
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Frequency Distribution

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Credits Earned          Cum. GPA       Expected Grades          Reasons                   Type                    Majors
-------------------------------------------------------------------------------------------------------------------------------
00-27      1       0.00-0.99    0       A    1        Required for Majors   0       Graduate     0        Major       4
28-55      0       1.00-1.99    0       B    3                                      Under-grad   4        Non-major   0
56-83      0       2.00-2.99    0       C    0        General               0       Under-grad   4        Non-major   0
84-150     1       3.00-3.49    1       D    0                                                                        
Grad.      0       3.50-4.00    2       F    0        Electives             0       #### - Means there are not enough
                                        P    0                                      responses to be significant
                                        I    0        Other                 4
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? 0

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Course-Section: PHYS 340L 0101               University of Maryland                         Page 1311
Title      ELECTR FOR SCIENTISTS               Baltimore County                             AUG  6, 2008
Instructor:  MCMILLAN, WALLA                      Spring 2008                               Job IRBR3029
Enrollment:      9
Questionnaires:  8                 Student Course Evaluation Questionnaire


                                          Frequencies      Instructor   Course Dept  UMBC Level  Sect
            Questions                 NR  NA  1   2   3   4   5  Mean      Rank       Mean  Mean Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------------
            General
1. Did you gain new insights,skills from this course   0   0   1   0   0   1   6  4.38  849/1670  4.38  4.47  4.31  4.24  4.38
2. Did the instructor make clear the expected goals    0   0   0   0   0   3   5  4.63  465/1666  4.63  4.34  4.27  4.18  4.63
3. Did the exam questions reflect the expected goals   0   0   0   0   1   2   5  4.50  597/1406  4.50  4.40  4.32  4.22  4.50
4. Did other evaluations reflect the expected goals    0   2   0   0   0   2   4  4.67  379/1615  4.67  4.21  4.24  4.18  4.67
5. Did assigned readings contribute to what you learned 0  0   0   1   3   1   3  3.75 1144/1566  3.75  3.81  4.07  4.04  3.75
6. Did written assignments contribute to what you learned 0 1  0   0   0   2   5  4.71  260/1528  4.71  4.00  4.12  4.07  4.71
7. Was the grading system clearly explained            0   0   0   0   1   3   4  4.38  757/1650  4.38  4.37  4.22  4.12  4.38
8. How many times was class cancelled                  0   0   0   0   0   0   8  5.00    1/1667  5.00  4.83  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 0 0 0   0   0   2   6  4.75  207/1626  4.75  4.06  4.11  4.06  4.75


            Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   1   2   5  4.50  896/1559  4.50  4.54  4.46  4.40  4.50
2. Did the instructor seem interested in the subject   0   0   0   0   0   0   8  5.00    1/1560  5.00  4.78  4.72  4.67  5.00
3. Was lecture material presented and explained clearly 0  0   0   0   0   2   6  4.75  366/1549  4.75  4.33  4.31  4.25  4.75
4. Did the lectures contribute to what you learned     0   0   0   0   1   0   7  4.75  407/1546  4.75  4.37  4.32  4.24  4.75
5. Did audiovisual techniques enhance your understanding 0 5  0   0   0   1   2  4.67  235/1323  4.67  4.24  4.00  3.99  4.67


            Discussion
1. Did class discussions contribute to what you learned 7  0   0   0   0   0   1  5.00 ****/1384  ****  4.01  4.10  4.12  ****
2. Were all students actively encouraged to participate 7  0   0   0   0   0   1  5.00 ****/1378  ****  4.11  4.29  4.30  ****
3. Did the instructor encourage fair and open discussion 7 0  0   0   0   0   1  5.00 ****/1378  ****  4.13  4.31  4.33  ****
4. Were special techniques successful                  7   0   0   0   0   0   1  5.00 ****/ 904  ****  4.14  4.03  4.03  ****


            Laboratory
1. Did the lab increase understanding of the material  1   0   0   0   1   1   5  4.57   68/ 232  4.57  4.58  4.19  4.04  4.57
2. Were you provided with adequate background information 1 0 0   0   1   0   6  4.71   56/ 239  4.71  4.59  4.21  3.99  4.71
3. Were necessary materials available for lab activities 1 0  0   0   0   0   7  5.00    1/ 230  5.00  4.74  4.44  4.25  5.00
4. Did the lab instructor provide assistance           1   0   0   0   0   0   7  5.00    1/ 231  5.00  4.69  4.31  4.11  5.00
5. Were requirements for lab reports clearly specified 1   0   0   0   1   1   5  4.57   66/ 218  4.57  4.38  4.18  3.93  4.57

                                        Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades         Reasons              Type              Majors
-----------------------------------------------------------------------------------------------------------------
 00-27      0      0.00-0.99    0      A    2     Required for Majors   0    Graduate     0     Major       8
 28-55      0      1.00-1.99    0      B    5                                Under-grad   8     Non-major   0
 56-83      1      2.00-2.99    0      C    1     General               0
 84-150     3      3.00-3.49    1      D    0
 Grad.      0      3.50-4.00    3      F    0     Electives             0    #### - Means there are not enough
                                       P    0                               responses to be significant
                                       I    0     Other                 8
                                       ?    0
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Course-Section: PHYS 408  0101                University of Maryland                        Page 1312
Title      OPTICS                               Baltimore County                           AUG  6, 2008
Instructor:   PITTMAN, TODD B                     Spring 2008                              Job IRBR3029
Enrollment:   26
Questionnaires: 23                  Student Course Evaluation Questionnaire
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                                                  Frequencies       Instructor   Course Dept  UMBC Level  Sect
                 Questions                  NR  NA  1  2  3  4   5  Mean    Rank    Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  0  0  0  6  17  4.74   388/1670  4.74 4.47  4.31 4.45  4.74
2. Did the instructor make clear the expected goals    0   0  0  0  0  0  23  5.00     1/1666  5.00 4.34  4.27 4.35  5.00
3. Did the exam questions reflect the expected goals   0   0  0  0  0  2  21  4.91   172/1406  4.91 4.40  4.32 4.48  4.91
4. Did other evaluations reflect the expected goals    0   1  0  0  0  6  16  4.73   317/1615  4.73 4.21  4.24 4.37  4.73
5. Did assigned readings contribute to what you learned 0  2  1  1  3  8   8  4.00   851/1566  4.00 3.81  4.07 4.17  4.00
6. Did written assignments contribute to what you learned 2 4 0 0 1 4  12  4.65   315/1528  4.65 4.00  4.12 4.26  4.65
7. Was the grading system clearly explained            1   0  0  0  0  4  18  4.82   222/1650  4.82 4.37  4.22 4.28  4.82
8. How many times was class cancelled                  2   0  0  0  0 12   9  4.43  1236/1667  4.43 4.83  4.67 4.73  4.43
9. How would you grade the overall teaching effectiveness 2 0 0 0 0  4  17  4.81   167/1626  4.81 4.06  4.11 4.28  4.81


                 Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  1  22  4.96   138/1559  4.96 4.54  4.46 4.58  4.96
2. Did the instructor seem interested in the subject   0   0  0  0  0  0  23  5.00     1/1560  5.00 4.78  4.72 4.80  5.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  1  22  4.96   101/1549  4.96 4.33  4.31 4.43  4.96
4. Did the lectures contribute to what you learned     0   0  0  0  0  0  23  5.00     1/1546  5.00 4.37  4.32 4.43  5.00
5. Did audiovisual techniques enhance your understanding 0 2 0 0 0  9  12  4.57   288/1323  4.57 4.24  4.00 4.10  4.57


                 Discussion
1. Did class discussions contribute to what you learned 1  0  0  0  2  8  12  4.45   487/1384  4.45 4.01  4.10 4.32  4.45
2. Were all students actively encouraged to participate 1  0  0  0  0  3  19  4.86   285/1378  4.86 4.11  4.29 4.55  4.86
3. Did the instructor encourage fair and open discussion 1 0 0 0 0  2  20  4.91   281/1378  4.91 4.13  4.31 4.60  4.91
4. Were special techniques successful                  1  11  0  0  0  4   7  4.64   190/ 904  4.64 4.14  4.03 4.22  4.64
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                                    Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades          Reasons                Type                  Majors
-------------------------------------------------------------------------------------------------------------------------
  00-27     1      0.00-0.99   0       A   14        Required for Majors   0      Graduate      5      Major        20
  28-55     0      1.00-1.99   0       B    7                                                          
  56-83     0      2.00-2.99   2       C    1        General               2      Under-grad   18      Non-major     3
  84-150    5      3.00-3.49   3       D    0
  Grad.     5      3.50-4.00   8       F    0        Electives             0      #### - Means there are not enough
                                       P    0                                     responses to be significant
                                       I    1        Other                21
                                       ?    0
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                                               Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions                 NR  NA  1  2  3  4  5  Mean    Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  1  0  2  3  9  4.27   985/1670  4.27  4.47  4.31  4.45  4.27
2. Did the instructor make clear the expected goals    0   0  2  1  1  8  3  3.60  1479/1666  3.60  4.34  4.27  4.35  3.60
3. Did the exam questions reflect the expected goals   0   0  1  0  3  4  7  4.07  1021/1406  4.07  4.40  4.32  4.48  4.07
4. Did other evaluations reflect the expected goals    0   9  0  1  0  2  3  4.17   972/1615  4.17  4.21  4.24  4.37  4.17
5. Did assigned readings contribute to what you learned 0  5  0  0  1  4  5  4.40   491/1566  4.40  3.81  4.07  4.17  4.40
6. Did written assignments contribute to what you learned 0 5 0 0 2 4 4  4.20   760/1528  4.20  4.00  4.12  4.26  4.20
7. Was the grading system clearly explained            0   0  1  0  3  3  8  4.13  1043/1650  4.13  4.37  4.22  4.28  4.13
8. How many times was class cancelled                  0   0  0  0  0  0 15  5.00     1/1667  5.00  4.83  4.67  4.73  5.00
9. How would you grade the overall teaching effectiveness 1 0 1 2 6 5 0  3.07  1530/1626  3.07  4.06  4.11  4.28  3.07


                 Lecture
1. Were the instructor's lectures well prepared        0   0  0  1  4  0 10  4.27  1150/1559  4.27  4.54  4.46  4.58  4.27
2. Did the instructor seem interested in the subject   0   0  0  0  0  2 13  4.87   699/1560  4.87  4.78  4.72  4.80  4.87
3. Was lecture material presented and explained clearly 0  0  1  2  3  7  2  3.47  1405/1549  3.47  4.33  4.31  4.43  3.47
4. Did the lectures contribute to what you learned     0   0  1  3  2  7  2  3.40  1411/1546  3.40  4.37  4.32  4.43  3.40
5. Did audiovisual techniques enhance your understanding 1  9  0  0  1  3  1  4.00   692/1323  4.00  4.24  4.00  4.10  4.00


                 Discussion
1. Did class discussions contribute to what you learned 9  0  1  2  0  1  2  3.17  1231/1384  3.17  4.01  4.10  4.32  3.17
2. Were all students actively encouraged to participate 9  0  2  0  1  1  2  3.17  1282/1378  3.17  4.11  4.29  4.55  3.17
3. Did the instructor encourage fair and open discussion 9 0  0  2  1  1  2  3.50  1189/1378  3.50  4.13  4.31  4.60  3.50
4. Were special techniques successful                  9   4  0  0  1  0  1  4.00  ****/ 904  ****  4.14  4.03  4.22  ****
```

                             Frequency Distribution

```
Credits Earned          Cum. GPA           Expected Grades          Reasons                    Type                      Majors
-------------------------------------------------------------------------------------------------------------------------------
 00-27      0        0.00-0.99    0         A    3        Required for Majors   1      Graduate      2        Major        14
 28-55      0        1.00-1.99    0         B    3                                                            
 56-83      0        2.00-2.99    1         C    7        General               0      Under-grad   13        Non-major     1
 84-150     4        3.00-3.49    3         D    2
 Grad.      2        3.50-4.00    4         F    0        Electives             0      #### - Means there are not enough
                                           P    0                                     responses to be significant
                                           I    0        Other                13
                                           ?    0
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Course-Section: PHYS 607  0101            University of Maryland                              Page 1314
Title       ELECTROMAG WAVES/RADIA          Baltimore County                               AUG  6, 2008
Instructor:    KRAMER, IVAN                    Spring 2008                                 Job IRBR3029
Enrollment:    7
Questionnaires:  6              Student Course Evaluation Questionnaire


                                      Frequencies         Instructor   Course Dept  UMBC Level  Sect
              Questions                NR  NA  1  2  3  4  5  Mean     Rank       Mean  Mean  Mean  Mean  Mean
-------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course    1   0   0  0  0  1  4  4.80   300/1670   4.80  4.47  4.31  4.46  4.80
2. Did the instructor make clear the expected goals     1   0   0  0  0  2  3  4.60   490/1666   4.60  4.34  4.27  4.34  4.60
3. Did the exam questions reflect the expected goals    1   0   0  0  0  0  5  5.00     1/1406   5.00  4.40  4.32  4.36  5.00
4. Did other evaluations reflect the expected goals     2   1   0  0  0  0  3  5.00     1/1615   5.00  4.21  4.24  4.33  5.00
5. Did assigned readings contribute to what you learned 1   0   0  0  0  2  3  4.60   339/1566   4.60  3.81  4.07  4.20  4.60
6. Did written assignments contribute to what you learned 2  0   0  0  0  0  4  5.00     1/1528   5.00  4.00  4.12  4.33  5.00
7. Was the grading system clearly explained             1   0   0  0  0  1  4  4.80   229/1650   4.80  4.37  4.22  4.30  4.80
8. How many times was class cancelled                   1   0   0  0  0  0  5  5.00     1/1667   5.00  4.83  4.67  4.74  5.00
9. How would you grade the overall teaching effectiveness 1 0   0  0  0  3  2  4.40   563/1626   4.40  4.06  4.11  4.20  4.40


              Lecture
1. Were the instructor's lectures well prepared         1   0   0  0  0  3  2  4.40  1022/1559   4.40  4.54  4.46  4.49  4.40
2. Did the instructor seem interested in the subject    1   0   0  0  0  0  5  5.00     1/1560   5.00  4.78  4.72  4.81  5.00
3. Was lecture material presented and explained clearly 1   0   0  0  0  1  4  4.80   294/1549   4.80  4.33  4.31  4.37  4.80
4. Did the lectures contribute to what you learned      1   0   0  1  0  2  2  4.00  1139/1546   4.00  4.37  4.32  4.40  4.00
5. Did audiovisual techniques enhance your understanding 2  2   0  0  1  0  1  4.00   692/1323   4.00  4.24  4.00  4.03  4.00


              Discussion
1. Did class discussions contribute to what you learned 3   0   0  0  0  0  3  5.00     1/1384   5.00  4.01  4.10  4.21  5.00
2. Were all students actively encouraged to participate 3   0   0  0  0  0  3  5.00     1/1378   5.00  4.11  4.29  4.42  5.00
3. Did the instructor encourage fair and open discussion 3  0   0  0  0  0  3  5.00     1/1378   5.00  4.13  4.31  4.51  5.00
4. Were special techniques successful                   3   2   0  0  0  1  0  4.00  ****/ 904   ****  4.14  4.03  4.04  ****

                                  Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades        Reasons              Type               Majors
-------------------------------------------------------------------------------------------------------------
  00-27      1      0.00-0.99    1       A   3       Required for Majors   0     Graduate     4      Major       3
  28-55      0      1.00-1.99    0       B   2
  56-83      0      2.00-2.99    0       C   0       General               0     Under-grad   2      Non-major   3
  84-150     0      3.00-3.49    0       D   0
  Grad.      4      3.50-4.00    1       F   0       Electives             0     #### - Means there are not enough
                                         P   0                                  responses to be significant
                                         I   0       Other                 5
                                         ?   0
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Course-Section: PHYS 610  0101              University of Maryland                              Page 1315
Title      NON-LINEAR OPTICS                    Baltimore County                              AUG  6, 2008
Instructor:   RUBIN, MORTON H                      Spring 2008                                Job IRBR3029
Enrollment:     4
Questionnaires:  3                  Student Course Evaluation Questionnaire


                                           Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions               NR  NA  1  2  3  4  5  Mean     Rank    Mean  Mean  Mean  Mean  Mean
-------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course  0   0  0  0  0  1  2  4.67   479/1670  4.67  4.47  4.31  4.46  4.67
2. Did the instructor make clear the expected goals   0   0  0  0  0  2  1  4.33   870/1666  4.33  4.34  4.27  4.34  4.33
3. Did the exam questions reflect the expected goals  0   0  0  0  0  1  2  4.67   423/1406  4.67  4.40  4.32  4.36  4.67
4. Did other evaluations reflect the expected goals   0   0  0  0  0  1  2  4.67   379/1615  4.67  4.21  4.24  4.33  4.67
5. Did assigned readings contribute to what you learned 0 0  0  0  0  0  3  5.00     1/1566  5.00  3.81  4.07  4.20  5.00
6. Did written assignments contribute to what you learned 0 0 0 0  0  1  2  4.67   300/1528  4.67  4.00  4.12  4.33  4.67
7. Was the grading system clearly explained           0   0  0  0  0  1  2  4.67   361/1650  4.67  4.37  4.22  4.30  4.67
8. How many times was class cancelled                 0   0  0  0  0  0  3  5.00     1/1667  5.00  4.83  4.67  4.74  5.00


                 Lecture
1. Were the instructor's lectures well prepared       0   0  0  0  0  0  3  5.00     1/1559  5.00  4.54  4.46  4.49  5.00
2. Did the instructor seem interested in the subject  0   0  0  0  0  0  3  5.00     1/1560  5.00  4.78  4.72  4.81  5.00
3. Was lecture material presented and explained clearly 0 0  0  0  0  0  3  5.00     1/1549  5.00  4.33  4.31  4.37  5.00
4. Did the lectures contribute to what you learned    0   0  0  0  0  1  2  4.67   520/1546  4.67  4.37  4.32  4.40  4.67
5. Did audiovisual techniques enhance your understanding 0 0 0 1  0  0  2  4.00   692/1323  4.00  4.24  4.00  4.03  4.00


                 Discussion
1. Did class discussions contribute to what you learned 2 0  0  0  0  0  1  5.00     1/1384  5.00  4.01  4.10  4.21  5.00
2. Were all students actively encouraged to participate 2 0  0  0  0  1  0  4.00   970/1378  4.00  4.11  4.29  4.42  4.00
3. Did the instructor encourage fair and open discussion 2 0 0 0  0  0  1  5.00     1/1378  5.00  4.13  4.31  4.51  5.00
4. Were special techniques successful                 2   0  0  0  0  0  1  5.00     1/ 904  5.00  4.14  4.03  4.04  5.00


                                    Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades          Reasons              Type                Majors
-------------------------------------------------------------------------------------------------------------
  00-27      0        0.00-0.99    0       A    2        Required for Majors   0      Graduate    1       Major        0
  28-55      0        1.00-1.99    0       B    0
  56-83      0        2.00-2.99    0       C    0        General               1      Under-grad  2       Non-major    3
  84-150     0        3.00-3.49    0       D    0
  Grad.      1        3.50-4.00    0       F    0        Electives             0      #### - Means there are not enough
                                           P    0                                     responses to be significant
                                           I    0        Other                 1
                                           ?    0
```

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Course-Section: PHYS 622  0101              University of Maryland                        Page 1316
Title       ATMOS PHYSICS II                Baltimore County                             AUG  6, 2008
Instructor:  MCMILLAN, WALLA                Spring 2008                                  Job IRBR3029
Enrollment:    4
Questionnaires:  4                  Student Course Evaluation Questionnaire


                                            Frequencies         Instructor   Course Dept  UMBC Level  Sect
               Questions                 NR  NA  1  2  3  4  5  Mean    Rank  Mean  Mean  Mean  Mean  Mean
-----------------------------------------------------------------------------------------------------------
               General
1. Did you gain new insights,skills from this course  0  0  0  0  1  0  3  4.50   665/1670  4.50  4.47  4.31  4.46  4.50
2. Did the instructor make clear the expected goals   0  0  0  0  0  4  0  4.00  1199/1666  4.00  4.34  4.27  4.34  4.00
3. Did the exam questions reflect the expected goals  0  1  0  0  0  3  0  4.00  1057/1406  4.00  4.40  4.32  4.36  4.00
4. Did other evaluations reflect the expected goals   0  0  0  0  1  2  1  4.00  1083/1615  4.00  4.21  4.24  4.33  4.00
5. Did assigned readings contribute to what you learned  0  0  0  0  1  2  1  4.00   851/1566  4.00  3.81  4.07  4.20  4.00
6. Did written assignments contribute to what you learned  0  0  0  1  0  2  1  3.75  1152/1528  3.75  4.00  4.12  4.33  3.75
7. Was the grading system clearly explained           0  0  0  2  0  1  1  3.25  1541/1650  3.25  4.37  4.22  4.30  3.25
8. How many times was class cancelled                 0  0  0  0  0  0  4  5.00     1/1667  5.00  4.83  4.67  4.74  5.00
9. How would you grade the overall teaching effectiveness  1  0  0  0  0  3  0  4.00   953/1626  4.00  4.06  4.11  4.20  4.00


               Lecture
1. Were the instructor's lectures well prepared       1  0  0  0  0  1  2  4.67   673/1559  4.67  4.54  4.46  4.49  4.67
2. Did the instructor seem interested in the subject  1  0  0  0  0  0  3  5.00     1/1560  5.00  4.78  4.72  4.81  5.00
3. Was lecture material presented and explained clearly  1  0  0  0  0  2  1  4.33   900/1549  4.33  4.33  4.31  4.37  4.33
4. Did the lectures contribute to what you learned    1  0  0  0  0  2  1  4.33   919/1546  4.33  4.37  4.32  4.40  4.33
5. Did audiovisual techniques enhance your understanding  1  0  0  0  1  0  2  4.33   481/1323  4.33  4.24  4.00  4.03  4.33


               Discussion
1. Did class discussions contribute to what you learned  3  0  0  0  1  0  0  3.00  1260/1384  3.00  4.01  4.10  4.21  3.00
2. Were all students actively encouraged to participate  3  0  0  0  0  1  0  4.00   970/1378  4.00  4.11  4.29  4.42  4.00
3. Did the instructor encourage fair and open discussion  3  0  0  0  0  1  0  4.00   977/1378  4.00  4.13  4.31  4.51  4.00


                                    Frequency Distribution


Credits Earned         Cum. GPA         Expected Grades          Reasons              Type              Majors
-----------------------------------------------------------------------------------------------------------------
  00-27      0        0.00-0.99   0       A    0       Required for Majors   0     Graduate      1     Major        0
  28-55      0        1.00-1.99   0       B    0
  56-83      0        2.00-2.99   1       C    1       General               0     Under-grad    3     Non-major    4
  84-150     0        3.00-3.49   0       D    0
  Grad.      1        3.50-4.00   0       F    0       Electives             0     #### - Means there are not enough
                                          P    0                                   responses to be significant
                                          I    0       Other                 2
                                          ?    1
```

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                                                   Frequencies            Instructor   Course Dept  UMBC Level  Sect
              Questions                   NR  NA   1   2   3   4   5  Mean      Rank     Mean  Mean  Mean  Mean  Mean
-------------------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course  0   0   0   0   0   1   3  4.75   363/1670   4.75  4.47  4.31  4.46  4.75
2. Did the instructor make clear the expected goals   0   0   0   0   0   2   2  4.50   622/1666   4.50  4.34  4.27  4.34  4.50
3. Did the exam questions reflect the expected goals  0   2   0   0   1   0   1  4.00  1057/1406   4.00  4.40  4.32  4.36  4.00
4. Did other evaluations reflect the expected goals   0   1   0   0   1   2   0  3.67  1380/1615   3.67  4.21  4.24  4.33  3.67
5. Did assigned readings contribute to what you learned 0  0   0   0   1   2   1  4.00   851/1566   4.00  3.81  4.07  4.20  4.00
6. Did written assignments contribute to what you learned 0 1  0   0   0   1   2  4.67   300/1528   4.67  4.00  4.12  4.33  4.67
7. Was the grading system clearly explained           0   1   0   0   2   0   1  3.67  1404/1650   3.67  4.37  4.22  4.30  3.67
8. How many times was class cancelled                 0   0   0   0   0   0   4  5.00     1/1667   5.00  4.83  4.67  4.74  5.00
9. How would you grade the overall teaching effectiveness 0 0 0  0   1   0   3  4.50   403/1626   4.50  4.06  4.11  4.20  4.50


              Lecture
1. Were the instructor's lectures well prepared       0   0   0   0   0   2   2  4.50   896/1559   4.50  4.54  4.46  4.49  4.50
2. Did the instructor seem interested in the subject  0   0   0   0   0   1   3  4.75   948/1560   4.75  4.78  4.72  4.81  4.75
3. Was lecture material presented and explained clearly 0  0   0   0   1   0   3  4.50   683/1549   4.50  4.33  4.31  4.37  4.50
4. Did the lectures contribute to what you learned    0   0   0   0   0   2   2  4.50   715/1546   4.50  4.37  4.32  4.40  4.50
5. Did audiovisual techniques enhance your understanding 0 0  0   0   1   0   3  4.50   326/1323   4.50  4.24  4.00  4.03  4.50


              Discussion
1. Did class discussions contribute to what you learned 1  0   0   0   1   0   2  4.33   608/1384   4.33  4.01  4.10  4.21  4.33
2. Were all students actively encouraged to participate 1  0   0   0   0   1   2  4.67   481/1378   4.67  4.11  4.29  4.42  4.67
3. Did the instructor encourage fair and open discussion 1 0  0   0   0   2   1  4.33   813/1378   4.33  4.13  4.31  4.51  4.33
4. Were special techniques successful                 1   2   0   0   0   0   1  5.00     1/ 904   5.00  4.14  4.03  4.04  5.00
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                                      Frequency Distribution

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Credits Earned          Cum. GPA          Expected Grades           Reasons                    Type                   Majors
-------------------------------------------------------------------------------------------------------------------------------
00-27      0        0.00-0.99    0        A    2      Required for Majors   0      Graduate     1        Major        3
28-55      0        1.00-1.99    0        B    1
56-83      0        2.00-2.99    0        C    0      General               0      Under-grad   3        Non-major    1
84-150     0        3.00-3.49    0        D    0
Grad.      1        3.50-4.00    0        F    0      Electives             0      #### - Means there are not enough
                                          P    0                                  responses to be significant
                                          I    0      Other                 3
                                          ?    0
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Course-Section: PHYS 701  0101            University of Maryland                              Page 1318
Title        QUANTUM MECHANICS II          Baltimore County                                 AUG  6, 2008
Instructor:  FRANSON, JAMES                  Spring 2008                                    Job IRBR3029
Enrollment:     10
Questionnaires: 10               Student Course Evaluation Questionnaire


                                         Frequencies         Instructor   Course Dept  UMBC Level  Sect
              Questions               NR  NA   1   2   3   4   5  Mean     Rank       Mean Mean Mean Mean Mean
---------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course   0   0   0   0   0   1   9  4.90  206/1670  4.90 4.47 4.31 4.46 4.90
2. Did the instructor make clear the expected goals    0   0   0   0   0   2   8  4.80  259/1666  4.80 4.34 4.27 4.34 4.80
3. Did the exam questions reflect the expected goals   0   0   0   0   0   3   7  4.70  387/1406  4.70 4.40 4.32 4.36 4.70
4. Did other evaluations reflect the expected goals    0   1   0   0   0   1   8  4.89  189/1615  4.89 4.21 4.24 4.33 4.89
5. Did assigned readings contribute to what you learned 0  0   0   0   2   0   8  4.60  339/1566  4.60 3.81 4.07 4.20 4.60
6. Did written assignments contribute to what you learned 0 0  0   0   0   2   8  4.80  173/1528  4.80 4.00 4.12 4.33 4.80
7. Was the grading system clearly explained            0   0   0   0   0   1   9  4.90  159/1650  4.90 4.37 4.22 4.30 4.90
8. How many times was class cancelled                  0   0   0   0   0   1   9  4.90  675/1667  4.90 4.83 4.67 4.74 4.90
9. How would you grade the overall teaching effectiveness 3 0  0   0   0   3   4  4.57  347/1626  4.57 4.06 4.11 4.20 4.57


              Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   0   1   9  4.90  276/1559  4.90 4.54 4.46 4.49 4.90
2. Did the instructor seem interested in the subject   0   0   0   0   0   0  10  5.00    1/1560  5.00 4.78 4.72 4.81 5.00
3. Was lecture material presented and explained clearly 0  0   0   0   0   2   8  4.80  294/1549  4.80 4.33 4.31 4.37 4.80
4. Did the lectures contribute to what you learned     0   0   0   0   0   0  10  5.00    1/1546  5.00 4.37 4.32 4.40 5.00
5. Did audiovisual techniques enhance your understanding 0 1  0   0   2   1   6  4.44  384/1323  4.44 4.24 4.00 4.03 4.44


              Discussion
1. Did class discussions contribute to what you learned 5  0   0   0   0   1   4  4.80  221/1384  4.80 4.01 4.10 4.21 4.80
2. Were all students actively encouraged to participate 5  0   0   0   0   1   4  4.80  348/1378  4.80 4.11 4.29 4.42 4.80
3. Did the instructor encourage fair and open discussion 5 0  0   0   0   1   4  4.80  386/1378  4.80 4.13 4.31 4.51 4.80
4. Were special techniques successful                  5   2   0   0   0   1   2  4.67  179/ 904  4.67 4.14 4.03 4.04 4.67


                                     Frequency Distribution

Credits Earned          Cum. GPA        Expected Grades         Reasons                  Type                 Majors
----------------------------------------------------------------------------------------------------------------------
00-27      1     0.00-0.99    0       A    8       Required for Majors   0     Graduate      5      Major       10
28-55      0     1.00-1.99    0       B    2
56-83      0     2.00-2.99    0       C    0       General               0     Under-grad    5      Non-major    0
84-150     0     3.00-3.49    0       D    0
Grad.      5     3.50-4.00    6       F    0       Electives             0     #### - Means there are not enough
                                      P    0                                   responses to be significant
                                      I    0       Other                10
                                      ?    0
```

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Course-Section: PHYS 705  0101              University of Maryland                           Page 1319
Title       MATHEMATICAL PHYS II            Baltimore County                             AUG  6, 2008
Instructor:  ROUS, PHILIP                       Spring 2008                              Job IRBR3029
Enrollment:    12
Questionnaires:  11                 Student Course Evaluation Questionnaire
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                                               Frequencies       Instructor   Course Dept  UMBC Level  Sect
              Questions                   NR  NA  1   2   3   4   5  Mean    Rank      Mean  Mean  Mean  Mean  Mean
-----------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course   1   0   0   0   0   1   9  4.90  206/1670  4.90  4.47  4.31  4.46  4.90
2. Did the instructor make clear the expected goals    1   0   0   0   0   1   9  4.90  173/1666  4.90  4.34  4.27  4.34  4.90
3. Did the exam questions reflect the expected goals   1   0   0   0   0   1   9  4.90  191/1406  4.90  4.40  4.32  4.36  4.90
4. Did other evaluations reflect the expected goals    1   3   0   0   0   1   6  4.86  210/1615  4.86  4.21  4.24  4.33  4.86
5. Did assigned readings contribute to what you learned 1  3   0   0   1   1   5  4.57  354/1566  4.57  3.81  4.07  4.20  4.57
6. Did written assignments contribute to what you learned 1 2  0   0   0   2   6  4.75  221/1528  4.75  4.00  4.12  4.33  4.75
7. Was the grading system clearly explained            1   0   0   0   1   0   9  4.80  229/1650  4.80  4.37  4.22  4.30  4.80
8. How many times was class cancelled                  1   0   0   0   0   2   8  4.80  861/1667  4.80  4.83  4.67  4.74  4.80
9. How would you grade the overall teaching effectiveness 3 0  0   0   0   2   6  4.75  207/1626  4.75  4.06  4.11  4.20  4.75


              Lecture
1. Were the instructor's lectures well prepared        1   0   0   0   0   2   8  4.80  435/1559  4.80  4.54  4.46  4.49  4.80
2. Did the instructor seem interested in the subject   1   0   0   0   0   0  10  5.00    1/1560  5.00  4.78  4.72  4.81  5.00
3. Was lecture material presented and explained clearly 1  0   0   0   0   2   8  4.80  294/1549  4.80  4.33  4.31  4.37  4.80
4. Did the lectures contribute to what you learned     1   0   0   0   0   0  10  5.00    1/1546  5.00  4.37  4.32  4.40  5.00
5. Did audiovisual techniques enhance your understanding 1 4  0   0   2   0   4  4.33  481/1323  4.33  4.24  4.00  4.03  4.33


              Discussion
1. Did class discussions contribute to what you learned 5  0   0   1   0   1   4  4.33  608/1384  4.33  4.01  4.10  4.21  4.33
2. Were all students actively encouraged to participate 5  0   0   0   0   1   5  4.83  316/1378  4.83  4.11  4.29  4.42  4.83
3. Did the instructor encourage fair and open discussion 5 0  0   0   0   1   5  4.83  354/1378  4.83  4.13  4.31  4.51  4.83
4. Were special techniques successful                  5   3   0   0   1   0   2  4.33  328/ 904  4.33  4.14  4.03  4.04  4.33


              Laboratory
2. Were you provided with adequate background information 10 0 1   0   0   0   0  1.00 ****/ 239  ****  4.59  4.21  4.53  ****


              Seminar
1. Were assigned topics relevant to the announced theme 10 0  0   0   0   0   1  5.00 ****/  87  ****  5.00  4.65  4.61  ****
2. Was the instructor available for individual attention 10 0 0   0   0   0   1  5.00 ****/  79  ****  ****  4.64  4.67  ****
3. Did research projects contribute to what you learned 10 0  0   0   0   1   0  4.00 ****/  75  ****  ****  4.57  4.66  ****


              Self  Paced
3. Were your contacts with the instructor helpful      10   0   0   0   0   1   0  4.00 ****/  27  ****  2.00  4.54  4.67  ****


                                     Frequency Distribution


Credits Earned          Cum. GPA          Expected Grades              Reasons                  Type                    Majors
------------------------------------------------------------------------------------------------------------------------------
00-27      2       0.00-0.99     0         A    6         Required for Majors    0       Graduate      7       Major         6
28-55      0       1.00-1.99     0         B    4
56-83      0       2.00-2.99     1         C    0         General                2       Under-grad    4       Non-major     5
84-150     0       3.00-3.49     1         D    0
Grad.      7       3.50-4.00     4         F    0         Electives              0       #### - Means there are not enough
                                           P    0                                         responses to be significant
                                           I    0         Other                  8
                                           ?    0
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Enrollment: 4
Questionnaires: 4   Student Course Evaluation Questionnaire

                                        Frequencies   Instructor   Course Dept UMBC Level Sect
                 Questions   NR NA   1   2   3   4   5 Mean   Rank   Mean Mean Mean Mean Mean
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                 General
1. Did you gain new insights,skills from this course   0   0   0   0   0   1   3 4.75   363/1670 4.75 4.47 4.31 4.46 4.75
2. Did the instructor make clear the expected goals   0   0   0   0   1   0   3 4.50   622/1666 4.50 4.34 4.27 4.34 4.50
3. Did the exam questions reflect the expected goals   0   1   0   0   1   0   2 4.33   799/1406 4.33 4.40 4.32 4.36 4.33
4. Did other evaluations reflect the expected goals   1   0   0   0   0   1   2 4.67   379/1615 4.67 4.21 4.24 4.33 4.67
5. Did assigned readings contribute to what you learned 0   0   0   0   0   1   3 4.75   226/1566 4.75 3.81 4.07 4.20 4.75
6. Did written assignments contribute to what you learned 0   0   0   0   0   1   3 4.75   221/1528 4.75 4.00 4.12 4.33 4.75
7. Was the grading system clearly explained   0   0   0   0   0   3   1 4.25   903/1650 4.25 4.37 4.22 4.30 4.25
8. How many times was class cancelled   0   0   0   0   0   0   4 5.00   1/1667 5.00 4.83 4.67 4.74 5.00
9. How would you grade the overall teaching effectiveness 0 0   0   0   0   2   2 4.50   403/1626 4.50 4.06 4.11 4.20 4.50

                 Lecture
1. Were the instructor's lectures well prepared   0   0   0   0   0   0   4 5.00   1/1559 5.00 4.54 4.46 4.49 5.00
2. Did the instructor seem interested in the subject   0   0   0   0   0   1   3 4.75   948/1560 4.75 4.78 4.72 4.81 4.75
3. Was lecture material presented and explained clearly 0   0   0   0   0   1   3 4.75   366/1549 4.75 4.33 4.31 4.37 4.75
4. Did the lectures contribute to what you learned   0   0   0   0   1   0   3 4.50   715/1546 4.50 4.37 4.32 4.40 4.50
5. Did audiovisual techniques enhance your understanding 0 1   0   0   0   0   3 5.00   1/1323 5.00 4.24 4.00 4.03 5.00

                 Discussion
1. Did class discussions contribute to what you learned 2   0   0   0   0   1   1 4.50   434/1384 4.50 4.01 4.10 4.21 4.50
2. Were all students actively encouraged to participate 2   0   0   0   0   1   1 4.50   603/1378 4.50 4.11 4.29 4.42 4.50
3. Did the instructor encourage fair and open discussion 2 0   0   0   0   1   1 4.50   653/1378 4.50 4.13 4.31 4.51 4.50
4. Were special techniques successful   2   1   0   0   0   0   1 5.00   1/ 904 5.00 4.14 4.03 4.04 5.00

                                        Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
00-27   0   0.00-0.99   1   A   2   Required for Majors   0   Graduate   2   Major   0
28-55   0   1.00-1.99   0   B   1
56-83   0   2.00-2.99   0   C   0   General   1   Under-grad   2   Non-major   4
84-150   0   3.00-3.49   0   D   0
Grad.   2   3.50-4.00   0   F   0   Electives   0   #### - Means there are not enough
                                          P   0   responses to be significant
                                          I   0   Other   2
                                          ?   0

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Course-Section: PHYS 722 0101              University of Maryland                         Page   12
Title          Atmos Remote Sens           Baltimore County                         AUG  6, 2008
Instructor:    Chiu, Christine (Instr. A)       Spring 2008                         Job IRBR3029
Enrollment:        0
Questionnaires:    4                 Student Course Evaluation Questionnaire


                                         Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA   1   2   3   4   5  Mean     Rank     Mean Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course  0   0   0   0   0   1   3  4.75   363/1670   ****  4.51  4.31  4.23  4.75
2. Did the instructor make clear the expected goals   0   0   0   0   1   0   3  4.50   622/1666   ****  4.52  4.27  4.30  4.50
3. Did the exam questions reflect the expected goals  0   1   0   0   1   0   2  4.33   799/1406   ****  4.52  4.32  4.31  4.33
4. Did other evaluations reflect the expected goals   1   0   0   0   0   1   2  4.67   379/1615   ****  4.45  4.24  4.17  4.67
5. Did assigned readings contribute to what you learned 0  0   0   0   0   1   3  4.75   226/1566   ****  4.39  4.07  4.03  4.75
6. Did written assignments contribute to what you learned 0 0  0   0   0   1   3  4.75   221/1528   ****  4.40  4.12  4.00  4.75
7. Was the grading system clearly explained           0   0   0   0   0   3   1  4.25   903/1650   ****  4.51  4.22  4.28  4.25
8. How many times was class cancelled                 0   0   0   0   0   0   4  5.00     1/1667   ****  4.86  4.67  4.61  5.00
9. How would you grade the overall teaching effectiveness 0 0 0   0   0   3   1  4.25   728/1626   ****  4.34  4.11  4.07  4.13


                 Lecture
1. Were the instructor's lectures well prepared       1   0   0   0   0   0   3  5.00     1/1559   ****  4.65  4.46  4.47  5.00
2. Did the instructor seem interested in the subject  1   0   0   0   0   1   2  4.67  1090/1560   ****  4.87  4.72  4.68  4.83
3. Was lecture material presented and explained clearly 1 0  0   0   1   0   2  4.33   900/1549   ****  4.48  4.31  4.32  4.17
4. Did the lectures contribute to what you learned    1   0   0   0   1   0   2  4.33   919/1546   ****  4.51  4.32  4.32  4.17
5. Did audiovisual techniques enhance your understanding 1 1  0   0   0   1   1  4.50   326/1323   ****  4.13  4.00  3.91  3.75


                 Discussion
1. Did class discussions contribute to what you learned 3  0   0   0   0   0   1  5.00     1/1384   ****  4.63  4.10  3.92  5.00
2. Were all students actively encouraged to participate 3  0   0   0   0   0   1  5.00     1/1378   ****  4.75  4.29  4.09  5.00
3. Did the instructor encourage fair and open discussion 3 0  0   0   0   0   1  5.00     1/1378   ****  4.89  4.31  4.08  5.00
4. Were special techniques successful                 3   0   0   0   0   0   1  5.00     1/ 904   ****  4.22  4.03  3.94  5.00

                               Frequency Distribution

Credits Earned        Cum. GPA          Expected Grades          Reasons                  Type                    Majors
-------------------------------------------------------------------------------------------------------------------------
  00-27      0       0.00-0.99    1        A    2      Required for Majors   0      Graduate      2        Major        0
  28-55      0       1.00-1.99    0        B    1
  56-83      0       2.00-2.99    0        C    0      General               1      Under-grad    2        Non-major    1
  84-150     0       3.00-3.49    0        D    0
  Grad.      2       3.50-4.00    0        F    0      Electives             0      #### - Means there are not enough
                                          P    0                                   responses to be significant
                                          I    0      Other                 2
                                          ?    0
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Course-Section: PHYS 722 0101            University of Maryland                         Page   13
Title          Atmos Remote Sens           Baltimore County                            AUG  6, 2008
Instructor:                 (Instr. B)     Spring 2008                                  Job IRBR3029
Enrollment:       0
Questionnaires:   4                  Student Course Evaluation Questionnaire

                                         Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA  1  2  3  4  5  Mean     Rank     Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  0  0  0  1  3  4.75   363/1670   ****  4.51  4.31  4.23  4.75
2. Did the instructor make clear the expected goals    0   0  0  0  1  0  3  4.50   622/1666   ****  4.52  4.27  4.30  4.50
3. Did the exam questions reflect the expected goals   0   1  0  0  1  0  2  4.33   799/1406   ****  4.52  4.32  4.31  4.33
4. Did other evaluations reflect the expected goals    1   0  0  0  0  1  2  4.67   379/1615   ****  4.45  4.24  4.17  4.67
5. Did assigned readings contribute to what you learned 0  0  0  0  0  1  3  4.75   226/1566   ****  4.39  4.07  4.03  4.75
6. Did written assignments contribute to what you learned 0 0  0  0  0  1  3  4.75   221/1528   ****  4.40  4.12  4.00  4.75
7. Was the grading system clearly explained            0   0  0  0  0  3  1  4.25   903/1650   ****  4.51  4.22  4.28  4.25
8. How many times was class cancelled                  0   0  0  0  0  0  4  5.00     1/1667   ****  4.86  4.67  4.61  5.00
9. How would you grade the overall teaching effectiveness 3 0 0  0  0  1  0  4.00   953/1626   ****  4.34  4.11  4.07  4.13


                 Lecture
1. Were the instructor's lectures well prepared        3   0  0  0  0  0  1  5.00     1/1559   ****  4.65  4.46  4.47  5.00
2. Did the instructor seem interested in the subject   3   0  0  0  0  0  1  5.00     1/1560   ****  4.87  4.72  4.68  4.83
3. Was lecture material presented and explained clearly 3  0  0  0  0  1  0  4.00  1146/1549   ****  4.48  4.31  4.32  4.17
4. Did the lectures contribute to what you learned     3   0  0  0  0  1  0  4.00  1139/1546   ****  4.51  4.32  4.32  4.17
5. Did audiovisual techniques enhance your understanding 3 0 0  0  1  0  0  3.00  1179/1323   ****  4.13  4.00  3.91  3.75


                 Discussion
1. Did class discussions contribute to what you learned 3  0  0  0  0  0  1  5.00     1/1384   ****  4.63  4.10  3.92  5.00
2. Were all students actively encouraged to participate 3  0  0  0  0  0  1  5.00     1/1378   ****  4.75  4.29  4.09  5.00
3. Did the instructor encourage fair and open discussion 3 0 0  0  0  0  1  5.00     1/1378   ****  4.89  4.31  4.08  5.00
4. Were special techniques successful                  3   0  0  0  0  0  1  5.00     1/ 904   ****  4.22  4.03  3.94  5.00

                              Frequency Distribution

Credits Earned         Cum. GPA        Expected Grades         Reasons              Type               Majors
-------------------------------------------------------------------------------------------------------------
  00-27     0       0.00-0.99    1       A    2      Required for Majors   0    Graduate     2       Major       0
  28-55     0       1.00-1.99    0       B    1
  56-83     0       2.00-2.99    0       C    0      General               1    Under-grad   2       Non-major   1
  84-150    0       3.00-3.49    0       D    0
  Grad.     2       3.50-4.00    0       F    0      Electives             0    #### - Means there are not enough
                                         P    0                                responses to be significant
                                         I    0      Other                 2
                                         ?    0
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