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Course-Section: PHYS 101  0101          University of Maryland                              Page 1181
Title       IDEAS IN MODERN PHYSIC      Baltimore County                                  JUN 26, 2007
Instructor:  SINSKY, JOEL               Spring 2007                                       Job IRBR3029
Enrollment:  117
Questionnaires: 53                 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    4  0  0  1  0 15 33  4.63  462/1522  4.63 4.46 4.30 4.14 4.63
2. Did the instructor make clear the expected goals     4  0  0  0  0 11 38  4.78  233/1522  4.78 4.30 4.26 4.18 4.78
3. Did the exam questions reflect the expected goals    3  0  0  0  1  7 42  4.82  212/1285  4.82 4.45 4.30 4.22 4.82
4. Did other evaluations reflect the expected goals     3 23  0  0  1  9 17  4.59  387/1476  4.59 4.33 4.22 4.09 4.59
5. Did assigned readings contribute to what you learned 3  4  1  1  7 12 25  4.28  538/1412  4.28 4.02 4.06 4.01 4.28
6. Did written assignments contribute to what you learned 3 33  0  1  2  0 14  4.59  263/1381  4.59 4.25 4.08 3.93 4.59
7. Was the grading system clearly explained             3  0  0  0  3  8 39  4.72  252/1500  4.72 4.27 4.18 4.16 4.72
8. How many times was class cancelled                   4  0  0  0  0  5 44  4.90  509/1517  4.90 4.75 4.65 4.62 4.90
9. How would you grade the overall teaching effectiveness 11  1  0  0  1 13 27  4.63  288/1497  4.63 4.10 4.11 4.02 4.63

          Lecture
1. Were the instructor's lectures well prepared         5  0  0  0  0  5 43  4.90  208/1440  4.90 4.58 4.45 4.40 4.90
2. Did the instructor seem interested in the subject    3  0  0  0  1  0 49  4.96  198/1448  4.96 4.72 4.71 4.63 4.96
3. Was lecture material presented and explained clearly 3  0  0  0  1  8 41  4.80  217/1436  4.80 4.40 4.29 4.24 4.80
4. Did the lectures contribute to what you learned      3  0  0  0  0  9 41  4.82  267/1432  4.82 4.38 4.29 4.23 4.82
5. Did audiovisual techniques enhance your understanding 5  0  0  1  5  8 34  4.56  239/1221  4.56 4.04 3.93 3.86 4.56

          Discussion
1. Did class discussions contribute to what you learned 24  0  1  1  5  5 17  4.24  592/1280  4.24 3.85 4.10 3.92 4.24
2. Were all students actively encouraged to participate 25  0  0  0  2  5 21  4.68  461/1277  4.68 4.31 4.34 4.13 4.68
3. Did the instructor encourage fair and open discussion 24  0  0  0  3  3 23  4.69  445/1269  4.69 4.26 4.31 4.04 4.69
4. Were special techniques successful                   25 12  0  1  2  2 11  4.44  234/ 854  4.44 3.97 4.02 3.87 4.44

          Laboratory
1. Did the lab increase understanding of the material   50  1  0  0  0  0  2  5.00 ****/ 215  **** 4.26 4.36 4.31 ****
2. Were you provided with adequate background information 49  0  1  0  0  0  3  4.00 ****/ 228  **** 4.32 4.35 4.33 ****
3. Were necessary materials available for lab activities 50  1  0  0  0  0  2  5.00 ****/ 217  **** 4.60 4.51 4.51 ****
4. Did the lab instructor provide assistance            50  1  0  0  0  0  2  5.00 ****/ 216  **** 4.40 4.42 4.41 ****
5. Were requirements for lab reports clearly specified  50  1  0  0  0  0  2  5.00 ****/ 205  **** 4.01 4.23 4.28 ****

          Seminar
1. Were assigned topics relevant to the announced theme 49  2  0  0  0  0  2  5.00 ****/  79  **** **** 4.58 4.13 ****
2. Was the instructor available for individual attention 49  2  0  0  0  0  2  5.00 ****/  77  **** **** 4.52 4.03 ****
3. Did research projects contribute to what you learned 49  2  0  0  0  0  2  5.00 ****/  65  **** **** 4.49 3.85 ****
4. Did presentations contribute to what you learned     50  1  0  0  0  0  2  5.00 ****/  78  **** **** 4.45 3.88 ****
5. Were criteria for grading made clear                 49  2  0  0  0  0  2  5.00 ****/  80  **** **** 4.11 3.79 ****

          Field Work
1. Did field experience contribute to what you learned  51  0  0  0  0  0  2  5.00 ****/  47  **** **** 4.41 3.90 ****
2. Did you clearly understand your evaluation criteria  51  0  0  0  0  0  2  5.00 ****/  45  **** **** 4.30 3.90 ****
3. Was the instructor available for consultation        50  1  0  0  0  0  2  5.00 ****/  39  **** **** 4.40 3.99 ****
4. To what degree could you discuss your evaluations    50  1  0  0  0  0  2  5.00 ****/  35  **** **** 4.31 4.00 ****
5. Did conferences help you carry out field activities  50  1  0  0  0  0  2  5.00 ****/  34  **** **** 4.30 4.11 ****

          Self  Paced
1. Did self-paced system contribute to what you learned 51  0  0  0  0  0  2  5.00 ****/  37  **** **** 4.63 4.53 ****
2. Did study questions make clear the expected goal     51  0  0  0  0  0  2  5.00 ****/  23  **** **** 4.41 4.19 ****
3. Were your contacts with the instructor helpful       50  1  0  0  0  0  2  5.00 ****/  33  **** **** 4.69 4.57 ****
4. Was the feedback/tutoring by proctors helpful        50  1  0  0  0  0  2  5.00 ****/  22  **** **** 4.54 4.31 ****
5. Were there enough proctors for all the students      50  1  0  0  0  0  2  5.00 ****/  18  **** **** 4.49 4.11 ****
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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	9	0.00-0.99	2	A	26	Required for Majors	27	Graduate	0	Major	0
28-55	8	1.00-1.99	0	B	15						
56-83	5	2.00-2.99	2	C	3	General	9	Under-grad	53	Non-major	53
84-150	6	3.00-3.49	11	D	0						
Grad.	0	3.50-4.00	11	F	0	Electives	2	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	7				
				?	1						

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Course-Section: PHYS 105  0101           University of Maryland                              Page 1182
Title      IDEAS IN ASTRONOMY                Baltimore County                               JUN 26, 2007
Instructor:  TURNER, JANE                      Spring 2007                                  Job IRBR3029
Enrollment:    50
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   4   8  10  4.17  980/1522   4.17  4.46   4.30  4.14  4.17
2. Did the instructor make clear the expected goals      0   0   0   1   2  11   9  4.22  914/1522   4.22  4.30   4.26  4.18  4.22
3. Did the exam questions reflect the expected goals     0   0   1   0   2   7  13  4.35  698/1285   4.35  4.45   4.30  4.22  4.35
4. Did other evaluations reflect the expected goals      0   7   0   2   1   5   8  4.19  871/1476   4.19  4.33   4.22  4.09  4.19
5. Did assigned readings contribute to what you learned  1   2   0   2   1   7  10  4.25  566/1412   4.25  4.02   4.06  4.01  4.25
6. Did written assignments contribute to what you learned 0  10   0   0   2   4   7  4.38  458/1381   4.38  4.25   4.08  3.93  4.38
7. Was the grading system clearly explained              0   0   0   0   3   6  14  4.48  527/1500   4.48  4.27   4.18  4.16  4.48
8. How many times was class cancelled                    0   0   0   0   0  11  12  4.52 1062/1517   4.52  4.75   4.65  4.62  4.52
9. How would you grade the overall teaching effectiveness 4   0   0   1   6   8   4  3.79 1126/1497   3.79  4.10   4.11  4.02  3.79

          Lecture
1. Were the instructor's lectures well prepared          1   0   0   1   1   7  13  4.45  864/1440   4.45  4.58   4.45  4.40  4.45
2. Did the instructor seem interested in the subject     1   0   0   0   2   6  14  4.55 1123/1448   4.55  4.72   4.71  4.63  4.55
3. Was lecture material presented and explained clearly  2   0   1   0   4   7   9  4.10 1008/1436   4.10  4.40   4.29  4.24  4.10
4. Did the lectures contribute to what you learned       2   0   1   1   3   3  13  4.24  899/1432   4.24  4.38   4.29  4.23  4.24
5. Did audiovisual techniques enhance your understanding 1   0   2   0   1   9  10  4.14  548/1221   4.14  4.04   3.93  3.86  4.14

          Discussion
1. Did class discussions contribute to what you learned  8   0   4   1   2   5   3  3.13 1169/1280   3.13  3.85   4.10  3.92  3.13
2. Were all students actively encouraged to participate  8   0   2   5   2   1   5  3.13 1205/1277   3.13  4.31   4.34  4.13  3.13
3. Did the instructor encourage fair and open discussion 8   0   1   4   3   4   3  3.27 1172/1269   3.27  4.26   4.31  4.04  3.27
4. Were special techniques successful                    8  11   1   0   1   0   2  3.50 ****/ 854   ****  3.97   4.02  3.87  ****

          Laboratory
1. Did the lab increase understanding of the material   20   0   0   1   0   0   2  4.00 ****/ 215   ****  4.26   4.36  4.31  ****
2. Were you provided with adequate background information 20  0   0   0   1   0   2  4.33 ****/ 228   ****  4.32   4.35  4.33  ****
3. Were necessary materials available for lab activities 20   1   0   0   1   0   1  4.00 ****/ 217   ****  4.60   4.51  4.51  ****
4. Did the lab instructor provide assistance            20   1   0   0   0   1   1  4.50 ****/ 216   ****  4.40   4.42  4.41  ****
5. Were requirements for lab reports clearly specified  20   2   0   0   0   0   1  5.00 ****/ 205   ****  4.01   4.23  4.28  ****

          Seminar
1. Were assigned topics relevant to the announced theme 20   1   0   0   0   1   1  4.50 ****/  79   ****  ****   4.58  4.13  ****
2. Was the instructor available for individual attention 20  1   0   0   0   1   1  4.50 ****/  77   ****  ****   4.52  4.03  ****
3. Did research projects contribute to what you learned 20   1   0   0   1   0   1  4.00 ****/  65   ****  ****   4.49  3.85  ****
4. Did presentations contribute to what you learned     20   1   0   0   0   1   1  4.50 ****/  78   ****  ****   4.45  3.88  ****
5. Were criteria for grading made clear                 20   1   0   0   1   0   1  4.00 ****/  80   ****  ****   4.11  3.79  ****

          Field Work
1. Did field experience contribute to what you learned  20   0   1   0   0   1   1  3.33 ****/  47   ****  ****   4.41  3.90  ****
2. Did you clearly understand your evaluation criteria  20   0   0   0   0   1   2  4.67 ****/  45   ****  ****   4.30  3.90  ****
3. Was the instructor available for consultation        20   0   0   1   0   1   1  3.67 ****/  39   ****  ****   4.40  3.99  ****
4. To what degree could you discuss your evaluations    20   0   1   0   0   1   1  3.33 ****/  35   ****  ****   4.31  4.00  ****
5. Did conferences help you carry out field activities  20   1   0   0   0   1   1  4.50 ****/  34   ****  ****   4.30  4.11  ****

          Self  Paced
1. Did self-paced system contribute to what you learned 20   0   0   0   1   1   1  4.00 ****/  37   ****  ****   4.63  4.53  ****
2. Did study questions make clear the expected goal     20   0   0   0   0   2   1  4.33 ****/  23   ****  ****   4.41  4.19  ****
3. Were your contacts with the instructor helpful       20   0   0   0   0   2   1  4.33 ****/  33   ****  ****   4.69  4.57  ****
4. Was the feedback/tutoring by proctors helpful        20   0   0   0   0   2   1  4.33 ****/  22   ****  ****   4.54  4.31  ****
5. Were there enough proctors for all the students      20   0   0   0   0   2   1  4.33 ****/  18   ****  ****   4.49  4.11  ****
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Course-Section: PHYS 105  0101              University of Maryland              Page 1182
Title           IDEAS IN ASTRONOMY            Baltimore County                  JUN 26, 2007
Instructor:     TURNER, JANE                    Spring 2007                     Job IRBR3029
Enrollment:     50
Questionnaires: 23                  Student Course Evaluation Questionnaire


                                     Frequency Distribution


Credits Earned          Cum. GPA          Expected Grades          Reasons                Type                    Majors
------------------------------------------------------------------------------------------------------------------
00-27    3        0.00-0.99   0       A    9       Required for Majors  11    Graduate      0       Major       0
28-55    2        1.00-1.99   1       B   10
56-83    3        2.00-2.99   5       C    3       General               7    Under-grad   23       Non-major  23
84-150   8        3.00-3.49   1       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                 4
                                      ?    0
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Course-Section: PHYS 111  0101                    University of Maryland                                    Page 1183
Title      BASIC PHYSICS I                          Baltimore County                                       JUN 26, 2007
Instructor:   CUI, LILI                               Spring 2007                                          Job IRBR3029
Enrollment:   105
Questionnaires: 52                          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   3   0  1  2 11 14 21  4.06 1081/1522  4.06  4.46  4.30  4.14  4.06
2. Did the instructor make clear the expected goals    3   0  3  1 12 13 20  3.94 1157/1522  3.94  4.30  4.26  4.18  3.94
3. Did the exam questions reflect the expected goals   4   0  1  4  8 13 22  4.06  904/1285  4.06  4.45  4.30  4.22  4.06
4. Did other evaluations reflect the expected goals    3  11  0  3 10 12 13  3.92 1103/1476  3.92  4.33  4.22  4.09  3.92
5. Did assigned readings contribute to what you learned 3  4  4  3 11  8 19  3.78  997/1412  3.78  4.02  4.06  4.01  3.78
6. Did written assignments contribute to what you learned 3 16  4  4  5  6 14  3.67 1097/1381  3.67  4.25  4.08  3.93  3.67
7. Was the grading system clearly explained            3   0  3  1  9 14 22  4.04  966/1500  4.04  4.27  4.18  4.16  4.04
8. How many times was class cancelled                  3   0  0  0  0  3 46  4.94  341/1517  4.94  4.75  4.65  4.62  4.94
9. How would you grade the overall teaching effectiveness 16 1  1  1  9 15  9  3.86 1073/1497  3.86  4.10  4.11  4.02  3.86

                 Lecture
1. Were the instructor's lectures well prepared        4   0  2  0  2  9 35  4.56  728/1440  4.56  4.58  4.45  4.40  4.56
2. Did the instructor seem interested in the subject   3   0  0  1  2  8 38  4.69  965/1448  4.69  4.72  4.71  4.63  4.69
3. Was lecture material presented and explained clearly 3  0  3  2  8 18 18  3.94 1127/1436  3.94  4.40  4.29  4.24  3.94
4. Did the lectures contribute to what you learned     3   0  4  1  4 12 28  4.20  922/1432  4.20  4.38  4.29  4.23  4.20
5. Did audiovisual techniques enhance your understanding 5  4  1  2  7 10 23  4.21  493/1221  4.21  4.04  3.93  3.86  4.21

                 Discussion
1. Did class discussions contribute to what you learned 40 0  2  1  4  1  4  3.33 ****/1280  ****  3.85  4.10  3.92  ****
2. Were all students actively encouraged to participate 40 0  0  0  4  2  6  4.17 ****/1277  ****  4.31  4.34  4.13  ****
3. Did the instructor encourage fair and open discussion 40 0  1  0  6  1  4  3.58 ****/1269  ****  4.26  4.31  4.04  ****
4. Were special techniques successful                  40   4  0  0  3  1  4  4.13 ****/ 854  ****  3.97  4.02  3.87  ****

                 Laboratory
1. Did the lab increase understanding of the material  40   0  1  1  2  5  3  3.67 ****/ 215  ****  4.26  4.36  4.31  ****
2. Were you provided with adequate background information 40 0  1  1  2  4  4  3.75 ****/ 228  ****  4.32  4.35  4.33  ****
3. Were necessary materials available for lab activities 40 0  1  0  2  4  5  4.00 ****/ 217  ****  4.60  4.51  4.51  ****
4. Did the lab instructor provide assistance           40   0  2  0  0  4  6  4.00 ****/ 216  ****  4.40  4.42  4.41  ****
5. Were requirements for lab reports clearly specified 40   0  2  0  0  3  7  4.08 ****/ 205  ****  4.01  4.23  4.28  ****

                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
-----------------------------------------------------------------------------------------------------------------
 00-27      5        0.00-0.99   0      A   13      Required for Majors  6    Graduate     0      Major      0
 28-55      5        1.00-1.99   1      B   21
 56-83      7        2.00-2.99   3      C    7      General              1    Under-grad  52      Non-major  52
 84-150     6        3.00-3.49   9      D    0
 Grad.      0        3.50-4.00   9      F    0      Electives            2    #### - Means there are not enough
                                        P    0                               responses to be significant
                                        I    0      Other               31
                                        ?    0
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Course-Section: PHYS 112  0101            University of Maryland                                Page 1184
Title       BASIC PHYSICS II              Baltimore County                                      JUN 26, 2007
Instructor:  CUI, LILI                    Spring 2007                                            Job IRBR3029
Enrollment:  191
Questionnaires: 103                       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    5   0   2   4  16  30  46  4.16   991/1522  4.16  4.46  4.30  4.14  4.16
2. Did the instructor make clear the expected goals     5   0   1   6  12  33  46  4.19   935/1522  4.19  4.30  4.26  4.18  4.19
3. Did the exam questions reflect the expected goals    5   0   1   6  18  41  32  3.99   955/1285  3.99  4.45  4.30  4.22  3.99
4. Did other evaluations reflect the expected goals     5  29   3   2  17  27  20  3.86  1150/1476  3.86  4.33  4.22  4.09  3.86
5. Did assigned readings contribute to what you learned 5   7   8   5  20  34  24  3.67  1071/1412  3.67  4.02  4.06  4.01  3.67
6. Did written assignments contribute to what you learned 5 34  2   5  11  24  22  3.92   911/1381  3.92  4.25  4.24  3.93  3.92
7. Was the grading system clearly explained             6   1   1   3   8  16  68  4.53   454/1500  4.53  4.27  4.18  4.16  4.53
8. How many times was class cancelled                   5   1   0   0   0  37  60  4.62   983/1517  4.62  4.75  4.65  4.62  4.62
9. How would you grade the overall teaching effectiveness 16 1  2   6  13  45  20  3.87  1057/1497  3.87  4.10  4.11  4.02  3.87

            Lecture
1. Were the instructor's lectures well prepared         5   0   1   0   3  19  75  4.70   552/1440  4.70  4.58  4.45  4.40  4.70
2. Did the instructor seem interested in the subject    5   0   1   0   4  23  70  4.64  1024/1448  4.64  4.72  4.71  4.63  4.64
3. Was lecture material presented and explained clearly 5   0   4   4  17  34  39  4.02  1045/1436  4.02  4.40  4.29  4.24  4.02
4. Did the lectures contribute to what you learned      5   1   4   6   6  27  54  4.25   892/1432  4.25  4.38  4.29  4.23  4.25
5. Did audiovisual techniques enhance your understanding 5  0   4   4   9  22  59  4.31   430/1221  4.31  4.04  3.93  3.86  4.31

            Discussion
1. Did class discussions contribute to what you learned 69  0   2   1  12   7  12  3.76   900/1280  3.76  3.85  4.10  3.92  3.76
2. Were all students actively encouraged to participate 69  0   0   2   6  16  10  4.00   930/1277  4.00  4.31  4.34  4.13  4.00
3. Did the instructor encourage fair and open discussion 70 0   1   4   4  12  12  3.91   960/1269  3.91  4.26  4.31  4.04  3.91
4. Were special techniques successful                   70 13   2   3   2   6   7  3.65  ****/ 854  ****  3.97  4.02  3.87  ****

            Laboratory
1. Did the lab increase understanding of the material   67  0   4   5  11  11   5  3.22   211/ 215  3.22  4.26  4.36  4.31  3.22
2. Were you provided with adequate background information 67 0  2   4   9  10  11  3.67   209/ 228  3.67  4.32  4.35  4.33  3.67
3. Were necessary materials available for lab activities 67 1   3   4   7   8  13  3.69   208/ 217  3.69  4.60  4.51  4.51  3.69
4. Did the lab instructor provide assistance            67  1   3   5   4   9  14  3.74   186/ 216  3.74  4.40  4.42  4.41  3.74
5. Were requirements for lab reports clearly specified  67  0   3   3  10  15   5  3.44   188/ 205  3.44  4.01  4.23  4.28  3.44

            Self  Paced
1. Did self-paced system contribute to what you learned 102 0   0   0   0   1   0  4.00  ****/  37  ****  ****  4.63  4.53  ****
2. Did study questions make clear the expected goal     101 1   0   0   0   0   1  5.00  ****/  23  ****  ****  4.41  4.19  ****
3. Were your contacts with the instructor helpful       101 1   0   0   0   0   1  5.00  ****/  33  ****  ****  4.69  4.57  ****
4. Was the feedback/tutoring by proctors helpful        101 1   0   0   0   1   0  4.00  ****/  22  ****  ****  4.54  4.31  ****
5. Were there enough proctors for all the students      101 1   0   0   0   1   0  4.00  ****/  18  ****  ****  4.49  4.11  ****

                                    Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades        Reasons              Type                Majors
----------------------------------------------------------------------------------------------------------------
 00-27      2        0.00-0.99    0     A   52        Required for Majors   4    Graduate      0       Major        0
 28-55      0        1.00-1.99    0     B   33
 56-83     22        2.00-2.99    4     C    4        General               1    Under-grad  103       Non-major  103
 84-150    27        3.00-3.49   21     D    0
 Grad.      0        3.50-4.00   28     F    0        Electives             0    #### - Means there are not enough
                                        P    0                                   responses to be significant
                                        I    0        Other                85
                                        ?    3
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Course-Section: PHYS 121  0101            University of Maryland                              Page 1185
Title          INTRODUCTORY PHYSICS I     Baltimore County                                    JUN 26, 2007
Instructor:    ANDERSON, ERIC  (Instr. A)  Spring 2007                                        Job IRBR3029
Enrollment:    275
Questionnaires: 92                         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  1  1 12 32 45  4.31  849/1522  4.31  4.46  4.30  4.14  4.31
2. Did the instructor make clear the expected goals     1   0  0  2  7 26 56  4.49  560/1522  4.49  4.30  4.26  4.18  4.49
3. Did the exam questions reflect the expected goals    3   0  0  4  3 23 59  4.54  499/1285  4.54  4.45  4.30  4.22  4.54
4. Did other evaluations reflect the expected goals     2  38  1  3 11 15 22  4.04  993/1476  4.04  4.33  4.22  4.09  4.04
5. Did assigned readings contribute to what you learned 2  10  3  4 15 27 31  3.99  786/1412  3.99  4.02  4.06  4.01  3.99
6. Did written assignments contribute to what you learned 4 45 3 3  8 11 18  3.88  953/1381  3.88  4.25  4.08  3.93  3.88
7. Was the grading system clearly explained             4   0  0  1  9 28 50  4.44  571/1500  4.44  4.27  4.18  4.16  4.44
8. How many times was class cancelled                   3   2  0  0  0 12 75  4.86  577/1517  4.86  4.75  4.65  4.62  4.86
9. How would you grade the overall teaching effectiveness 11 0 0  0  8 31 42  4.42  493/1497  3.75  4.10  4.11  4.02  3.75

            Lecture
1. Were the instructor's lectures well prepared         3   0  0  0  0 14 75  4.84  288/1440  3.83  4.58  4.45  4.40  3.83
2. Did the instructor seem interested in the subject    2   0  0  0  2 13 75  4.81  737/1448  4.24  4.72  4.71  4.63  4.24
3. Was lecture material presented and explained clearly 2   0  0  0  5 28 57  4.58  514/1436  4.33  4.40  4.29  4.24  4.33
4. Did the lectures contribute to what you learned      3   1  1  1  5 19 62  4.59  537/1432  4.11  4.38  4.29  4.23  4.11
5. Did audiovisual techniques enhance your understanding 5  5  1  5  9 26 41  4.23  474/1221  4.23  4.04  3.93  3.86  4.23

            Discussion
1. Did class discussions contribute to what you learned 7   0 19  4 19 19 24  3.29 1120/1280  3.29  3.85  4.10  3.92  3.29
2. Were all students actively encouraged to participate 7   0 15  6 12 21 31  3.55 1124/1277  3.55  4.31  4.34  4.13  3.55
3. Did the instructor encourage fair and open discussion 7  0 18  6 17 17 27  3.34 1154/1269  3.34  4.26  4.31  4.04  3.34
4. Were special techniques successful                   7  39  3  2 12 14 15  3.78  576/ 854  3.78  3.97  4.02  3.87  3.78

            Laboratory
1. Did the lab increase understanding of the material   91  0  0  0  0  0  1  5.00 ****/ 215  ****  4.26  4.36  4.31  ****
2. Were you provided with adequate background information 91 0 0  0  0  0  1  5.00 ****/ 228  ****  4.32  4.35  4.33  ****
3. Were necessary materials available for lab activities 91 0 0  0  0  0  1  5.00 ****/ 217  ****  4.60  4.51  4.51  ****
4. Did the lab instructor provide assistance            91  0  0  0  0  0  1  5.00 ****/ 216  ****  4.40  4.42  4.41  ****
5. Were requirements for lab reports clearly specified  91  0  0  0  0  0  1  5.00 ****/ 205  ****  4.01  4.23  4.28  ****

            Seminar
1. Were assigned topics relevant to the announced theme 91  0  0  0  0  0  1  5.00 ****/  79  ****  ****  4.58  4.13  ****
2. Was the instructor available for individual attention 90 0 0  0  0  0  2  5.00 ****/  77  ****  ****  4.52  4.03  ****
3. Did research projects contribute to what you learned 91  0  0  0  0  0  1  5.00 ****/  65  ****  ****  4.49  3.85  ****
4. Did presentations contribute to what you learned     91  0  0  0  0  0  1  5.00 ****/  78  ****  ****  4.45  3.88  ****
5. Were criteria for grading made clear                 91  0  0  0  0  0  1  5.00 ****/  80  ****  ****  4.11  3.79  ****

            Field Work
1. Did field experience contribute to what you learned  91  0  0  0  0  0  1  5.00 ****/  47  ****  ****  4.41  3.90  ****
2. Did you clearly understand your evaluation criteria  91  0  0  0  0  0  1  5.00 ****/  45  ****  ****  4.30  3.90  ****
3. Was the instructor available for consultation        91  0  0  0  0  0  1  5.00 ****/  39  ****  ****  4.40  3.99  ****
4. To what degree could you discuss your evaluations    91  0  0  0  0  0  1  5.00 ****/  35  ****  ****  4.31  4.00  ****
5. Did conferences help you carry out field activities  91  0  0  0  0  0  1  5.00 ****/  34  ****  ****  4.30  4.11  ****

            Self  Paced
1. Did self-paced system contribute to what you learned 91  0  0  0  0  0  1  5.00 ****/  37  ****  ****  4.63  4.53  ****
2. Did study questions make clear the expected goal     91  0  0  0  0  0  1  5.00 ****/  23  ****  ****  4.41  4.19  ****
3. Were your contacts with the instructor helpful       91  0  0  0  0  0  1  5.00 ****/  33  ****  ****  4.69  4.57  ****
4. Was the feedback/tutoring by proctors helpful        91  0  0  0  0  0  1  5.00 ****/  22  ****  ****  4.54  4.31  ****
5. Were there enough proctors for all the students      91  0  0  0  0  0  1  5.00 ****/  18  ****  ****  4.49  4.11  ****
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Course-Section: PHYS 121  0101                    University of Maryland                         Page 1185
Title         INTRODUCTORY PHYSICS I                Baltimore County                           JUN 26, 2007
Instructor:   ANDERSON, ERIC  (Instr. A)             Spring 2007                               Job IRBR3029
Enrollment:   275
Questionnaires: 92                       Student Course Evaluation Questionnaire
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                                         Frequency Distribution


Credits Earned          Cum. GPA          Expected Grades            Reasons                    Type                     Majors
--------------------------------------------------------------------------------------------------------------------------------
00-27    25        0.00-0.99    1       A   26        Required for Majors   3      Graduate       0        Major         3
28-55    19        1.00-1.99    0       B   29
56-83     9        2.00-2.99    5       C   17        General               0      Under-grad    92        Non-major    89
84-150    2        3.00-3.49   12       D    0
Grad.     0        3.50-4.00   34       F    0        Electives             0      #### - Means there are not enough
                                        P    0                                    responses to be significant
                                        I    0        Other                71
                                        ?    6
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Course-Section: PHYS 121  0101          University of Maryland                          Page 1186
Title      INTRODUCTORY PHYSICS I       Baltimore County                               JUN 26, 2007
Instructor:   SHUKLA, SHANTAN (Instr. B)    Spring 2007                                 Job IRBR3029
Enrollment:   275
Questionnaires: 92                      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  1  1 12 32 45 4.31  849/1522  4.31  4.46  4.30  4.14  4.31
2. Did the instructor make clear the expected goals     1   0  0  2  7 26 56 4.49  560/1522  4.49  4.30  4.26  4.18  4.49
3. Did the exam questions reflect the expected goals    3   0  0  4  3 23 59 4.54  499/1285  4.54  4.45  4.30  4.22  4.54
4. Did other evaluations reflect the expected goals     2  38  1  3 11 15 22 4.04  993/1476  4.04  4.33  4.22  4.09  4.04
5. Did assigned readings contribute to what you learned 2  10  3  4 15 27 31 3.99  786/1412  3.99  4.02  4.06  4.01  3.99
6. Did written assignments contribute to what you learned 4 45  3  3  8 11 18 3.88  953/1381  3.88  4.25  4.08  3.93  3.88
7. Was the grading system clearly explained             4   0  0  1  9 28 50 4.44  571/1500  4.44  4.27  4.18  4.16  4.44
8. How many times was class cancelled                   3   2  0  0  0 12 75 4.86  577/1517  4.86  4.75  4.65  4.62  4.86
9. How would you grade the overall teaching effectiveness 40 15 11  4 11  9  2 2.65 1470/1497  3.75  4.10  4.11  4.02  3.75


            Lecture
1. Were the instructor's lectures well prepared         68   0  8  6  2  1  7 2.71 1424/1440  3.83  4.58  4.45  4.40  3.83
2. Did the instructor seem interested in the subject    69   0  4  5  2  3  9 3.35 1433/1448  4.24  4.72  4.71  4.63  4.24
3. Was lecture material presented and explained clearly 71   0  5  7  3  1  5 2.71 ****/1436  4.33  4.40  4.29  4.24  4.33
4. Did the lectures contribute to what you learned      70   2 10  1  1  3  5 2.60 ****/1432  4.11  4.38  4.29  4.23  4.11
5. Did audiovisual techniques enhance your understanding 72 17  2  1  0  0  0 1.33 ****/1221  4.23  4.04  3.93  3.86  4.23


            Discussion
1. Did class discussions contribute to what you learned  7   0 19  4 19 19 24 3.29 1120/1280  3.29  3.85  4.10  3.92  3.29
2. Were all students actively encouraged to participate  7   0 15  6 12 21 31 3.55 1124/1277  3.55  4.31  4.34  4.13  3.55
3. Did the instructor encourage fair and open discussion 7   0 18  6 17 17 27 3.34 1154/1269  3.34  4.26  4.31  4.04  3.34
4. Were special techniques successful                    7  39  3  2 12 14 15 3.78  576/ 854  3.78  3.97  4.02  3.87  3.78


            Laboratory
1. Did the lab increase understanding of the material   91   0  0  0  0  0  1 5.00 ****/ 215  ****  4.26  4.36  4.31  ****
2. Were you provided with adequate background information 91  0  0  0  0  0  1 5.00 ****/ 228  ****  4.32  4.35  4.33  ****
3. Were necessary materials available for lab activities 91  0  0  0  0  0  1 5.00 ****/ 217  ****  4.60  4.51  4.51  ****
4. Did the lab instructor provide assistance            91   0  0  0  0  0  1 5.00 ****/ 216  ****  4.40  4.42  4.41  ****
5. Were requirements for lab reports clearly specified  91   0  0  0  0  0  1 5.00 ****/ 205  ****  4.01  4.23  4.28  ****


            Seminar
1. Were assigned topics relevant to the announced theme 91   0  0  0  0  0  1 5.00 ****/  79  ****  ****  4.58  4.13  ****
2. Was the instructor available for individual attention 90  0  0  0  0  0  2 5.00 ****/  77  ****  ****  4.52  4.03  ****
3. Did research projects contribute to what you learned 91   0  0  0  0  0  1 5.00 ****/  65  ****  ****  4.49  3.85  ****
4. Did presentations contribute to what you learned     91   0  0  0  0  0  1 5.00 ****/  78  ****  ****  4.45  3.88  ****
5. Were criteria for grading made clear                 91   0  0  0  0  0  1 5.00 ****/  80  ****  ****  4.11  3.79  ****


            Field Work
1. Did field experience contribute to what you learned  91   0  0  0  0  0  1 5.00 ****/  47  ****  ****  4.41  3.90  ****
2. Did you clearly understand your evaluation criteria  91   0  0  0  0  0  1 5.00 ****/  45  ****  ****  4.30  3.90  ****
3. Was the instructor available for consultation        91   0  0  0  0  0  1 5.00 ****/  39  ****  ****  4.40  3.99  ****
4. To what degree could you discuss your evaluations    91   0  0  0  0  0  1 5.00 ****/  35  ****  ****  4.31  4.00  ****
5. Did conferences help you carry out field activities  91   0  0  0  0  0  1 5.00 ****/  34  ****  ****  4.30  4.11  ****


            Self  Paced
1. Did self-paced system contribute to what you learned 91   0  0  0  0  0  1 5.00 ****/  37  ****  ****  4.63  4.53  ****
2. Did study questions make clear the expected goal     91   0  0  0  0  0  1 5.00 ****/  23  ****  ****  4.41  4.19  ****
3. Were your contacts with the instructor helpful       91   0  0  0  0  0  1 5.00 ****/  33  ****  ****  4.69  4.57  ****
4. Was the feedback/tutoring by proctors helpful        91   0  0  0  0  0  1 5.00 ****/  22  ****  ****  4.54  4.31  ****
5. Were there enough proctors for all the students      91   0  0  0  0  0  1 5.00 ****/  18  ****  ****  4.49  4.11  ****
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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	25	0.00-0.99	1	A	26	Required for Majors	3	Graduate	0	Major	3
28-55	19	1.00-1.99	0	B	29						
56-83	9	2.00-2.99	5	C	17	General	0	Under-grad	92	Non-major	89
84-150	2	3.00-3.49	12	D	0						
Grad.	0	3.50-4.00	34	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	71				
				?	6						

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Course-Section: PHYS 121  0101              University of Maryland                              Page 1187
Title        INTRODUCTORY PHYSICS I         Baltimore County                                    JUN 26, 2007
Instructor:  BUCZKOWSKI, STE (Instr. C)     Spring 2007                                         Job IRBR3029
Enrollment:  275
Questionnaires: 92                          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  1  1 12 32 45 4.31  849/1522  4.31  4.46  4.30 4.14  4.31
2. Did the instructor make clear the expected goals     1   0  0  2  7 26 56 4.49  560/1522  4.49  4.30  4.26 4.18  4.49
3. Did the exam questions reflect the expected goals    3   0  0  4  3 23 59 4.54  499/1285  4.54  4.45  4.30 4.22  4.54
4. Did other evaluations reflect the expected goals     2  38  1  3 11 15 22 4.04  993/1476  4.04  4.33  4.22 4.09  4.04
5. Did assigned readings contribute to what you learned 2  10  3  4 15 27 31 3.99  786/1412  3.99  4.02  4.06 4.01  3.99
6. Did written assignments contribute to what you learned 4 45 3 3  8 11 18 3.88  953/1381  3.88  4.25  4.08 3.93  3.88
7. Was the grading system clearly explained             4   0  0  1  9 28 50 4.44  571/1500  4.44  4.27  4.18 4.16  4.44
8. How many times was class cancelled                   3   2  0  0  0 12 75 4.86  577/1517  4.86  4.75  4.65 4.62  4.86
9. How would you grade the overall teaching effectiveness 43 7 0 0  4 26 12 4.19  718/1497  3.75  4.10  4.11 4.02  3.75


          Lecture
1. Were the instructor's lectures well prepared        65   0  0  1  8 10  8 3.93 1238/1440  3.83  4.58  4.45 4.40  3.83
2. Did the instructor seem interested in the subject   64   0  0  2  1  4 21 4.57 1097/1448  4.24  4.72  4.71 4.63  4.24
3. Was lecture material presented and explained clearly 65  0  0  1  5 12  9 4.07 1018/1436  4.33  4.40  4.29 4.24  4.33
4. Did the lectures contribute to what you learned     65   0  3  1  6 10  7 3.63 1236/1432  4.11  4.38  4.29 4.23  4.11
5. Did audiovisual techniques enhance your understanding 65 21 1 3  2  0  0 2.17 ****/1221  4.23  4.04  3.93 3.86  4.23


          Discussion
1. Did class discussions contribute to what you learned 7  0 19  4 19 19 24 3.29 1120/1280  3.29  3.85  4.10 3.92  3.29
2. Were all students actively encouraged to participate 7  0 15  6 12 21 31 3.55 1124/1277  3.55  4.31  4.34 4.13  3.55
3. Did the instructor encourage fair and open discussion 7 0 18 6 17 17 27 3.34 1154/1269  3.34  4.26  4.31 4.04  3.34
4. Were special techniques successful                   7  39  3  2 12 14 15 3.78  576/ 854  3.78  3.97  4.02 3.87  3.78


          Laboratory
1. Did the lab increase understanding of the material  91   0  0  0  0  0  1 5.00 ****/ 215  ****  4.26  4.36 4.31  ****
2. Were you provided with adequate background information 91 0 0 0  0  0  1 5.00 ****/ 228  ****  4.32  4.35 4.33  ****
3. Were necessary materials available for lab activities 91 0 0 0  0  0  1 5.00 ****/ 217  ****  4.60  4.51 4.51  ****
4. Did the lab instructor provide assistance           91   0  0  0  0  0  1 5.00 ****/ 216  ****  4.40  4.42 4.41  ****
5. Were requirements for lab reports clearly specified 91   0  0  0  0  0  1 5.00 ****/ 205  ****  4.01  4.23 4.28  ****


          Seminar
1. Were assigned topics relevant to the announced theme 91 0 0 0  0  0  1 5.00 ****/  79  ****  ****  4.58 4.13  ****
2. Was the instructor available for individual attention 90 0 0 0  0  0  2 5.00 ****/  77  ****  ****  4.52 4.03  ****
3. Did research projects contribute to what you learned 91 0 0 0  0  0  1 5.00 ****/  65  ****  ****  4.49 3.85  ****
4. Did presentations contribute to what you learned    91   0  0  0  0  0  1 5.00 ****/  78  ****  ****  4.45 3.88  ****
5. Were criteria for grading made clear                91   0  0  0  0  0  1 5.00 ****/  80  ****  ****  4.11 3.79  ****


          Field Work
1. Did field experience contribute to what you learned 91  0  0  0  0  0  1 5.00 ****/  47  ****  ****  4.41 3.90  ****
2. Did you clearly understand your evaluation criteria 91   0  0  0  0  0  1 5.00 ****/  45  ****  ****  4.30 3.90  ****
3. Was the instructor available for consultation       91   0  0  0  0  0  1 5.00 ****/  39  ****  ****  4.40 3.99  ****
4. To what degree could you discuss your evaluations   91   0  0  0  0  0  1 5.00 ****/  35  ****  ****  4.31 4.00  ****
5. Did conferences help you carry out field activities 91   0  0  0  0  0  1 5.00 ****/  34  ****  ****  4.30 4.11  ****


          Self  Paced
1. Did self-paced system contribute to what you learned 91 0 0 0  0  0  1 5.00 ****/  37  ****  ****  4.63 4.53  ****
2. Did study questions make clear the expected goal    91   0  0  0  0  0  1 5.00 ****/  23  ****  ****  4.41 4.19  ****
3. Were your contacts with the instructor helpful      91   0  0  0  0  0  1 5.00 ****/  33  ****  ****  4.69 4.57  ****
4. Was the feedback/tutoring by proctors helpful       91   0  0  0  0  0  1 5.00 ****/  22  ****  ****  4.54 4.31  ****
5. Were there enough proctors for all the students     91   0  0  0  0  0  1 5.00 ****/  18  ****  ****  4.49 4.11  ****
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                                          Frequency Distribution


Credits Earned          Cum. GPA          Expected Grades              Reasons                     Type                      Majors
---------------------------------------------------------------------------------------------------------------------------------
 00-27    25        0.00-0.99    1        A   26        Required for Majors   3     Graduate      0        Major        3
 28-55    19        1.00-1.99    0        B   29
 56-83     9        2.00-2.99    5        C   17        General               0     Under-grad   92        Non-major   89
 84-150    2        3.00-3.49   12        D    0
 Grad.     0        3.50-4.00   34        F    0        Electives             0     #### - Means there are not enough
                                          P    0                                    responses to be significant
                                          I    0        Other                71
                                          ?    6
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Course-Section: PHYS 122  0101            University of Maryland                        Page 1188
Title       INTRODUCTORY PHYSICS I         Baltimore County                         JUN 26, 2007
Instructor: ANDERSON, ERIC  (Instr. A)     Spring 2007                             Job IRBR3029
Enrollment:    161
Questionnaires: 87                  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  5  8 27 44  4.23  919/1522  4.23 4.46  4.30 4.14  4.23
2. Did the instructor make clear the expected goals   1   0  2  5  8 27 44  4.23  894/1522  4.23 4.30  4.26 4.18  4.23
3. Did the exam questions reflect the expected goals  1   0  2  4 14 23 43  4.17  825/1285  4.17 4.45  4.30 4.22  4.17
4. Did other evaluations reflect the expected goals   3  32  2  3  8 18 21  4.02 1003/1476  4.02 4.33  4.22 4.09  4.02
5. Did assigned readings contribute to what you learned 2  4  7  6 22 19 27  3.65 1083/1412  3.65 4.02  4.06 4.01  3.65
6. Did written assignments contribute to what you learned 3 40  0  0 18 13 13  3.89  953/1381  3.89 4.25  4.08 3.93  3.89
7. Was the grading system clearly explained           2   0  0  1 14 17 53  4.44  585/1500  4.44 4.27  4.18 4.16  4.44
8. How many times was class cancelled                 4   2  0  0  0  3 78  4.96  195/1517  4.96 4.75  4.65 4.62  4.96
9. How would you grade the overall teaching effectiveness 10 0  2  3 14 29 29  4.04  878/1497  3.91 4.10  4.11 4.02  3.91


            Lecture
1. Were the instructor's lectures well prepared       2   0  0  0  3 18 64  4.72  532/1440  4.72 4.58  4.45 4.40  4.72
2. Did the instructor seem interested in the subject  2   0  0  3  4 12 66  4.66 1013/1448  4.28 4.72  4.71 4.63  4.28
3. Was lecture material presented and explained clearly 4 0  1  3 11 26 42  4.27  865/1436  4.27 4.40  4.29 4.24  4.27
4. Did the lectures contribute to what you learned    2   0  3  4  9 17 52  4.31  847/1432  4.31 4.38  4.29 4.23  4.31
5. Did audiovisual techniques enhance your understanding 3 6  5  5 12 21 35  3.97  632/1221  3.97 4.04  3.93 3.86  3.97


            Discussion
1. Did class discussions contribute to what you learned 14 0  6  5 13 25 24  3.77  900/1280  3.77 3.85  4.10 3.92  3.77
2. Were all students actively encouraged to participate 14 0  5  3 13 16 36  4.03  924/1277  4.03 4.31  4.34 4.13  4.03
3. Did the instructor encourage fair and open discussion 15 0  6  2 11 24 29  3.94  926/1269  3.94 4.26  4.31 4.04  3.94
4. Were special techniques successful                 15  18  2  3 13 16 20  3.91  525/ 854  3.91 3.97  4.02 3.87  3.91


            Laboratory
1. Did the lab increase understanding of the material 85  0  0  0  0  0  2  5.00 ****/ 215  **** 4.26  4.36 4.31  ****
2. Were you provided with adequate background information 85 0 0 0 0 1 1  4.50 ****/ 228  **** 4.32  4.35 4.33  ****
3. Were necessary materials available for lab activities 85 0 0 0 0 0 2  5.00 ****/ 217  **** 4.60  4.51 4.51  ****
4. Did the lab instructor provide assistance          85  0  0  0  0  0  2  5.00 ****/ 216  **** 4.40  4.42 4.41  ****
5. Were requirements for lab reports clearly specified 85 0 0 0 0 0 2  5.00 ****/ 205  **** 4.01  4.23 4.28  ****

                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades         Reasons              Type               Majors
-------------------------------------------------------------------------------------------------------------
  00-27     8        0.00-0.99   0      A   16       Required for Majors  4    Graduate      0      Major        3
  28-55    10        1.00-1.99   0      B   34
  56-83    17        2.00-2.99   8      C   23       General          2    Under-grad   87      Non-major   84
  84-150   12        3.00-3.49  10      D    1
  Grad.     0        3.50-4.00  29      F    0       Electives        1    #### - Means there are not enough
                                        P    2                            responses to be significant
                                        I    0       Other           71
                                        ?    2
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Course-Section: PHYS 122  0101            University of Maryland                                    Page 1189
Title       INTRODUCTORY PHYSICS I         Baltimore County                                   JUN 26, 2007
Instructor:  BOLE, TIMOTHY W (Instr. B)    Spring 2007                                        Job IRBR3029
Enrollment:  161
Questionnaires: 87                        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  5  8 27 44  4.23  919/1522  4.23  4.46  4.30  4.14  4.23
2. Did the instructor make clear the expected goals     1   0  2  5  8 27 44  4.23  894/1522  4.23  4.30  4.26  4.18  4.23
3. Did the exam questions reflect the expected goals    1   0  2  4 14 23 43  4.17  825/1285  4.17  4.45  4.30  4.22  4.17
4. Did other evaluations reflect the expected goals     3  32  2  3  8 18 21  4.02 1003/1476  4.02  4.33  4.22  4.09  4.02
5. Did assigned readings contribute to what you learned 2   4  7  6 22 19 27  3.65 1083/1412  3.65  4.02  4.06  4.01  3.65
6. Did written assignments contribute to what you learned 3 40  0  0 18 13 13  3.89  953/1381  3.89  4.25  4.08  3.93  3.89
7. Was the grading system clearly explained             2   0  0  1 14 17 53  4.44  585/1500  4.44  4.27  4.18  4.16  4.44
8. How many times was class cancelled                   4   2  0  0  0  3 78  4.96  195/1517  4.96  4.75  4.65  4.62  4.96
9. How would you grade the overall teaching effectiveness 52 8 2  1  4 14  6  3.78 1133/1497  3.91  4.10  4.11  4.02  3.91

            Lecture
1. Were the instructor's lectures well prepared        67   0  3  1  3  4  9  3.75 ****/1440  4.72  4.58  4.45  4.40  4.72
2. Did the instructor seem interested in the subject   65   0  3  1  2  5 11  3.91 1385/1448  4.28  4.72  4.71  4.63  4.28
3. Was lecture material presented and explained clearly 67  0  4  1  3  5  7  3.50 ****/1436  4.27  4.40  4.29  4.24  4.27
4. Did the lectures contribute to what you learned     67   0  3  1  4  3  9  3.70 ****/1432  4.31  4.38  4.29  4.23  4.31
5. Did audiovisual techniques enhance your understanding 68 12 3  0  1  0  3  3.00 ****/1221  3.97  4.04  3.93  3.86  3.97

            Discussion
1. Did class discussions contribute to what you learned 14  0  6  5 13 25 24  3.77  900/1280  3.77  3.85  4.10  3.92  3.77
2. Were all students actively encouraged to participate 14  0  5  3 13 16 36  4.03  924/1277  4.03  4.31  4.34  4.13  4.03
3. Did the instructor encourage fair and open discussion 15 0  6  2 11 24 29  3.94  926/1269  3.94  4.26  4.31  4.04  3.94
4. Were special techniques successful                  15  18  2  3 13 16 20  3.91  525/ 854  3.91  3.97  4.02  3.87  3.91

            Laboratory
1. Did the lab increase understanding of the material  85   0  0  0  0  0  2  5.00 ****/ 215  ****  4.26  4.36  4.31  ****
2. Were you provided with adequate background information 85 0 0  0  0  1  1  4.50 ****/ 228  ****  4.32  4.35  4.33  ****
3. Were necessary materials available for lab activities 85 0  0  0  0  0  2  5.00 ****/ 217  ****  4.60  4.51  4.51  ****
4. Did the lab instructor provide assistance           85   0  0  0  0  0  2  5.00 ****/ 216  ****  4.40  4.42  4.41  ****
5. Were requirements for lab reports clearly specified  85  0  0  0  0  0  2  5.00 ****/ 205  ****  4.01  4.23  4.28  ****

                                 Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type                Majors
------------------------------------------------------------------------------------------------------------
 00-27     8      0.00-0.99    0     A  16    Required for Majors  4    Graduate      0     Major       3
 28-55    10      1.00-1.99    0     B  34
 56-83    17      2.00-2.99    8     C  23    General              2    Under-grad   87     Non-major  84
 84-150   12      3.00-3.49   10     D   1
 Grad.     0      3.50-4.00   29     F   0    Electives            1    #### - Means there are not enough
                                     P   2                              responses to be significant
                                     I   0    Other               71
                                     ?   2
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Course-Section: PHYS 122H 0101                    University of Maryland                                    Page 1190
Title                                               Baltimore County                                       JUN 26, 2007
Instructor:    WORCHESKY, TER                         Spring 2007                                          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  0  0  0  1  0  1   9  4.64  462/1522  4.64  4.46  4.30  4.14  4.64
2. Did the instructor make clear the expected goals   0  0  0  0  1  2   8  4.64  395/1522  4.64  4.30  4.26  4.18  4.64
3. Did the exam questions reflect the expected goals  0  8  0  0  0  1   2  4.67  366/1285  4.67  4.45  4.30  4.22  4.67
4. Did other evaluations reflect the expected goals   0  2  0  0  1  3   5  4.44  566/1476  4.44  4.33  4.22  4.09  4.44
5. Did assigned readings contribute to what you learned  0  5  0  0  0  1   5  4.83  126/1412  4.83  4.02  4.06  4.01  4.83
6. Did written assignments contribute to what you learned  0  3  1  0  0  1   6  4.38  470/1381  4.38  4.25  4.08  3.93  4.38
7. Was the grading system clearly explained           0  0  0  1  0  3   7  4.45  556/1500  4.45  4.27  4.18  4.16  4.45
8. How many times was class cancelled                 0  0  0  0  0  0  11  5.00    1/1517  5.00  4.75  4.65  4.62  5.00
9. How would you grade the overall teaching effectiveness  1  0  0  0  1  0   9  4.80  147/1497  4.80  4.10  4.11  4.02  4.80

              Lecture
1. Were the instructor's lectures well prepared       7  0  0  0  0  0   4  5.00    1/1440  5.00  4.58  4.45  4.40  5.00
2. Did the instructor seem interested in the subject  7  0  0  0  0  0   4  5.00    1/1448  5.00  4.72  4.71  4.63  5.00
3. Was lecture material presented and explained clearly  7  0  0  0  0  0   4  5.00    1/1436  5.00  4.40  4.29  4.24  5.00
4. Did the lectures contribute to what you learned    7  0  0  0  1  1   2  4.25  884/1432  4.25  4.38  4.29  4.23  4.25
5. Did audiovisual techniques enhance your understanding  7  2  1  0  0  0   1  3.00  ****/1221  ****  4.04  3.93  3.86  ****

              Discussion
1. Did class discussions contribute to what you learned  0  0  0  0  0  3   8  4.73  245/1280  4.73  3.85  4.10  3.92  4.73
2. Were all students actively encouraged to participate  0  0  0  0  0  6   5  4.45  643/1277  4.45  4.31  4.34  4.13  4.45
3. Did the instructor encourage fair and open discussion  0  0  0  0  0  3   8  4.73  410/1269  4.73  4.26  4.31  4.04  4.73
4. Were special techniques successful                 0  8  0  0  0  0   3  5.00    1/ 854  5.00  3.97  4.02  3.87  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    8       Required for Majors  0     Graduate     0        Major        3
28-55     1       1.00-1.99   0          B    2
56-83     4       2.00-2.99   0          C    1       General              1     Under-grad  11        Non-major    8
84-150    1       3.00-3.49   1          D    0
Grad.     0       3.50-4.00   8          F    0       Electives            1     #### - Means there are not enough
                                         P    0                                 responses to be significant
                                         I    0       Other                8
                                         ?    0
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Course-Section: PHYS 122L 0101             University of Maryland                                    Page 1191
Title       INTRODUCTORY PHYSICS L         Baltimore County                                         JUN 26, 2007
Instructor:  GOUGOUSI, THEOD                   Spring 2007                                          Job IRBR3029
Enrollment:      15
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  3  1  7   4.36   779/1522   4.13  4.46  4.30  4.14  4.36
2. Did the instructor make clear the expected goals    0   0  0  1  3  4  3   3.82  1238/1522   3.85  4.30  4.26  4.18  3.82
3. Did the exam questions reflect the expected goals   0  10  0  0  1  0  0   3.00  ****/1285   ****  4.45  4.30  4.22  ****
4. Did other evaluations reflect the expected goals    0   2  0  0  0  4  5   4.56   425/1476   4.59  4.33  4.22  4.09  4.56
5. Did assigned readings contribute to what you learned 0   4  0  1  0  4  2   4.00   760/1412   3.83  4.02  4.06  4.01  4.00
6. Did written assignments contribute to what you learned 0  1  0  0  2  4  4   4.20   663/1381   4.52  4.25  4.08  3.93  4.20
7. Was the grading system clearly explained            0   0  0  0  1  1  9   4.73   242/1500   4.59  4.27  4.18  4.16  4.73
8. How many times was class cancelled                  0   0  0  0  0  2  9   4.82   691/1517   4.91  4.75  4.65  4.62  4.82
9. How would you grade the overall teaching effectiveness 1 0  0  1  1  5  3   4.00   898/1497   3.89  4.10  4.11  4.02  4.00


           Lecture
1. Were the instructor's lectures well prepared        3   0  0  1  0  1  6   4.50   798/1440   4.53  4.58  4.45  4.40  4.50
2. Did the instructor seem interested in the subject   3   0  0  0  0  0  8   5.00     1/1448   5.00  4.72  4.71  4.63  5.00
3. Was lecture material presented and explained clearly 3  0  0  1  0  3  4   4.25   876/1436   4.24  4.40  4.29  4.24  4.25
4. Did the lectures contribute to what you learned     3   0  1  0  2  1  4   3.88  1139/1432   3.99  4.38  4.29  4.23  3.88
5. Did audiovisual techniques enhance your understanding 3  2  0  0  1  3  2   4.17   524/1221   3.83  4.04  3.93  3.86  4.17


           Discussion
1. Did class discussions contribute to what you learned 10  0  0  0  0  1  0   4.00  ****/1280   ****  3.85  4.10  3.92  ****
2. Were all students actively encouraged to participate 10  0  0  0  0  1  0   4.00  ****/1277   ****  4.31  4.34  4.13  ****
3. Did the instructor encourage fair and open discussion 10 0  0  0  0  1  0   4.00  ****/1269   ****  4.26  4.31  4.04  ****


           Laboratory
1. Did the lab increase understanding of the material   0   1  0  0  1  3  6   4.50    89/ 215   4.25  4.26  4.36  4.31  4.50
2. Were you provided with adequate background information 0  0  0  0  2  3  6   4.36   126/ 228   4.40  4.32  4.35  4.33  4.36
3. Were necessary materials available for lab activities 0  0  0  0  0  2  9   4.82    55/ 217   4.85  4.60  4.51  4.51  4.82
4. Did the lab instructor provide assistance            0   0  0  1  0  1  9   4.64    98/ 216   4.82  4.40  4.42  4.41  4.64
5. Were requirements for lab reports clearly specified  0   0  0  0  2  5  4   4.18   120/ 205   4.26  4.01  4.23  4.28  4.18


                                        Frequency Distribution

Credits Earned         Cum. GPA        Expected Grades        Reasons              Type                 Majors
-------------------------------------------------------------------------------------------------------------------
00-27      2       0.00-0.99    0       A    4       Required for Majors  1     Graduate      0        Major       2
28-55      1       1.00-1.99    0       B    4
56-83      1       2.00-2.99    1       C    2       General              1     Under-grad   11        Non-major   9
84-150     3       3.00-3.49    2       D    0
Grad.      0       3.50-4.00    5       F    0       Electives            2     #### - Means there are not enough
                                        P    0                                 responses to be significant
                                        I    0       Other                5
                                        ?    0
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Course-Section: PHYS 122L 0102                University of Maryland                              Page 1192
Title       INTRODUCTORY PHYSICS L            Baltimore County                                   JUN 26, 2007
Instructor: GOUGOUSI, THEOD                   Spring 2007                                        Job IRBR3029
Enrollment:    12
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  0  7  1  3.89 1229/1522  4.13  4.46  4.30 4.14  3.89
 2. Did the instructor make clear the expected goals   0   0   0  1  2  3  3  3.89 1200/1522  3.85  4.30  4.26 4.18  3.89
 3. Did the exam questions reflect the expected goals  0   8   0  0  0  0  1  5.00 ****/1285  ****  4.45  4.30 4.22  ****
 4. Did other evaluations reflect the expected goals   0   1   0  0  1  1  6  4.63  357/1476  4.59  4.33  4.22 4.09  4.63
 5. Did assigned readings contribute to what you learned  0   3   0  1  2  1  2  3.67 1077/1412  3.83  4.02  4.06 4.01  3.67
 6. Did written assignments contribute to what you learned  0   3   0  0  0  1  5  4.83  108/1381  4.52  4.25  4.08 3.93  4.83
 7. Was the grading system clearly explained           0   0   0  1  1  0  7  4.44  571/1500  4.59  4.27  4.18 4.16  4.44
 8. How many times was class cancelled                 0   0   0  0  0  0  9  5.00    1/1517  4.91  4.75  4.65 4.62  5.00
 9. How would you grade the overall teaching effectiveness  0   0   0  1  1  6  1  3.78 1133/1497  3.89  4.10  4.11 4.02  3.78


            Lecture
 1. Were the instructor's lectures well prepared       0   0   0  0  1  2  6  4.56  740/1440  4.53  4.58  4.45 4.40  4.56
 2. Did the instructor seem interested in the subject  0   0   0  0  0  0  9  5.00    1/1448  5.00  4.72  4.71 4.63  5.00
 3. Was lecture material presented and explained clearly  0   0   0  1  1  2  5  4.22  906/1436  4.24  4.40  4.29 4.24  4.22
 4. Did the lectures contribute to what you learned    0   0   0  1  1  3  4  4.11  984/1432  3.99  4.38  4.29 4.23  4.11
 5. Did audiovisual techniques enhance your understanding  0   1   1  1  2  1  3  3.50  899/1221  3.83  4.04  3.93 3.86  3.50


            Laboratory
 1. Did the lab increase understanding of the material  0   1   0  1  0  5  2  4.00  168/ 215  4.25  4.26  4.36 4.31  4.00
 2. Were you provided with adequate background information  0   0   0  0  2  1  6  4.44  101/ 228  4.40  4.32  4.35 4.33  4.44
 3. Were necessary materials available for lab activities  0   0   0  0  0  1  8  4.89   39/ 217  4.85  4.60  4.51 4.51  4.89

 4. Did the lab instructor provide assistance          0   0   0  0  0  0  9  5.00    1/ 216  4.82  4.40  4.42 4.41  5.00
 5. Were requirements for lab reports clearly specified  0   0   0  0  1  4  4  4.33   96/ 205  4.26  4.01  4.23 4.28  4.33


                                      Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons                Type                  Majors
------------------------------------------------------------------------------------------------------------------
  00-27      1      0.00-0.99    0      A    4       Required for Majors   3     Graduate     0       Major       2
  28-55      2      1.00-1.99    0      B    2
  56-83      4      2.00-2.99    1      C    3       General               0     Under-grad   9       Non-major   7
  84-150     1      3.00-3.49    0      D    0
  Grad.      0      3.50-4.00    5      F    0       Electives             1     #### - Means there are not enough
                                       P    0                                   responses to be significant
                                       I    0       Other                 6
                                       ?    0
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Course-Section: PHYS 220  0101            University of Maryland                              Page 1193
Title      INTRO COMPUTATIONAL PH           Baltimore County                                 JUN 26, 2007
Instructor:  MCCANN, KEVIN                    Spring 2007                                     Job IRBR3029
Enrollment:     13
Questionnaires:   7                  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   7  5.00    1/1522   5.00  4.46  4.30 4.34  5.00
2. Did the instructor make clear the expected goals     0   0   0   0   1   4   2  4.14  986/1522   4.14  4.30  4.26 4.29  4.14
3. Did the exam questions reflect the expected goals    0   6   0   0   0   0   1  5.00 ****/1285   **** 4.45  4.30 4.36  ****
4. Did other evaluations reflect the expected goals     0   0   0   0   0   3   4  4.57  406/1476   4.57  4.33  4.22 4.20  4.57
5. Did assigned readings contribute to what you learned 0   5   0   0   1   0   1  4.00  760/1412   4.00  4.02  4.06 4.00  4.00
6. Did written assignments contribute to what you learned 0 3   0   0   0   3   1  4.25  604/1381   4.25  4.25  4.08 3.97  4.25
7. Was the grading system clearly explained             0   0   0   1   2   1   3  3.86 1117/1500   3.86  4.27  4.18 4.20  3.86
8. How many times was class cancelled                   0   0   0   0   0   0   7  5.00    1/1517   5.00  4.75  4.65 4.63  5.00
9. How would you grade the overall teaching effectiveness 1 0   0   0   1   4   1  4.00  898/1497   4.00  4.10  4.11 4.11  4.00


              Lecture
1. Were the instructor's lectures well prepared         1   0   0   0   0   2   4  4.67  604/1440   4.67  4.58  4.45 4.42  4.67
2. Did the instructor seem interested in the subject    1   0   0   0   0   1   5  4.83  683/1448   4.83  4.72  4.71 4.78  4.83
3. Was lecture material presented and explained clearly 1   0   0   0   1   3   2  4.17  957/1436   4.17  4.40  4.29 4.29  4.17
4. Did the lectures contribute to what you learned      1   0   0   1   0   2   3  4.17  949/1432   4.17  4.38  4.29 4.31  4.17
5. Did audiovisual techniques enhance your understanding 1  0   0   0   0   3   3  4.50  279/1221   4.50  4.04  3.93 4.02  4.50


              Discussion
1. Did class discussions contribute to what you learned 5   0   0   0   1   1   0  3.50 1031/1280   3.50  3.85  4.10 4.08  3.50
2. Were all students actively encouraged to participate 5   0   0   0   0   1   1  4.50  594/1277   4.50  4.31  4.34 4.33  4.50
3. Did the instructor encourage fair and open discussion 6  0   0   0   0   0   1  5.00 ****/1269   **** 4.26  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        6
 28-55      0      1.00-1.99    0       B    2
 56-83      2      2.00-2.99    0       C    0        General              2     Under-grad    7     Non-major    1
 84-150     0      3.00-3.49    1       D    1
 Grad.      0      3.50-4.00    2       F    0        Electives            1     #### - Means there are not enough
                                        P    0                                  responses to be significant
                                        I    0        Other                2
                                        ?    0
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Course-Section: PHYS 224  0101                University of Maryland                              Page 1194
Title       INTRODUCTORY PHYSICS I            Baltimore County                                   JUN 26, 2007
Instructor:   MARTINS, JOSE                   Spring 2007                                         Job IRBR3029
Enrollment:     10
Questionnaires:  7                     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  6  4.86  211/1522  4.86  4.46  4.30  4.34  4.86
2. Did the instructor make clear the expected goals    0  0  0  0  0  3  4  4.57  465/1522  4.57  4.30  4.26  4.29  4.57
3. Did the exam questions reflect the expected goals   0  0  0  0  1  1  5  4.57  456/1285  4.57  4.45  4.30  4.36  4.57
4. Did other evaluations reflect the expected goals    0  3  0  0  0  1  3  4.75  226/1476  4.75  4.33  4.22  4.20  4.75
5. Did assigned readings contribute to what you learned 0  0  0  0  1  2  4  4.43  411/1412  4.43  4.02  4.06  4.00  4.43
6. Did written assignments contribute to what you learned 0 2 0 0 0 1 4  4.80  118/1381  4.80  4.25  4.08  3.97  4.80
7. Was the grading system clearly explained            0  0  0  0  0  2  5  4.71  252/1500  4.71  4.27  4.18  4.20  4.71
8. How many times was class cancelled                  0  0  0  0  0  1  6  4.86  600/1517  4.86  4.75  4.65  4.63  4.86
9. How would you grade the overall teaching effectiveness 1 0 0 0 1 3 2  4.17  756/1497  4.17  4.10  4.11  4.11  4.17


            Lecture
1. Were the instructor's lectures well prepared        0  0  0  0  0  1  6  4.86  272/1440  4.86  4.58  4.45  4.42  4.86
2. Did the instructor seem interested in the subject   0  0  0  0  0  0  7  5.00    1/1448  5.00  4.72  4.71  4.78  5.00
3. Was lecture material presented and explained clearly 0 0 0 0 0 4 3  4.43  696/1436  4.43  4.40  4.29  4.29  4.43
4. Did the lectures contribute to what you learned     0  0  0  0  0  0  7  5.00    1/1432  5.00  4.38  4.29  4.31  5.00
5. Did audiovisual techniques enhance your understanding 0 0 0 0 1 2 4  4.43  343/1221  4.43  4.04  3.93  4.02  4.43


            Discussion
1. Did class discussions contribute to what you learned 2 0 0 0 2 1 2  4.00  718/1280  4.00  3.85  4.10  4.08  4.00
2. Were all students actively encouraged to participate 2 0 0 0 0 0 5  5.00    1/1277  5.00  4.31  4.34  4.33  5.00
3. Did the instructor encourage fair and open discussion 2 0 0 0 0 1 4  4.80  332/1269  4.80  4.26  4.31  4.33  4.80
4. Were special techniques successful                  2  3  0  1  0  0  1  3.50  673/ 854  3.50  3.97  4.02  4.00  3.50


            Laboratory
1. Did the lab increase understanding of the material  6  0  0  0  0  0  1  5.00 ****/ 215  ****  4.26  4.36  4.62  ****
2. Were you provided with adequate background information 6 0 0 0 0 0 1  5.00 ****/ 228  ****  4.32  4.35  4.56  ****
3. Were necessary materials available for lab activities 6 0 0 0 0 0 1  5.00 ****/ 217  ****  4.60  4.51  4.57  ****
4. Did the lab instructor provide assistance           6  0  0  0  0  0  1  5.00 ****/ 216  ****  4.40  4.42  4.72  ****
5. Were requirements for lab reports clearly specified 6  0  0  0  0  0  1  5.00 ****/ 205  ****  4.01  4.23  4.37  ****

                                 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                               
 56-83      2      2.00-2.99    0        C    2     General              1    Under-grad   7     Non-major    3
 84-150     0      3.00-3.49    0        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                5
                                         ?    0
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Course-Section: PHYS 305  0101              University of Maryland                         Page 1195
Title     STELLAR ASTROPHYSICS              Baltimore County                               JUN 26, 2007
Instructor:  HENRIKSEN, MARK                Spring 2007                                    Job IRBR3029
Enrollment:    10
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   2   1   3  4.17   991/1522  4.17  4.46  4.30  4.34  4.17
2. Did the instructor make clear the expected goals      0   0   0   0   3   1   2  3.83  1227/1522  3.83  4.30  4.26  4.25  3.83
3. Did the exam questions reflect the expected goals     0   0   0   2   0   2   2  3.67  1123/1285  3.67  4.45  4.30  4.30  3.67
4. Did other evaluations reflect the expected goals      0   4   0   0   1   0   1  4.00  1009/1476  4.00  4.33  4.22  4.26  4.00
5. Did assigned readings contribute to what you learned  0   5   0   0   0   0   1  5.00  ****/1412  ****  4.02  4.06  4.03  ****
6. Did written assignments contribute to what you learned 0  1   0   0   0   2   3  4.60   247/1381  4.60  4.25  4.08  4.13  4.60
7. Was the grading system clearly explained              0   0   2   1   1   0   2  2.83  1452/1500  2.83  4.27  4.18  4.13  2.83
8. How many times was class cancelled                    0   0   0   0   0   1   5  4.83   645/1517  4.83  4.75  4.65  4.62  4.83
9. How would you grade the overall teaching effectiveness 0  0   1   1   1   1   2  3.33  1346/1497  3.33  4.10  4.11  4.13  3.33


                Lecture
1. Were the instructor's lectures well prepared          0   0   1   0   1   1   3  3.83  1276/1440  3.83  4.58  4.45  4.46  3.83
2. Did the instructor seem interested in the subject     0   0   0   1   0   1   4  4.33  1271/1448  4.33  4.72  4.71  4.71  4.33
3. Was lecture material presented and explained clearly  0   0   1   1   1   1   2  3.33  1334/1436  3.33  4.40  4.29  4.30  3.33
4. Did the lectures contribute to what you learned       0   0   0   2   1   0   3  3.67  1224/1432  3.67  4.38  4.29  4.29  3.67
5. Did audiovisual techniques enhance your understanding 0   4   0   1   0   0   1  3.50   899/1221  3.50  4.04  3.93  3.94  3.50


                                       Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades          Reasons                  Type                   Majors
-----------------------------------------------------------------------------------------------------------------------------
  00-27      0        0.00-0.99    0        A     4        Required for Majors   1      Graduate       0       Major       4
  28-55      0        1.00-1.99    0        B     1
  56-83      1        2.00-2.99    1        C     0        General               1      Under-grad     6       Non-major   2
  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
                                            ?     1
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Course-Section: PHYS 315  0101           University of Maryland                        Page 1196
Title      GALAXIES & INTERSTELLA         Baltimore County                             JUN 26, 2007
Instructor:   DAVIS, DAVID                Spring 2007                                  Job IRBR3029
Enrollment:    7
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  2  0  2  0  3.00 1489/1522  3.00  4.46  4.30  4.34  3.00
2. Did the instructor make clear the expected goals   0  0  1  0  0  3  0  3.25 1442/1522  3.25  4.30  4.26  4.25  3.25
3. Did the exam questions reflect the expected goals  0  0  0  1  1  0  2  3.75 1088/1285  3.75  4.45  4.30  4.30  3.75
4. Did other evaluations reflect the expected goals   0  3  0  1  0  0  0  2.00 1467/1476  2.00  4.33  4.22  4.26  2.00
5. Did assigned readings contribute to what you learned 0 0 1 0 3 0 0  2.50 1385/1412  2.50  4.02  4.06  4.03  2.50
6. Did written assignments contribute to what you learned 0 2 1 0 0 1 0 2.50 1350/1381  2.50  4.25  4.08  4.13  2.50
7. Was the grading system clearly explained           0  0  0  1  1  1  1  3.50 1298/1500  3.50  4.27  4.18  4.13  3.50
8. How many times was class cancelled                 0  0  0  0  0  4  0  4.00 1389/1517  4.00  4.75  4.65  4.62  4.00
9. How would you grade the overall teaching effectiveness 1 0 0 0 1 2 0 3.67 1204/1497  3.67  4.10  4.11  4.13  3.67

                  Lecture
1. Were the instructor's lectures well prepared       0  0  0  0  1  0  3  4.50  798/1440  4.50  4.58  4.45  4.46  4.50
2. Did the instructor seem interested in the subject  0  0  0  0  1  0  3  4.50 1157/1448  4.50  4.72  4.71  4.71  4.50
3. Was lecture material presented and explained clearly 1 0 0 0 0 1 2  4.67  415/1436  4.67  4.40  4.29  4.30  4.67
4. Did the lectures contribute to what you learned    0  0  1  0  1  1  1  3.25 1335/1432  3.25  4.38  4.29  4.29  3.25
5. Did audiovisual techniques enhance your understanding 0 0 0 0 2 0 2  4.00  606/1221  4.00  4.04  3.93  3.94  4.00

                  Discussion
1. Did class discussions contribute to what you learned 3 0 1 0 0 0 0  1.00 1277/1280  1.00  3.85  4.10  4.14  1.00
2. Were all students actively encouraged to participate 3 0 0 0 0 0 1  5.00    1/1277  5.00  4.31  4.34  4.38  5.00
3. Did the instructor encourage fair and open discussion 3 0 0 0 0 0 1 5.00    1/1269  5.00  4.26  4.31  4.39  5.00

                                       Frequency Distribution

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        4
  28-55     0       1.00-1.99    0       B    2
  56-83     0       2.00-2.99    0       C    0      General              1    Under-grad   4     Non-major    0
  84-150    1       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                4
                                        ?    1
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Course-Section: PHYS 321  0101                 University of Maryland                                    Page 1197
Title       INTERMEDIATE MECHANICS             Baltimore County                                         JUN 26, 2007
Instructor:   KRAMER, IVAN                     Spring 2007                                               Job IRBR3029
Enrollment:    29
Questionnaires:  20                     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  4  7  9  4.25  899/1522   4.25  4.46  4.30  4.34  4.25
 2. Did the instructor make clear the expected goals    0   0  1  4  0  7  8  3.85 1217/1522   3.85  4.30  4.26  4.25  3.85
 3. Did the exam questions reflect the expected goals   0   0  1  2  5  7  5  3.65 1126/1285   3.65  4.45  4.30  4.30  3.65
 4. Did other evaluations reflect the expected goals    0  12  0  0  2  1  5  4.38  660/1476   4.38  4.33  4.22  4.26  4.38
 5. Did assigned readings contribute to what you learned 0   2  0  1  0 12  5  4.17  646/1412   4.17  4.02  4.06  4.03  4.17
 6. Did written assignments contribute to what you learned 0 16  0  0  0  3  1  4.25 ****/1381  ****  4.25  4.08  4.13  ****
 7. Was the grading system clearly explained            0   5  2  1  6  3  3  3.27 1394/1500   3.27  4.27  4.18  4.13  3.27
 8. How many times was class cancelled                  0   0  0  0  0 15  5  4.25 1268/1517   4.25  4.75  4.65  4.62  4.25
 9. How would you grade the overall teaching effectiveness 1 0  1  1  4  9  4  3.74 1160/1497   3.74  4.10  4.11  4.13  3.74

               Lecture
 1. Were the instructor's lectures well prepared        0   0  0  2  2  8  8  4.10 1148/1440   4.10  4.58  4.45  4.46  4.10
 2. Did the instructor seem interested in the subject   0   0  0  0  0  0 20  5.00    1/1448   5.00  4.72  4.71  4.71  5.00
 3. Was lecture material presented and explained clearly 0  0  2  2  6  5  5  3.45 1298/1436   3.45  4.40  4.29  4.30  3.45
 4. Did the lectures contribute to what you learned     0   0  1  2  5  4  8  3.80 1170/1432   3.80  4.38  4.29  4.29  3.80
 5. Did audiovisual techniques enhance your understanding 0 18  0  0  1  1  0  3.50 ****/1221  ****  4.04  3.93  3.94  ****

               Discussion
 1. Did class discussions contribute to what you learned 10 0  0  0  0  7  3  4.30  553/1280   4.30  3.85  4.10  4.14  4.30
 2. Were all students actively encouraged to participate 10 0  0  1  1  3  5  4.20  849/1277   4.20  4.31  4.34  4.38  4.20
 3. Did the instructor encourage fair and open discussion 10 0 2  0  2  2  4  3.60 1097/1269   3.60  4.26  4.31  4.39  3.60
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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    4        Required for Majors  0      Graduate      0      Major       13
 28-55      0        1.00-1.99   0        B    5
 56-83      2        2.00-2.99   1        C    3        General              0      Under-grad   20      Non-major    7
 84-150     6        3.00-3.49   7        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               20
                                          ?    8
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Course-Section: PHYS 324  0101                    University of Maryland                                    Page 1198
Title      MODERN PHYSICS                          Baltimore County                                        JUN 26, 2007
Instructor:   RENO, ROBERT C                        Spring 2007                                            Job IRBR3029
Enrollment:    30
Questionnaires:  18                        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  1  4  12   4.50   605/1522   4.50  4.46   4.30  4.34  4.50
2. Did the instructor make clear the expected goals     0   0   0  0  2  8   8   4.33   787/1522   4.33  4.30   4.26  4.25  4.33
3. Did the exam questions reflect the expected goals    0   0   0  0  1  5  12   4.61   415/1285   4.61  4.45   4.30  4.30  4.61
4. Did other evaluations reflect the expected goals     0   7   0  1  1  3   6   4.27   769/1476   4.27  4.33   4.22  4.26  4.27
5. Did assigned readings contribute to what you learned 0   3   0  3  5  4   3   3.47  1189/1412   3.47  4.02   4.06  4.03  3.47
6. Did written assignments contribute to what you learned 0 8   0  1  2  2   5   4.10   753/1381   4.10  4.25   4.08  4.13  4.10
7. Was the grading system clearly explained             0   0   0  0  0  5  13   4.72   242/1500   4.72  4.27   4.18  4.13  4.72
8. How many times was class cancelled                   0   0   0  0  0  0  18   5.00     1/1517   5.00  4.75   4.65  4.62  5.00
9. How would you grade the overall teaching effectiveness 1 0   0  1  2  6   8   4.24   674/1497   4.24  4.10   4.11  4.13  4.24

            Lecture
1. Were the instructor's lectures well prepared         0   0   0  0  0  4  14   4.78   412/1440   4.78  4.58   4.45  4.46  4.78
2. Did the instructor seem interested in the subject    0   0   0  0  1  1  16   4.83   683/1448   4.83  4.72   4.71  4.71  4.83
3. Was lecture material presented and explained clearly 0   0   1  0  1  7   9   4.28   855/1436   4.28  4.40   4.29  4.30  4.28
4. Did the lectures contribute to what you learned      0   0   0  1  1  3  13   4.56   579/1432   4.56  4.38   4.29  4.29  4.56
5. Did audiovisual techniques enhance your understanding 0  6   0  2  2  4   4   3.83   739/1221   3.83  4.04   3.93  3.94  3.83

            Discussion
1. Did class discussions contribute to what you learned 13  0   2  1  1  0   1   2.40  1264/1280   2.40  3.85   4.10  4.14  2.40
2. Were all students actively encouraged to participate 13  0   2  0  1  1   1   2.80  1251/1277   2.80  4.31   4.34  4.38  2.80
3. Did the instructor encourage fair and open discussion 13 0   1  0  1  0   3   3.80  1002/1269   3.80  4.26   4.31  4.39  3.80
4. Were special techniques successful                   13  4   0  0  0  0   1   5.00  ****/ 854   ****  3.97   4.02  4.00  ****
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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	1	Major	10
28-55	2	1.00-1.99	0	B	9						
56-83	1	2.00-2.99	1	C	4	General	0	Under-grad	17	Non-major	8
84-150	5	3.00-3.49	4	D	0						
Grad.	1	3.50-4.00	6	F	0	Electives	2	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	15				
				?	0						

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Course-Section: PHYS 324H 0101              University of Maryland                          Page 1199
Title        MODERN PHYSICS HONORS          Baltimore County                             JUN 26, 2007
Instructor:  RENO, ROBERT C                 Spring 2007                                  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   0   1   4  4.80  246/1522   4.80  4.46  4.30  4.34  4.80
2. Did the instructor make clear the expected goals     0   0   0   0   1   1   3  4.40  702/1522   4.40  4.30  4.26  4.25  4.40
3. Did the exam questions reflect the expected goals    0   0   0   0   0   1   4  4.80  228/1285   4.80  4.45  4.30  4.30  4.80
4. Did other evaluations reflect the expected goals     0   2   0   0   0   2   1  4.33  703/1476   4.33  4.33  4.22  4.26  4.33
5. Did assigned readings contribute to what you learned 0   0   0   1   1   2   1  3.60 1112/1412   3.60  4.02  4.06  4.03  3.60
6. Did written assignments contribute to what you learned 0  2   0   0   0   1   2  4.67  207/1381   4.67  4.25  4.08  4.13  4.67
7. Was the grading system clearly explained             0   0   0   0   0   0   5  5.00    1/1500   5.00  4.27  4.18  4.13  5.00
8. How many times was class cancelled                   0   0   0   0   0   1   4  4.80  714/1517   4.80  4.75  4.65  4.62  4.80
9. How would you grade the overall teaching effectiveness 2 0   0   0   0   2   1  4.33  573/1497   4.33  4.10  4.11  4.13  4.33


            Lecture
1. Were the instructor's lectures well prepared         0   0   0   0   0   1   4  4.80  353/1440   4.80  4.58  4.45  4.46  4.80
2. Did the instructor seem interested in the subject    0   0   0   0   0   0   5  5.00    1/1448   5.00  4.72  4.71  4.71  5.00
3. Was lecture material presented and explained clearly 0   0   0   0   0   3   2  4.40  720/1436   4.40  4.40  4.29  4.30  4.40
4. Did the lectures contribute to what you learned      0   0   0   0   0   0   5  5.00    1/1432   5.00  4.38  4.29  4.29  5.00
5. Did audiovisual techniques enhance your understanding 0  1   0   0   3   0   1  3.50  899/1221   3.50  4.04  3.93  3.94  3.50


            Laboratory
1. Did the lab increase understanding of the material   1   0   0   0   0   3   1  4.25  131/ 215   4.25  4.26  4.36  4.21  4.25
2. Were you provided with adequate background information 1 0   0   0   0   1   3  4.75   45/ 228   4.75  4.32  4.35  4.29  4.75
3. Were necessary materials available for lab activities 1  0   0   0   0   0   4  5.00    1/ 217   5.00  4.60  4.51  4.45  5.00
4. Did the lab instructor provide assistance            1   0   0   0   0   1   3  4.75   69/ 216   4.75  4.40  4.42  4.35  4.75
5. Were requirements for lab reports clearly specified  1   2   0   0   0   1   1  4.50   67/ 205   4.50  4.01  4.23  4.26  4.50


                              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       3
  28-55      0      1.00-1.99    0      B    2
  56-83      3      2.00-2.99    0      C    0        General               0    Under-grad    5      Non-major   2
  84-150     0      3.00-3.49    2      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
                                        ?    0
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Course-Section: PHYS 331L 0101            University of Maryland                              Page 1200
Title       MODERN PHYSICS LAB             Baltimore County                                   JUN 26, 2007
Instructor:  WU, EN-SHINN                     Spring 2007                                     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  0  0  0  4  4  4.50   605/1522  4.50  4.46  4.30  4.34  4.50
2. Did the instructor make clear the expected goals    0   0  0  1  3  2  2  3.63  1316/1522  3.63  4.30  4.26  4.25  3.63
3. Did the exam questions reflect the expected goals   0   7  0  0  0  0  1  5.00  ****/1285  ****  4.45  4.30  4.30  ****
4. Did other evaluations reflect the expected goals    0   1  0  0  0  2  5  4.71   265/1476  4.71  4.33  4.22  4.26  4.71
5. Did assigned readings contribute to what you learned 0  2  0  0  1  3  2  4.17   646/1412  4.17  4.02  4.06  4.03  4.17
6. Did written assignments contribute to what you learned 0 3 0  0  1  0  4  4.60   247/1381  4.60  4.25  4.08  4.13  4.60
7. Was the grading system clearly explained            0   0  0  0  3  2  3  4.00   988/1500  4.00  4.27  4.18  4.13  4.00
8. How many times was class cancelled                  0   0  0  0  0  3  5  4.63   973/1517  4.63  4.75  4.65  4.62  4.63
9. How would you grade the overall teaching effectiveness 0 0 0  0  3  3  2  3.88  1057/1497  3.88  4.10  4.11  4.13  3.88


                Laboratory
1. Did the lab increase understanding of the material  0   3  0  0  0  1  4  4.80    44/ 215  4.80  4.26  4.36  4.21  4.80
2. Were you provided with adequate background information 0 0 0 0  1  5  2  4.13   169/ 228  4.13  4.32  4.35  4.29  4.13
3. Were necessary materials available for lab activities 0 0 0  0  1  2  5  4.50   123/ 217  4.50  4.60  4.51  4.45  4.50
4. Did the lab instructor provide assistance           0   0  1  1  2  1  3  3.50   197/ 216  3.50  4.40  4.42  4.35  3.50
5. Were requirements for lab reports clearly specified 0   0  1  1  3  2  1  3.13   193/ 205  3.13  4.01  4.23  4.26  3.13


                                    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
 56-83     0           2.00-2.99   2        C    1       General               0       Under-grad    8       Non-major   0
 84-150    3           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                 8
                                            ?    0
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Course-Section: PHYS 340L 0101                   University of Maryland                                    Page 1201
Title                                             Baltimore County                                        JUN 26, 2007
Instructor:    MCMILLAN, WALLA                    Spring 2007                                             Job IRBR3029
Enrollment:      17
Questionnaires:  16                        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  3 13  4.81  239/1522  4.81  4.46  4.30  4.34  4.81
2. Did the instructor make clear the expected goals    1  0  0  0  0  5 10  4.67  358/1522  4.67  4.30  4.26  4.25  4.67
3. Did the exam questions reflect the expected goals   0  0  0  0  0  2 14  4.88  173/1285  4.88  4.45  4.30  4.30  4.88
4. Did other evaluations reflect the expected goals    0  0  0  0  0  2 14  4.88  140/1476  4.88  4.33  4.22  4.26  4.88
5. Did assigned readings contribute to what you learned 0 0 1  2  6  5  2  3.31 1267/1412  3.31  4.02  4.06  4.03  3.31
6. Did written assignments contribute to what you learned 0 0 0 0 2 3 11 4.56 280/1381  4.56  4.25  4.08  4.13  4.56
7. Was the grading system clearly explained            0  0  0  0  0  6 10  4.63  362/1500  4.63  4.27  4.18  4.13  4.63
8. How many times was class cancelled                  0  0  0  0  0  3 13  4.81  691/1517  4.81  4.75  4.65  4.62  4.81
9. How would you grade the overall teaching effectiveness 5 0 0 0 0 7  4  4.36  544/1497  4.36  4.10  4.11  4.13  4.36


            Lecture
1. Were the instructor's lectures well prepared        0  0  0  0  1  0 15  4.88  240/1440  4.88  4.58  4.45  4.46  4.88
2. Did the instructor seem interested in the subject   0  0  0  0  1  0 15  4.88  575/1448  4.88  4.72  4.71  4.71  4.88
3. Was lecture material presented and explained clearly 0 0 0  0  0  5 11  4.69  394/1436  4.69  4.40  4.29  4.30  4.69
4. Did the lectures contribute to what you learned     0  0  0  0  0  3 13  4.81  280/1432  4.81  4.38  4.29  4.29  4.81
5. Did audiovisual techniques enhance your understanding 1 3 0 0 0 5  7  4.58  226/1221  4.58  4.04  3.93  3.94  4.58


            Discussion
1. Did class discussions contribute to what you learned 10 0 0 0 0 2  4  4.67  286/1280  4.67  3.85  4.10  4.14  4.67
2. Were all students actively encouraged to participate 11 0 0 0 0 2  3  4.60  527/1277  4.60  4.31  4.34  4.38  4.60
3. Did the instructor encourage fair and open discussion 11 0 0 0 1 1  3  4.40  671/1269  4.40  4.26  4.31  4.39  4.40
4. Were special techniques successful                  11  2  1  0  0  0  2  3.67 ****/ 854  ****  3.97  4.02  4.00  ****


            Laboratory
1. Did the lab increase understanding of the material   1  0  0  0  0  3 12  4.80   44/ 215  4.80  4.26  4.36  4.21  4.80
2. Were you provided with adequate background information 1 0 0 0 1 4 10  4.60   69/ 228  4.60  4.32  4.35  4.29  4.60
3. Were necessary materials available for lab activities 1 0 0 0 0 4 11  4.73   76/ 217  4.73  4.60  4.51  4.45  4.73
4. Did the lab instructor provide assistance            2  0  0  0  1  1 12  4.79   62/ 216  4.79  4.40  4.42  4.35  4.79
5. Were requirements for lab reports clearly specified  1  0  0  1  0  5  9  4.47   74/ 205  4.47  4.01  4.23  4.26  4.47


            Seminar
1. Were assigned topics relevant to the announced theme 15 0 0 0 0 0  1  5.00 ****/  79  ****  ****  4.58  4.53  ****
2. Was the instructor available for individual attention 15 0 0 0 0 0 1  5.00 ****/  77  ****  ****  4.52  4.30  ****
4. Did presentations contribute to what you learned    15  0  0  0  0  0  1  5.00 ****/  78  ****  ****  4.45  4.34  ****
5. Were criteria for grading made clear                15  0  0  0  0  0  1  5.00 ****/  80  ****  ****  4.11  3.33  ****


            Field Work
1. Did field experience contribute to what you learned 15 0 0 0 0 0  1  5.00 ****/  47  ****  ****  4.41  4.56  ****
2. Did you clearly understand your evaluation criteria 15 0 0 0 0 0  1  5.00 ****/  45  ****  ****  4.30  4.39  ****
3. Was the instructor available for consultation       15  0  0  0  0  0  1  5.00 ****/  39  ****  ****  4.40  4.68  ****
4. To what degree could you discuss your evaluations   15  0  0  0  0  0  1  5.00 ****/  35  ****  ****  4.31  4.26  ****
5. Did conferences help you carry out field activities 15  0  0  0  0  0  1  5.00 ****/  34  ****  ****  4.30  4.12  ****
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                              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	14
28-55	1	1.00-1.99	0	B	10						
56-83	4	2.00-2.99	3	C	2	General	0	Under-grad	16	Non-major	2
84-150	4	3.00-3.49	5	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			

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I    0              Other              13
?    0
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Course-Section: PHYS 408  0101              University of Maryland                               Page 1202
Title      OPTICS                           Baltimore County                                    JUN 26, 2007
Instructor:   PITTMAN, TODD B               Spring 2007                                         Job IRBR3029
Enrollment:    27
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   3   4  12  4.24  919/1522  4.24  4.46  4.30  4.42  4.24
2. Did the instructor make clear the expected goals     0   0   0   0   0   3  18  4.86  164/1522  4.86  4.30  4.26  4.34  4.86
3. Did the exam questions reflect the expected goals    0   0   0   0   0   3  18  4.86  189/1285  4.86  4.45  4.30  4.42  4.86
4. Did other evaluations reflect the expected goals     0   0   0   0   3   4  14  4.52  454/1476  4.52  4.33  4.22  4.31  4.52
5. Did assigned readings contribute to what you learned 0   1   0   2   5   5   8  3.95  826/1412  3.95  4.02  4.06  4.11  3.95
6. Did written assignments contribute to what you learned 0 4   0   1   2   6   8  4.24  623/1381  4.24  4.25  4.08  4.21  4.24
7. Was the grading system clearly explained             0   0   0   0   1   2  18  4.81  160/1500  4.81  4.27  4.18  4.25  4.81
8. How many times was class cancelled                   0   0   0   0   0   0  21  5.00    1/1517  5.00  4.75  4.65  4.71  5.00
9. How would you grade the overall teaching effectiveness 3 0   0   0   0   4  14  4.78  172/1497  4.78  4.10  4.11  4.21  4.78

            Lecture
1. Were the instructor's lectures well prepared         0   0   0   0   0   1  20  4.95   96/1440  4.95  4.58  4.45  4.52  4.95
2. Did the instructor seem interested in the subject    0   0   0   0   0   0  21  5.00    1/1448  5.00  4.72  4.71  4.75  5.00
3. Was lecture material presented and explained clearly 0   0   0   0   1   3  17  4.76  279/1436  4.76  4.40  4.29  4.32  4.76
4. Did the lectures contribute to what you learned      0   0   0   0   1   2  18  4.81  294/1432  4.81  4.38  4.29  4.34  4.81
5. Did audiovisual techniques enhance your understanding 0  6   0   0   2   2  11  4.60  213/1221  4.60  4.04  3.93  4.04  4.60

            Discussion
1. Did class discussions contribute to what you learned 5   0   2   0   0   8   6  4.00  718/1280  4.00  3.85  4.10  4.28  4.00
2. Were all students actively encouraged to participate 5   0   0   0   0   1  15  4.94  159/1277  4.94  4.31  4.34  4.50  4.94
3. Did the instructor encourage fair and open discussion 5  0   0   0   2   1  13  4.69  445/1269  4.69  4.26  4.31  4.49  4.69
4. Were special techniques successful                   5  11   0   1   0   0   4  4.40  ****/ 854  ****  3.97  4.02  4.31  ****


                                    Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades          Reasons                  Type                     Majors
-------------------------------------------------------------------------------------------------------------
  00-27      0       0.00-0.99    0        A    15          Required for Majors   0      Graduate      0       Major       18
  28-55      0       1.00-1.99    0        B     4
  56-83      0       2.00-2.99    3        C     0          General               1      Under-grad   21       Non-major    3
  84-150     7       3.00-3.49    1        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                19
                                           ?     1
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Course-Section: PHYS 424  0101            University of Maryland                          Page 1203
Title         INTRO QUANTAM MECHANIC       Baltimore County                              JUN 26, 2007
Instructor:   TAKACS, LASZLO               Spring 2007                                   Job IRBR3029
Enrollment:      22
Questionnaires: 13                  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  5  7 4.46  656/1522 4.46 4.46 4.30 4.42 4.46
2. Did the instructor make clear the expected goals   0  0  0  0  1  9  3 4.15  976/1522 4.15 4.30 4.26 4.34 4.15
3. Did the exam questions reflect the expected goals  0  0  0  1  1  6  5 4.15  841/1285 4.15 4.45 4.30 4.42 4.15
4. Did other evaluations reflect the expected goals   0  6  0  0  0  4  3 4.43  597/1476 4.43 4.33 4.22 4.31 4.43
5. Did assigned readings contribute to what you learned 0 1  0  0  1  6  5 4.33 493/1412 4.33 4.02 4.06 4.11 4.33
6. Did written assignments contribute to what you learned 0 8 0 0 0 3 2 4.40 434/1381 4.40 4.25 4.08 4.21 4.40
7. Was the grading system clearly explained           0  0  0  0  1  8  4 4.23  799/1500 4.23 4.27 4.18 4.25 4.23
8. How many times was class cancelled                 0  0  0  0  0  0 13 5.00    1/1517 5.00 4.75 4.65 4.71 5.00
9. How would you grade the overall teaching effectiveness 2 0 0 0 2 5 4 4.18 731/1497 4.18 4.10 4.11 4.21 4.18

              Lecture
1. Were the instructor's lectures well prepared       0  0  0  0  0  3 10 4.77  432/1440 4.77 4.58 4.45 4.52 4.77
2. Did the instructor seem interested in the subject  0  0  0  0  0  4  9 4.69  965/1448 4.69 4.72 4.71 4.75 4.69
3. Was lecture material presented and explained clearly 0 0 0 0 3 5 5 4.15  965/1436 4.15 4.40 4.29 4.32 4.15
4. Did the lectures contribute to what you learned    0  0  0  0  3  5  5 4.15  956/1432 4.15 4.38 4.29 4.34 4.15

              Discussion
1. Did class discussions contribute to what you learned 8 0 1 0 0 3 1 3.60 988/1280 3.60 3.85 4.10 4.28 3.60
2. Were all students actively encouraged to participate 8 0 0 0 0 3 2 4.40 692/1277 4.40 4.31 4.34 4.50 4.40
3. Did the instructor encourage fair and open discussion 8 0 0 0 0 3 2 4.40 671/1269 4.40 4.26 4.31 4.49 4.40
4. Were special techniques successful                 8  4  1  0  0  0  0 1.00 ****/ 854 **** 3.97 4.02 4.31 ****

              Laboratory
2. Were you provided with adequate background information 12 0 1 0 0 0 0 1.00 ****/ 228 **** 4.32 4.35 4.32 ****

              Seminar
1. Were assigned topics relevant to the announced theme 12 0 0 0 0 1 0 4.00 ****/ 79 **** **** 4.58 4.67 ****
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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	1	Major	13
28-55	0	1.00-1.99	0	B	5						
56-83	0	2.00-2.99	1	C	2	General	0	Under-grad	12	Non-major	0
84-150	7	3.00-3.49	1	D	0						
Grad.	1	3.50-4.00	9	F	0	Electives	1	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	11				
				?	2						

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Course-Section: PHYS 602  0101              University of Maryland                        Page 1204
Title      STATISTICAL MECHANICS            Baltimore County                              JUN 26, 2007
Instructor:    MCCANN, KEVIN                Spring 2007                                   Job IRBR3029
Enrollment:       8
Questionnaires:   7                 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  7  5.00   1/1522   5.00  4.46  4.30  4.45  5.00
2. Did the instructor make clear the expected goals    0   0  0  0  0  0  7  5.00   1/1522   5.00  4.30  4.26  4.29  5.00
3. Did the exam questions reflect the expected goals   0   0  0  0  0  2  5  4.71  318/1285   4.71  4.45  4.30  4.31  4.71
4. Did other evaluations reflect the expected goals    0   1  0  0  0  0  6  5.00   1/1476   5.00  4.33  4.22  4.31  5.00
5. Did assigned readings contribute to what you learned 0  0  0  0  0  1  6  4.86  119/1412   4.86  4.02  4.06  4.25  4.86
6. Did written assignments contribute to what you learned 0  1  0  0  0  1  5  4.83  108/1381   4.83  4.25  4.08  4.25  4.83
7. Was the grading system clearly explained            0   0  0  1  0  3  3  4.14  892/1500   4.14  4.27  4.18  4.22  4.14
8. How many times was class cancelled                  0   0  0  0  0  0  7  5.00   1/1517   5.00  4.75  4.65  4.73  5.00
9. How would you grade the overall teaching effectiveness 1  0  0  0  0  1  5  4.83  134/1497   4.83  4.10  4.11  4.21  4.83


              Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  0  7  5.00   1/1440   5.00  4.58  4.45  4.48  5.00
2. Did the instructor seem interested in the subject   0   0  0  0  0  0  7  5.00   1/1448   5.00  4.72  4.71  4.80  5.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  0  7  5.00   1/1436   5.00  4.40  4.29  4.37  5.00
4. Did the lectures contribute to what you learned     0   0  0  0  0  0  7  5.00   1/1432   5.00  4.38  4.29  4.33  5.00
5. Did audiovisual techniques enhance your understanding 1  0  0  0  1  3  2  4.17  524/1221   4.17  4.04  3.93  3.83  4.17


              Discussion
1. Did class discussions contribute to what you learned 1  0  0  0  1  1  4  4.50  390/1280   4.50  3.85  4.10  4.24  4.50
2. Were all students actively encouraged to participate 1  0  0  0  1  0  5  4.67  470/1277   4.67  4.31  4.34  4.52  4.67
3. Did the instructor encourage fair and open discussion 1  0  0  0  1  0  5  4.67  461/1269   4.67  4.26  4.31  4.51  4.67
4. Were special techniques successful                  1   4  0  1  0  0  1  3.50  673/ 854   3.50  3.97  4.02  4.08  3.50


                                   Frequency Distribution

Credits Earned        Cum. GPA       Expected Grades       Reasons              Type              Majors
----------------------------------------------------------------------------------------------------------
  00-27      0     0.00-0.99   0      A   4      Required for Majors  0    Graduate     2    Major        4
  28-55      0     1.00-1.99   0      B   1
  56-83      0     2.00-2.99   0      C   0      General              0    Under-grad   5    Non-major    3
  84-150     0     3.00-3.49   0      D   0
  Grad.      2     3.50-4.00   1      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 607  0101          University of Maryland                                    Page 1205
Title     ELECTROMAG WAVES/RADIA         Baltimore County                                         JUN 26, 2007
Instructor:   ROUS, PHILIP               Spring 2007                                              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   1   2   7  4.60   492/1522  4.60  4.46  4.30 4.45  4.60
 2. Did the instructor make clear the expected goals    0   0   0   0   0   2   8  4.80   201/1522  4.80  4.30  4.26 4.29  4.80
 3. Did the exam questions reflect the expected goals   0   0   0   0   0   1   9  4.90   150/1285  4.90  4.45  4.30 4.31  4.90
 4. Did other evaluations reflect the expected goals    0   1   0   0   1   0   8  4.78   207/1476  4.78  4.33  4.22 4.31  4.78
 5. Did assigned readings contribute to what you learned 1  0   1   0   1   1   6  4.22   594/1412  4.22  4.02  4.06 4.25  4.22
 6. Did written assignments contribute to what you learned 0 0 0  0   0   2   8  4.80   118/1381  4.80  4.25  4.08 4.25  4.80
 7. Was the grading system clearly explained            0   0   0   0   0   2   8  4.80   160/1500  4.80  4.27  4.18 4.22  4.80
 8. How many times was class cancelled                  1   0   0   0   0   6   3  4.33  1217/1517  4.33  4.75  4.65 4.73  4.33
 9. How would you grade the overall teaching effectiveness 2 0  0   0   1   4   3  4.25   654/1497  4.25  4.10  4.11 4.21  4.25


                  Lecture
 1. Were the instructor's lectures well prepared        1   0   0   0   0   1   8  4.89   224/1440  4.89  4.58  4.45 4.48  4.89
 2. Did the instructor seem interested in the subject   1   0   0   0   0   1   8  4.89   548/1448  4.89  4.72  4.71 4.80  4.89
 3. Was lecture material presented and explained clearly 1  0   0   0   0   1   8  4.89   141/1436  4.89  4.40  4.29 4.37  4.89
 4. Did the lectures contribute to what you learned     1   0   0   0   1   1   7  4.67   454/1432  4.67  4.38  4.29 4.33  4.67
 5. Did audiovisual techniques enhance your understanding 1 0  2   0   2   2   3  3.44   933/1221  3.44  4.04  3.93 3.83  3.44


                  Discussion
 1. Did class discussions contribute to what you learned 2  0   1   1   2   1   3  3.50  1031/1280  3.50  3.85  4.10 4.24  3.50
 2. Were all students actively encouraged to participate 2  0   0   2   0   0   6  4.25   804/1277  4.25  4.31  4.34 4.52  4.25
 3. Did the instructor encourage fair and open discussion 2 0  1   0   1   2   4  4.00   875/1269  4.00  4.26  4.31 4.51  4.00
 4. Were special techniques successful                  2   5   1   0   0   1   1  3.33   726/ 854  3.33  3.97  4.02 4.08  3.33


                                 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    2     Major       8
 28-55      0       1.00-1.99    0        B    2
 56-83      0       2.00-2.99    0        C    0        General              0    Under-grad  8     Non-major   2
 84-150     0       3.00-3.49    0        D    0
 Grad.      2       3.50-4.00    2        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 610  0101            University of Maryland                          Page 1206
Title        QUANTUM ELECTRONICS            Baltimore County                            JUN 26, 2007
Instructor:  SHIH, YANHUA                   Spring 2007                                 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  0  0  4  5.00   1/1522  5.00  4.46  4.30  4.45  5.00
2. Did the instructor make clear the expected goals   0   0  0  0  0  2  2  4.50  545/1522  4.50  4.30  4.26  4.29  4.50
3. Did the exam questions reflect the expected goals  0   0  0  0  0  1  3  4.75  278/1285  4.75  4.45  4.30  4.31  4.75
4. Did other evaluations reflect the expected goals   0   0  0  0  0  1  3  4.75  226/1476  4.75  4.33  4.22  4.31  4.75
5. Did assigned readings contribute to what you learned 0  0  0  0  0  2  2  4.50  339/1412  4.50  4.02  4.06  4.25  4.50
6. Did written assignments contribute to what you learned 0 1 0  0  1  1  1  4.00  806/1381  4.00  4.25  4.08  4.25  4.00
7. Was the grading system clearly explained           0   0  0  1  1  0  2  3.75 1183/1500  3.75  4.27  4.18  4.22  3.75
8. How many times was class cancelled                 0   0  0  0  0  1  3  4.75  802/1517  4.75  4.75  4.65  4.73  4.75
9. How would you grade the overall teaching effectiveness 2 1 0 0  0  1  0  4.00  898/1497  4.00  4.10  4.11  4.21  4.00


              Lecture
1. Were the instructor's lectures well prepared       1   0  0  0  1  0  2  4.33  984/1440  4.33  4.58  4.45  4.48  4.33
2. Did the instructor seem interested in the subject  1   0  0  0  0  0  3  5.00    1/1448  5.00  4.72  4.71  4.80  5.00
3. Was lecture material presented and explained clearly 1  0  0  0  0  1  2  4.67  415/1436  4.67  4.40  4.29  4.37  4.67
4. Did the lectures contribute to what you learned    1   0  0  0  0  1  2  4.67  454/1432  4.67  4.38  4.29  4.33  4.67
5. Did audiovisual techniques enhance your understanding 1 0 0 0  1  0  2  4.33  408/1221  4.33  4.04  3.93  3.83  4.33


              Discussion
1. Did class discussions contribute to what you learned 0 0 0  0  0  0  4  5.00    1/1280  5.00  3.85  4.10  4.24  5.00
2. Were all students actively encouraged to participate 0 0 0  0  0  0  4  5.00    1/1277  5.00  4.31  4.34  4.52  5.00
3. Did the instructor encourage fair and open discussion 0 0 0 0  0  0  4  5.00    1/1269  5.00  4.26  4.31  4.51  5.00
4. Were special techniques successful                 0   1  0  0  2  0  1  3.67  625/ 854  3.67  3.97  4.02  4.08  3.67


                                   Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
----------------------------------------------------------------------------------------------------------
  00-27    1      0.00-0.99    1        A    2      Required for Majors   0    Graduate      1    Major       2
  28-55    0      1.00-1.99    0        B    0
  56-83    0      2.00-2.99    0        C    0      General               2    Under-grad    3    Non-major   2
  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    1      Other                 1
                                        ?    0
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Course-Section: PHYS 622  0101            University of Maryland                              Page 1207
Title        ATMOS PHYSICS II             Baltimore County                                   JUN 26, 2007
Instructor:  MCMILLAN, WALLA              Spring 2007                                         Job IRBR3029
Enrollment:      5
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  0  0  5  5.00    1/1522  5.00  4.46  4.30  4.45  5.00
2. Did the instructor make clear the expected goals    0  0  0  0  0  3  2  4.40  702/1522  4.40  4.30  4.26  4.29  4.40
3. Did the exam questions reflect the expected goals   0  2  0  0  0  1  2  4.67  366/1285  4.67  4.45  4.30  4.31  4.67
4. Did other evaluations reflect the expected goals    0  0  0  0  0  1  4  4.80  178/1476  4.80  4.33  4.22  4.31  4.80
5. Did assigned readings contribute to what you learned 0  0  0  0  0  3  2  4.40  430/1412  4.40  4.02  4.06  4.25  4.40
6. Did written assignments contribute to what you learned 0 0  0  0  0  3  2  4.40  434/1381  4.40  4.25  4.08  4.25  4.40
7. Was the grading system clearly explained            0  0  0  0  0  4  1  4.20  839/1500  4.20  4.27  4.18  4.22  4.20
8. How many times was class cancelled                  0  0  0  0  0  1  4  4.80  714/1517  4.80  4.75  4.65  4.73  4.80
9. How would you grade the overall teaching effectiveness 0 0 0  0  0  3  2  4.40  506/1497  4.40  4.10  4.11  4.21  4.40


                Lecture
1. Were the instructor's lectures well prepared        0  0  0  0  0  2  3  4.60  682/1440  4.60  4.58  4.45  4.48  4.60
2. Did the instructor seem interested in the subject   0  0  0  0  0  0  5  5.00    1/1448  5.00  4.72  4.71  4.80  5.00
3. Was lecture material presented and explained clearly 0 0  0  0  0  3  2  4.40  720/1436  4.40  4.40  4.29  4.37  4.40
4. Did the lectures contribute to what you learned     0  0  0  0  0  1  4  4.80  294/1432  4.80  4.38  4.29  4.33  4.80
5. Did audiovisual techniques enhance your understanding 0 0  0  0  0  2  3  4.60  213/1221  4.60  4.04  3.93  3.83  4.60


                Discussion
1. Did class discussions contribute to what you learned 0 0  0  0  0  2  3  4.60  324/1280  4.60  3.85  4.10  4.24  4.60
2. Were all students actively encouraged to participate 0 0  0  0  0  1  4  4.80  317/1277  4.80  4.31  4.34  4.52  4.80
3. Did the instructor encourage fair and open discussion 0 0 0  0  0  1  4  4.80  332/1269  4.80  4.26  4.31  4.51  4.80
4. Were special techniques successful                  0  4  0  0  0  0  1  5.00  ****/ 854  ****  3.97  4.02  4.08  ****


                              Frequency Distribution

Credits Earned         Cum. GPA         Expected Grades         Reasons              Type               Majors
------------------------------------------------------------------------------------------------------------------
  00-27     0       0.00-0.99    0        A    1        Required for Majors  0    Graduate     3     Major       1
  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   4
  84-150    1       3.00-3.49    0        D    0                                                      
  Grad.     3       3.50-4.00    1        F    0        Electives            2    #### - Means there are not enough
                                          P    0                                  responses to be significant
                                          I    0        Other                2
                                          ?    1
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Course-Section: PHYS 640  0101          University of Maryland                          Page 1208
Title      COMPUTATIONAL PHYSICS         Baltimore County                              JUN 26, 2007
Instructor:    LARY, DAVID J.            Spring 2007                                   Job IRBR3029
Enrollment:      14
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  4  7  4.64  462/1522  4.64  4.46  4.30  4.45  4.64
2. Did the instructor make clear the expected goals    0   0  0  2  0  4  5  4.09 1032/1522  4.09  4.30  4.26  4.29  4.09
3. Did the exam questions reflect the expected goals   1   2  0  1  0  2  5  4.38  674/1285  4.38  4.45  4.30  4.31  4.38
4. Did other evaluations reflect the expected goals    0   0  1  1  0  3  6  4.09  961/1476  4.09  4.33  4.22  4.31  4.09
5. Did assigned readings contribute to what you learned 1  1  0  1  1  3  4  4.11  688/1412  4.11  4.02  4.06  4.25  4.11
6. Did written assignments contribute to what you learned 0 2 1  0  1  4  3  3.89  953/1381  3.89  4.25  4.08  4.25  3.89
7. Was the grading system clearly explained            0   0  0  1  1  4  5  4.18  850/1500  4.18  4.27  4.18  4.22  4.18
8. How many times was class cancelled                  0   0  1  3  3  3  1  3.00 1506/1517  3.00  4.75  4.65  4.73  3.00
9. How would you grade the overall teaching effectiveness 4 1 0 1  1  3  1  3.67 1204/1497  3.67  4.10  4.11  4.21  3.67


              Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  5  6  4.55  751/1440  4.55  4.58  4.45  4.48  4.55
2. Did the instructor seem interested in the subject   0   0  0  0  0  1 10  4.91  494/1448  4.91  4.72  4.71  4.80  4.91
3. Was lecture material presented and explained clearly 0  0  0  0  1  3  7  4.55  551/1436  4.55  4.40  4.29  4.37  4.55
4. Did the lectures contribute to what you learned     0   0  1  2  1  1  6  3.82 1165/1432  3.82  4.38  4.29  4.33  3.82
5. Did audiovisual techniques enhance your understanding 0 0 1  0  2  4  4  3.91  695/1221  3.91  4.04  3.93  3.83  3.91


              Discussion
1. Did class discussions contribute to what you learned 4  0  0  0  1  3  3  4.29  566/1280  4.29  3.85  4.10  4.24  4.29
2. Were all students actively encouraged to participate 4  0  0  0  1  3  3  4.29  781/1277  4.29  4.31  4.34  4.52  4.29
3. Did the instructor encourage fair and open discussion 4 0 0  0  0  2  5  4.71  420/1269  4.71  4.26  4.31  4.51  4.71
4. Were special techniques successful                  4   1  0  1  1  1  3  4.00  426/ 854  4.00  3.97  4.02  4.08  4.00



              Laboratory
1. Did the lab increase understanding of the material  10  0  0  0  0  0  1  5.00 ****/ 215  ****  4.26  4.36  4.72  ****
2. Were you provided with adequate background information 10 0 0 0 0 0  1  5.00 ****/ 228  ****  4.32  4.35  4.39  ****
3. Were necessary materials available for lab activities 10 0 0 0 0  0  1  5.00 ****/ 217  ****  4.60  4.51  4.61  ****
4. Did the lab instructor provide assistance           10  0  0  0  0  0  1  5.00 ****/ 216  ****  4.40  4.42  4.76  ****
5. Were requirements for lab reports clearly specified 10  0  0  0  0  0  1  5.00 ****/ 205  ****  4.01  4.23  4.40  ****

              Seminar
1. Were assigned topics relevant to the announced theme 10 0 0  0  0  0  1  5.00 ****/  79  ****  ****  4.58  4.76  ****
2. Was the instructor available for individual attention 10 0 0 0 0  0  1  5.00 ****/  77  ****  ****  4.52  4.70  ****
3. Did research projects contribute to what you learned 10 0  0  0  0  0  1  5.00 ****/  65  ****  ****  4.49  4.71  ****
4. Did presentations contribute to what you learned    10  0  0  0  0  0  1  5.00 ****/  78  ****  ****  4.45  4.66  ****
5. Were criteria for grading made clear                10  0  0  0  0  0  1  5.00 ****/  80  ****  ****  4.11  4.38  ****

              Field Work
1. Did field experience contribute to what you learned  9  0  0  0  0  1  1  4.50 ****/  47  ****  ****  4.41  4.40  ****
2. Did you clearly understand your evaluation criteria  9  0  0  0  0  1  1  4.50 ****/  45  ****  ****  4.30  4.49  ****
3. Was the instructor available for consultation        9  0  0  1  0  0  1  3.50 ****/  39  ****  ****  4.40  4.78  ****
4. To what degree could you discuss your evaluations    9  0  0  1  0  0  1  3.50 ****/  35  ****  ****  4.31  4.71  ****
5. Did conferences help you carry out field activities  9  0  0  1  0  0  1  3.50 ****/  34  ****  ****  4.30  4.82  ****

              Self  Paced
1. Did self-paced system contribute to what you learned 10 0  0  0  0  0  1  5.00 ****/  37  ****  ****  4.63  4.82  ****
2. Did study questions make clear the expected goal    10  0  0  0  0  0  1  5.00 ****/  23  ****  ****  4.41  4.68  ****
3. Were your contacts with the instructor helpful      10  0  0  0  0  0  1  5.00 ****/  33  ****  ****  4.69  4.79  ****
4. Was the feedback/tutoring by proctors helpful       10  0  0  0  0  0  1  5.00 ****/  22  ****  ****  4.54  4.83  ****
5. Were there enough proctors for all the students     10  0  0  0  0  0  1  5.00 ****/  18  ****  ****  4.49  4.92  ****
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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	2	0.00-0.99	0	A	9	Required for Majors	1	Graduate	2	Major	3
28-55	0	1.00-1.99	0	B	2						
56-83	0	2.00-2.99	0	C	0	General	2	Under-grad	9	Non-major	8
84-150	0	3.00-3.49	2	D	0						
Grad.	2	3.50-4.00	3	F	0	Electives	1	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	5				
				?	0						

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Course-Section: PHYS 701  0101            University of Maryland                              Page 1209
Title      QUANTUM MECHANICS II           Baltimore County                                   JUN 26, 2007
Instructor:  FRANSON, JAMES               Spring 2007                                         Job IRBR3029
Enrollment:      5
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  0  1  4 4.80  246/1522  4.80  4.46 4.30 4.45  4.80
2. Did the instructor make clear the expected goals    0   0  0  0  0  2  3 4.60  432/1522  4.60  4.30 4.26 4.29  4.60
3. Did the exam questions reflect the expected goals   0   0  0  0  0  2  3 4.60  425/1285  4.60  4.45 4.30 4.31  4.60
4. Did other evaluations reflect the expected goals    0   1  0  0  0  1  3 4.75  226/1476  4.75  4.33 4.22 4.31  4.75
5. Did assigned readings contribute to what you learned 0  0  0  0  1  1  3 4.40  430/1412  4.40  4.02 4.06 4.25  4.40
6. Did written assignments contribute to what you learned 0 0  0  0  0  2  3 4.60  247/1381  4.60  4.25 4.08 4.25  4.60
7. Was the grading system clearly explained            0   1  0  0  0  2  2 4.50  483/1500  4.50  4.27 4.18 4.22  4.50
8. How many times was class cancelled                  0   0  0  0  0  0  5 5.00    1/1517  5.00  4.75 4.65 4.73  5.00
9. How would you grade the overall teaching effectiveness 2 0 0  0  0  2  1 4.33  573/1497  4.33  4.10 4.11 4.21  4.33


            Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  1  4 4.80  353/1440  4.80  4.58 4.45 4.48  4.80
2. Did the instructor seem interested in the subject   1   0  0  0  0  1  3 4.75  859/1448  4.75  4.72 4.71 4.80  4.75
3. Was lecture material presented and explained clearly 0  0  0  0  0  2  3 4.60  478/1436  4.60  4.40 4.29 4.37  4.60
4. Did the lectures contribute to what you learned     0   0  0  0  0  1  4 4.80  294/1432  4.80  4.38 4.29 4.33  4.80
5. Did audiovisual techniques enhance your understanding 0 3  0  1  1  0  0 2.50 1165/1221  2.50  4.04 3.93 3.83  2.50


            Discussion
1. Did class discussions contribute to what you learned 0  0  0  0  0  1  4 4.80  184/1280  4.80  3.85 4.10 4.24  4.80
2. Were all students actively encouraged to participate 0  0  0  0  0  0  5 5.00    1/1277  5.00  4.31 4.34 4.52  5.00
3. Did the instructor encourage fair and open discussion 0 0  0  0  1  0  4 4.60  509/1269  4.60  4.26 4.31 4.51  4.60
4. Were special techniques successful                  0   4  1  0  0  0  0 1.00 ****/ 854  ****  3.97 4.02 4.08  ****


                                    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     3      Major       5
  28-55     0      1.00-1.99  0        B    1
  56-83     0      2.00-2.99  0        C    0       General              0     Under-grad   2      Non-major   0
  84-150    0      3.00-3.49  0        D    0
  Grad.     3      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 731  0101            University of Maryland                        Page 1210
Title           ATMOS DYNAMICS            Baltimore County                              JUN 26, 2007
Instructor:     SPARLING, LYNN            Spring 2007                                   Job IRBR3029
Enrollment:     2
Questionnaires: 2                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  2  5.00    1/1522  5.00  4.46  4.30  4.45  5.00
2. Did the instructor make clear the expected goals   0   0   0  0  0  1  1  4.50  545/1522  4.50  4.30  4.26  4.29  4.50
3. Did the exam questions reflect the expected goals  0   1   0  0  0  0  1  5.00    1/1285  5.00  4.45  4.30  4.31  5.00
4. Did other evaluations reflect the expected goals   0   0   0  0  0  1  1  4.50  473/1476  4.50  4.33  4.22  4.31  4.50
5. Did assigned readings contribute to what you learned 0 0   0  0  0  1  1  4.50  339/1412  4.50  4.02  4.06  4.25  4.50
6. Did written assignments contribute to what you learned 0 0 0  0  0  1  1  4.50  331/1381  4.50  4.25  4.08  4.25  4.50
7. Was the grading system clearly explained           0   0   0  0  1  1  0  3.50 1298/1500  3.50  4.27  4.18  4.22  3.50
8. How many times was class cancelled                 0   0   0  0  0  0  2  5.00    1/1517  5.00  4.75  4.65  4.73  5.00
9. How would you grade the overall teaching effectiveness 1 0 0 0  0  0  1  5.00    1/1497  5.00  4.10  4.11  4.21  5.00


                Lecture
1. Were the instructor's lectures well prepared       0   0   0  0  0  0  2  5.00    1/1440  5.00  4.58  4.45  4.48  5.00
2. Did the instructor seem interested in the subject  0   0   0  0  1  0  1  4.00 1353/1448  4.00  4.72  4.71  4.80  4.00
3. Was lecture material presented and explained clearly 0 0   0  0  0  0  2  5.00    1/1436  5.00  4.40  4.29  4.37  5.00
4. Did the lectures contribute to what you learned    0   0   0  0  0  0  2  5.00    1/1432  5.00  4.38  4.29  4.33  5.00
5. Did audiovisual techniques enhance your understanding 0 0 0 0  0  2  0  4.00  606/1221  4.00  4.04  3.93  3.83  4.00


                Discussion
1. Did class discussions contribute to what you learned 1 0   0  0  0  0  1  5.00    1/1280  5.00  3.85  4.10  4.24  5.00
2. Were all students actively encouraged to participate 1 0   0  0  0  0  1  5.00    1/1277  5.00  4.31  4.34  4.52  5.00
3. Did the instructor encourage fair and open discussion 1 0  0  0  0  0  1  5.00    1/1269  5.00  4.26  4.31  4.51  5.00
4. Were special techniques successful                 1   0   0  0  0  0  1  5.00    1/ 854  5.00  3.97  4.02  4.08  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              2    Under-grad  1     Non-major   2
  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                0
                                        ?    0
```