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                                                     Frequencies      Instructor   Course Dept  UMBC Level  Sect
             Questions                      NR  NA  1  2  3  4   5   Mean    Rank    Mean  Mean  Mean  Mean  Mean
---------------------------------------------------------------------------------------------------------------------
             General
1. Did you gain new insights,skills from this course    0   0  1  2  1  7  11   4.14 1010/1509  3.86  3.96  4.31  4.34  4.14
2. Did the instructor make clear the expected goals     0   0  0  0  4  7  11   4.32  796/1509   3.85  3.98  4.26  4.32  4.32
3. Did the exam questions reflect the expected goals    0   0  1  0  3  5  13   4.32  728/1287   4.07  3.98  4.30  4.35  4.32
4. Did other evaluations reflect the expected goals     0   1  1  0  0  7  13   4.48  503/1459   3.88  3.94  4.22  4.30  4.48
5. Did assigned readings contribute to what you learned 0   3  3  0  5  4   7   3.63 1122/1406   3.44  3.62  4.09  4.09  3.63
6. Did written assignments contribute to what you learned 0 1  1  2  3  8   7   3.86  978/1384   3.47  3.87  4.11  4.09  3.86
7. Was the grading system clearly explained             0   0  0  1  2  6  13   4.41  597/1489   3.92  3.81  4.17  4.19  4.41
8. How many times was class cancelled                   1   0  0  0  1  9  11   4.48 1098/1506   4.61  4.70  4.67  4.61  4.48
9. How would you grade the overall teaching effectiveness 2 0  1  0  0  6  13   4.50  325/1463   3.60  3.78  4.09  4.08  4.50


             Lecture
1. Were the instructor's lectures well prepared         0   0  0  0  1  5  16   4.68  559/1438   3.90  4.27  4.46  4.48  4.68
2. Did the instructor seem interested in the subject    0   0  0  0  1  6  15   4.64 1049/1421   3.66  4.45  4.73  4.76  4.64
3. Was lecture material presented and explained clearly 0   0  0  0  1  7  14   4.59  508/1411   3.77  3.95  4.31  4.37  4.59
4. Did the lectures contribute to what you learned      0   0  0  1  2  3  16   4.55  596/1405   3.60  3.90  4.32  4.39  4.55
5. Did audiovisual techniques enhance your understanding 1  0  0  0  1  1  19   4.86   83/1236   4.29  3.78  4.00  4.11  4.86


             Discussion
1. Did class discussions contribute to what you learned 12  0  0  0  1  5   4   4.30  582/1260   3.66  3.57  4.14  4.19  4.30
2. Were all students actively encouraged to participate 12  0  1  0  0  2   7   4.40  665/1255   3.58  3.75  4.33  4.37  4.40
3. Did the instructor encourage fair and open discussion 12 0  1  0  0  3   6   4.30  792/1258   3.71  3.76  4.38  4.44  4.30
4. Were special techniques successful                   12  0  0  0  1  5   4   4.30  306/ 873   3.66  3.68  4.03  4.04  4.30


             Laboratory
1. Did the lab increase understanding of the material   19  0  0  0  1  2   0   3.67 ****/ 184   ****  4.34  4.16  4.54  ****
2. Were you provided with adequate background information 19 0 0  0  0  2   1   4.33 ****/ 198   ****  3.89  4.22  4.51  ****
3. Were necessary materials available for lab activities 19 0  0  0  1  1   1   4.00 ****/ 184   ****  4.40  4.48  4.62  ****
4. Did the lab instructor provide assistance            19  0  0  1  0  2   0   3.33 ****/ 177   ****  3.87  4.36  4.65  ****
5. Were requirements for lab reports clearly specified  19  0  0  1  1  1   0   3.00 ****/ 165   ****  3.77  4.18  4.56  ****


             Seminar
1. Were assigned topics relevant to the announced theme 21  0  0  0  0  0   1   5.00 ****/  89   ****  ****  4.49  5.00  ****
2. Was the instructor available for individual attention 21 0  0  0  0  0   1   5.00 ****/  92   ****  ****  4.54  ****  ****
3. Did research projects contribute to what you learned 21  0  0  0  0  0   1   5.00 ****/  90   ****  ****  4.50  ****  ****
4. Did presentations contribute to what you learned     21  0  0  0  0  0   1   5.00 ****/  92   ****  ****  4.38  4.00  ****
5. Were criteria for grading made clear                 21  0  0  0  0  0   1   5.00 ****/  93   ****  ****  4.06  2.88  ****
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Frequency Distribution

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Credits Earned        Cum. GPA        Expected Grades        Reasons                    Type              Majors
-----------------------------------------------------------------------------------------------------------------------
 00-27      1      0.00-0.99   0       A   14        Required for Majors  19     Graduate     0      Major       16
 28-55      0      1.00-1.99   0       B    5                                                                    
 56-83      0      2.00-2.99   0       C    1        General               0     Under-grad  22      Non-major    6
 84-150     3      3.00-3.49   3       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                 0
                                       ?    0
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Course-Section: ENME 204  3                      University of Maryland                            Page  729
Title           Intro Engr Design W/ C           Baltimore County                                 MAR 22, 2010
Instructor:     Spence,Anne M                    Fall   2009                                       Job IRBR3029
Enrollment:     17
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   1   1   2   3   4  3.73 1314/1509  3.86  3.96  4.31  4.34  3.73
2. Did the instructor make clear the expected goals    0   0   0   2   5   2   2  3.36 1412/1509  3.85  3.98  4.26  4.32  3.36
3. Did the exam questions reflect the expected goals   0   0   1   0   0   5   5  4.18  832/1287  4.07  3.98  4.30  4.35  4.18
4. Did other evaluations reflect the expected goals    0   1   1   1   2   3   3  3.60 1271/1459  3.88  3.94  4.22  4.30  3.60
5. Did assigned readings contribute to what you learned 0  0   2   2   2   2   3  3.18 1303/1406  3.44  3.62  4.09  4.09  3.18
6. Did written assignments contribute to what you learned 0 4  2   2   0   2   1  2.71 1364/1384  3.47  3.87  4.11  4.09  2.71
7. Was the grading system clearly explained            0   1   1   1   3   2   3  3.50 1303/1489  3.92  3.81  4.17  4.19  3.50
8. How many times was class cancelled                  0   0   0   0   1   2   8  4.64  965/1506  4.61  4.70  4.67  4.61  4.64
9. How would you grade the overall teaching effectiveness 4 0  0   2   1   4   0  3.29 1329/1463  3.60  3.78  4.09  4.08  3.29


                 Lecture
1. Were the instructor's lectures well prepared        3   0   0   1   4   0   3  3.63 1353/1438  3.90  4.27  4.46  4.48  3.63
2. Did the instructor seem interested in the subject   2   0   0   1   4   2   2  3.56 1394/1421  3.66  4.45  4.73  4.76  3.56
3. Was lecture material presented and explained clearly 2  0   1   1   3   2   2  3.33 1320/1411  3.77  3.95  4.31  4.37  3.33
4. Did the lectures contribute to what you learned     3   0   1   1   3   1   2  3.25 1321/1405  3.60  3.90  4.32  4.39  3.25
5. Did audiovisual techniques enhance your understanding 3 0  0   1   3   1   3  3.75  853/1236  4.29  3.78  4.00  4.11  3.75


                 Discussion
1. Did class discussions contribute to what you learned 5  0   0   0   3   2   1  3.67  982/1260  3.66  3.57  4.14  4.19  3.67
2. Were all students actively encouraged to participate 5  0   1   0   2   2   1  3.33 1167/1255  3.58  3.75  4.33  4.37  3.33
3. Did the instructor encourage fair and open discussion 5 0  0   1   2   0   3  3.83 1041/1258  3.71  3.76  4.38  4.44  3.83
4. Were special techniques successful                  5   3   0   1   0   1   1  3.67  650/ 873  3.66  3.68  4.03  4.04  3.67


                 Laboratory
1. Did the lab increase understanding of the material  9   0   0   2   0   0   0  2.00 ****/ 184  ****  4.34  4.16  4.54  ****
2. Were you provided with adequate background information 9 0  0   1   0   1   0  3.00 ****/ 198  ****  3.89  4.22  4.51  ****
3. Were necessary materials available for lab activities 9 0  0   0   0   2   0  4.00 ****/ 184  ****  4.40  4.48  4.62  ****
4. Did the lab instructor provide assistance           9   0   0   1   1   0   0  2.50 ****/ 177  ****  3.87  4.36  4.65  ****
5. Were requirements for lab reports clearly specified  9  0   0   1   0   1   0  3.00 ****/ 165  ****  3.77  4.18  4.56  ****
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                              Frequency Distribution

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Credits Earned        Cum. GPA         Expected Grades         Reasons                 Type                    Majors
------------------------------------------------------------------------------------------------------------------------
00-27     1       0.00-0.99   0        A   7          Required for Majors  9     Graduate     0        Major        8
28-55     0       1.00-1.99   0        B   2
56-83     0       2.00-2.99   0        C   1          General              0     Under-grad  11        Non-major    3
84-150    1       3.00-3.49   2        D   0
Grad.     0       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
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Questionnaires: 7   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   2   0   0   1   4  3.71 1317/1509  3.86  3.96  4.31  4.34  3.71
2. Did the instructor make clear the expected goals    0   0   1   1   0   1   4  3.86 1196/1509  3.85  3.98  4.26  4.32  3.86
3. Did the exam questions reflect the expected goals   0   0   1   0   1   3   2  3.71 1104/1287  4.07  3.98  4.30  4.35  3.71
4. Did other evaluations reflect the expected goals    0   0   1   0   2   2   2  3.57 1283/1459  3.88  3.94  4.22  4.30  3.57
5. Did assigned readings contribute to what you learned 0  1   1   0   2   1   2  3.50 1178/1406  3.44  3.62  4.09  4.09  3.50
6. Did written assignments contribute to what you learned 0 1  1   0   1   1   3  3.83  993/1384  3.47  3.87  4.11  4.09  3.83
7. Was the grading system clearly explained            0   0   1   1   0   1   4  3.86 1141/1489  3.92  3.81  4.17  4.19  3.86
8. How many times was class cancelled                  0   0   0   0   0   2   5  4.71  896/1506  4.61  4.70  4.67  4.61  4.71
9. How would you grade the overall teaching effectiveness 2 0 0   2   2   0   1  3.00 1392/1463  3.60  3.78  4.09  4.08  3.00

                Lecture
1. Were the instructor's lectures well prepared        2   0   1   0   1   2   1  3.40 1381/1438  3.90  4.27  4.46  4.48  3.40
2. Did the instructor seem interested in the subject   2   0   1   1   2   0   1  2.80 1416/1421  3.66  4.45  4.73  4.76  2.80
3. Was lecture material presented and explained clearly 2  0   0   0   4   0   1  3.40 1309/1411  3.77  3.95  4.31  4.37  3.40
4. Did the lectures contribute to what you learned     2   0   1   1   1   1   1  3.00 1348/1405  3.60  3.90  4.32  4.39  3.00
5. Did audiovisual techniques enhance your understanding 2 1  0   0   1   1   2  4.25  489/1236  4.29  3.78  4.00  4.11  4.25

                Discussion
1. Did class discussions contribute to what you learned 4  0   1   0   1   0   1  3.00 1162/1260  3.66  3.57  4.14  4.19  3.00
2. Were all students actively encouraged to participate 4  0   1   0   1   0   1  3.00 1202/1255  3.58  3.75  4.33  4.37  3.00
3. Did the instructor encourage fair and open discussion 4 0  1   0   1   0   1  3.00 1222/1258  3.71  3.76  4.38  4.44  3.00
4. Were special techniques successful                  4   1   1   0   0   0   1  3.00  801/ 873  3.66  3.68  4.03  4.04  3.00

                Laboratory
1. Did the lab increase understanding of the material  6   0   0   0   1   0   0  3.00 ****/ 184  ****  4.34  4.16  4.54  ****
2. Were you provided with adequate background information 6 0  0   0   1   0   0  3.00 ****/ 198  ****  3.89  4.22  4.51  ****
3. Were necessary materials available for lab activities 6 0  0   0   1   0   0  3.00 ****/ 184  ****  4.40  4.48  4.62  ****
4. Did the lab instructor provide assistance           6   0   0   0   1   0   0  3.00 ****/ 177  ****  3.87  4.36  4.65  ****
5. Were requirements for lab reports clearly specified  6  0   0   0   1   0   0  3.00 ****/ 165  ****  3.77  4.18  4.56  ****
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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   6      Required for Majors   6    Graduate      0      Major        6
28-55      0      1.00-1.99      0      B   1
56-83      0      2.00-2.99      0      C   0      General               0    Under-grad    7      Non-major    1
84-150     2      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                 0
                                       ?   0
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Course-Section: ENME 220  1                  University of Maryland                              Page  731
Title       Mechanics Of Materials               Baltimore County                               MAR 22, 2010
Instructor:   Irvine,David E                      Fall   2009                                    Job IRBR3029
Enrollment:     78
Questionnaires: 70                   Student Course Evaluation Questionnaire


                                              Frequencies      Instructor   Course Dept  UMBC Level  Sect
                Questions               NR  NA  1  2  3  4  5  Mean    Rank   Mean  Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course  1   0  0  1  6 17 45  4.54  563/1509  4.43  3.96  4.31 4.34  4.54
2. Did the instructor make clear the expected goals   1   0  0  2 14 20 33  4.22  901/1509  4.24  3.98  4.26 4.32  4.22
3. Did the exam questions reflect the expected goals  1   0  0  0  4 16 49  4.65  370/1287  4.49  3.98  4.30 4.35  4.65
4. Did other evaluations reflect the expected goals   1  26  0  1  3 19 20  4.35  676/1459  4.32  3.94  4.22 4.30  4.35
5. Did assigned readings contribute to what you learned 1  21  0  1 11 14 22  4.19  665/1406  4.09  3.62  4.09 4.09  4.19
6. Did written assignments contribute to what you learned 1 22  0  0  4 15 28  4.51  341/1384  4.41  3.87  4.11 4.09  4.51
7. Was the grading system clearly explained           1   0  0  0  9 18 42  4.48  499/1489  4.31  3.81  4.17 4.19  4.48
8. How many times was class cancelled                 1   1  0  0  0 23 45  4.66  941/1506  4.53  4.70  4.67 4.61  4.66
9. How would you grade the overall teaching effectiveness 11 1  1  1 13 28 15  3.95  931/1463  3.84  3.78  4.09 4.08  3.95


                Lecture
1. Were the instructor's lectures well prepared       1   0  0  5  9 26 29  4.14 1147/1438  4.21  4.27  4.46 4.48  4.14
2. Did the instructor seem interested in the subject  1   0  0  0  1 10 58  4.83  742/1421  4.71  4.45  4.73 4.76  4.83
3. Was lecture material presented and explained clearly 1  0  5  4 19 25 16  3.62 1249/1411  3.84  3.95  4.31 4.37  3.62
4. Did the lectures contribute to what you learned    1   1  5 10 12 18 23  3.65 1227/1405  3.76  3.90  4.32 4.39  3.65
5. Did audiovisual techniques enhance your understanding 3 23  1  5 19  7 12  3.55  964/1236  3.91  3.78  4.00 4.11  3.55


                Discussion
1. Did class discussions contribute to what you learned 68 0  0  0  0  1  1  4.50 ****/1260  ****  3.57  4.14 4.19  ****
2. Were all students actively encouraged to participate 67 0  0  0  1  0  2  4.33 ****/1255  ****  3.75  4.33 4.37  ****
3. Did the instructor encourage fair and open discussion 67 0  1  0  0  0  2  3.67 ****/1258  ****  3.76  4.38 4.44  ****
4. Were special techniques successful                 67   1  0  0  1  0  1  4.00 ****/ 873  ****  3.68  4.03 4.04  ****


                Laboratory
1. Did the lab increase understanding of the material 69   0  0  0  0  0  1  5.00 ****/ 184  ****  4.34  4.16 4.54  ****
2. Were you provided with adequate background information 69 0  0  0  0  0  1  5.00 ****/ 198  ****  3.89  4.22 4.51  ****
3. Were necessary materials available for lab activities 69 0  0  0  0  0  1  5.00 ****/ 184  ****  4.40  4.48 4.62  ****
4. Did the lab instructor provide assistance          69   0  0  0  0  0  1  5.00 ****/ 177  ****  3.87  4.36 4.65  ****
5. Were requirements for lab reports clearly specified 69  0  0  0  0  0  1  5.00 ****/ 165  ****  3.77  4.18 4.56  ****


                Seminar
1. Were assigned topics relevant to the announced theme 69 0  0  0  0  0  1  5.00 ****/  89  ****  ****  4.49 5.00  ****
2. Was the instructor available for individual attention 69 0  0  0  0  0  1  5.00 ****/  92  ****  ****  4.54 ****  ****
3. Did research projects contribute to what you learned 69 0  0  0  0  0  1  5.00 ****/  90  ****  ****  4.50 ****  ****
4. Did presentations contribute to what you learned   69   0  0  0  0  0  1  5.00 ****/  92  ****  ****  4.38 4.00  ****
5. Were criteria for grading made clear               69   0  0  0  0  0  1  5.00 ****/  93  ****  ****  4.06 2.88  ****


                Field Work
1. Did field experience contribute to what you learned 69  0  0  0  0  0  1  5.00 ****/  48  ****  ****  4.39 4.79  ****
2. Did you clearly understand your evaluation criteria 69  0  0  0  0  0  1  5.00 ****/  48  ****  ****  4.41 4.50  ****
3. Was the instructor available for consultation      69   0  0  0  0  0  1  5.00 ****/  47  ****  ****  4.51 4.83  ****
4. To what degree could you discuss your evaluations  69   0  0  0  0  0  1  5.00 ****/  47  ****  ****  4.18 4.56  ****
5. Did conferences help you carry out field activities 69  0  0  0  0  0  1  5.00 ****/  44  ****  ****  4.32 4.67  ****


                Self  Paced
1. Did self-paced system contribute to what you learned 69 0  0  0  0  0  1  5.00 ****/  49  ****  ****  4.26 4.33  ****
2. Did study questions make clear the expected goal   69   0  0  0  0  0  1  5.00 ****/  41  ****  ****  4.14 ****  ****
3. Were your contacts with the instructor helpful     69   0  0  0  0  0  1  5.00 ****/  46  ****  ****  4.31 4.00  ****
4. Was the feedback/tutoring by proctors helpful      69   0  0  0  0  0  1  5.00 ****/  37  ****  ****  4.05 ****  ****
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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	19	Required for Majors	63	Graduate	0	Major	62
28-55	18	1.00-1.99	0	B	33						
56-83	5	2.00-2.99	16	C	13	General	0	Under-grad	70	Non-major	8
84-150	4	3.00-3.49	11	D	0						
Grad.	0	3.50-4.00	11	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	0				
				?	0						

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Course-Section: ENME 220  2                      University of Maryland                              Page  732
Title          Mechanics Of Materials            Baltimore County                                   MAR 22, 2010
Instructor:    Tshibangu,Wa-Mu                   Fall   2009                                        Job IRBR3029
Enrollment:    23
Questionnaires: 15                        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  2  6   7  4.33  800/1509  4.43 3.96  4.31 4.34  4.33
2. Did the instructor make clear the expected goals     0   0  0  0  2  7   6  4.27  849/1509  4.24 3.98  4.26 4.32  4.27
3. Did the exam questions reflect the expected goals    0   0  0  0  3  4   8  4.33  708/1287  4.49 3.98  4.30 4.35  4.33
4. Did other evaluations reflect the expected goals     0   5  0  0  2  3   5  4.30  715/1459  4.32 3.94  4.22 4.30  4.30
5. Did assigned readings contribute to what you learned 0   2  0  0  5  3   5  4.00  813/1406  4.09 3.62  4.09 4.09  4.00
6. Did written assignments contribute to what you learned 0 2  0  0  2  5   6  4.31  570/1384  4.41 3.87  4.11 4.09  4.31
7. Was the grading system clearly explained             0   0  0  1  3  4   7  4.13  885/1489  4.31 3.81  4.17 4.19  4.13
8. How many times was class cancelled                   0   0  0  0  0  9   6  4.40 1166/1506  4.53 4.70  4.67 4.61  4.40
9. How would you grade the overall teaching effectiveness 4 0  0  0  4  6   1  3.73 1125/1463  3.84 3.78  4.09 4.08  3.73


                 Lecture
1. Were the instructor's lectures well prepared         0   0  0  1  1  6   7  4.27 1063/1438  4.21 4.27  4.46 4.48  4.27
2. Did the instructor seem interested in the subject    0   0  0  0  1  4  10  4.60 1084/1421  4.71 4.45  4.73 4.76  4.60
3. Was lecture material presented and explained clearly 0   0  0  0  5  4   6  4.07 1020/1411  3.84 3.95  4.31 4.37  4.07
4. Did the lectures contribute to what you learned      0   0  0  1  5  4   5  3.87 1150/1405  3.76 3.90  4.32 4.39  3.87
5. Did audiovisual techniques enhance your understanding 0  0  0  0  2  7   6  4.27  481/1236  3.91 3.78  4.00 4.11  4.27


                 Discussion
1. Did class discussions contribute to what you learned 12  0  1  0  0  1   1  3.33 ****/1260  **** 3.57  4.14 4.19  ****
2. Were all students actively encouraged to participate 12  0  0  0  2  0   1  3.67 ****/1255  **** 3.75  4.33 4.37  ****
3. Did the instructor encourage fair and open discussion 12 0  0  0  1  1   1  4.00 ****/1258  **** 3.76  4.38 4.44  ****
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Frequency Distribution

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Credits Earned        Cum. GPA        Expected Grades        Reasons                Type                   Majors
----------------------------------------------------------------------------------------------------------------------
00-27       1     0.00-0.99   1     A    3      Required for Majors  13     Graduate     0      Major       12
28-55       3     1.00-1.99   0     B   10
56-83       4     2.00-2.99   7     C    0      General               0     Under-grad  15      Non-major    3
84-150      2     3.00-3.49   0     D    0
Grad.       0     3.50-4.00   2     F    0      Electives             0     #### - Means there are not enough
                                    P    0                                  responses to be significant
                                    I    0      Other                 0
                                    ?    0
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Course-Section: ENME 301  1                    University of Maryland                                    Page  733
Title          Struct/Prop:Engr Mater          Baltimore County                                         MAR 22, 2010
Instructor:    Topoleski,L D                    Fall   2009                                              Job IRBR3029
Enrollment:    56
Questionnaires: 25                   Student Course Evaluation Questionnaire

                                             Frequencies          Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA   1   2   3   4   5  Mean    Rank    Mean  Mean  Mean  Mean  Mean
-------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   2   0   0   1   2  10  10  4.26  872/1509  4.26  3.96  4.31  4.32  4.26
2. Did the instructor make clear the expected goals    2   0   0   3   6   5   9  3.87 1189/1509  3.87  3.98  4.26  4.25  3.87
3. Did the exam questions reflect the expected goals   2   0   1   1   8   8   5  3.65 1121/1287  3.65  3.98  4.30  4.33  3.65
4. Did other evaluations reflect the expected goals    2   9   1   0   2   5   6  4.07  931/1459  4.07  3.94  4.22  4.26  4.07
5. Did assigned readings contribute to what you learned 4  2   1   0   3   5  10  4.21  635/1406  4.21  3.62  4.09  4.12  4.21
6. Did written assignments contribute to what you learned 4 7 2   1   0   3   8  4.00  807/1384  4.00  3.87  4.11  4.15  4.00
7. Was the grading system clearly explained            4   0   0   1   3   6  11  4.29  728/1489  4.29  3.81  4.17  4.14  4.29
8. How many times was class cancelled                  4   0   0   0   0   0  21  5.00    1/1506  5.00  4.70  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 3 1 0  1   5   9   6  3.95  918/1463  3.95  3.78  4.09  4.08  3.95


                 Lecture
1. Were the instructor's lectures well prepared        6   0   1   1   2   4  11  4.21 1102/1438  4.21  4.27  4.46  4.43  4.21
2. Did the instructor seem interested in the subject   6   0   0   0   4   1  14  4.53 1146/1421  4.53  4.45  4.73  4.73  4.53
3. Was lecture material presented and explained clearly 6  0   1   1   5   4   8  3.89 1149/1411  3.89  3.95  4.31  4.29  3.89
4. Did the lectures contribute to what you learned     6   0   0   1   5   4   9  4.11 1001/1405  4.11  3.90  4.32  4.32  4.11
5. Did audiovisual techniques enhance your understanding 7 8 3   0   2   2   3  3.20 1088/1236  3.20  3.78  4.00  4.07  3.20


                 Discussion
1. Did class discussions contribute to what you learned 23 0  0   1   1   0   0  2.50 ****/1260  ****  3.57  4.14  4.22  ****
2. Were all students actively encouraged to participate 23 0  0   1   1   0   0  2.50 ****/1255  ****  3.75  4.33  4.37  ****
3. Did the instructor encourage fair and open discussion 23 0 0  1   1   0   0  2.50 ****/1258  ****  3.76  4.38  4.42  ****
4. Were special techniques successful                  22   1   1   0   1   0   0  2.00 ****/ 873  ****  3.68  4.03  4.08  ****

                                        Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades            Reasons                    Type                    Majors
-------------------------------------------------------------------------------------------------------------------------------
 00-27     0        0.00-0.99    0        A    5          Required for Majors  18        Graduate     0        Major      14
 28-55     0        1.00-1.99    0        B    8                                                                      
 56-83     5        2.00-2.99    3        C    5          General               0        Under-grad  25        Non-major  11
 84-150    5        3.00-3.49    4        D    0                                                                      
 Grad.     0        3.50-4.00    4        F    0          Electives             0        #### - Means there are not enough
                                          P    0                                         responses to be significant
                                          I    0          Other                 0
                                          ?    0
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Course-Section: ENME 301H 2            University of Maryland                           Page  734
Title          Honors Struct/Prop:Eng   Baltimore County                               MAR 22, 2010
Instructor:    Topoleski,L D            Fall   2009                                     Job IRBR3029
Enrollment:    12
Questionnaires:  3             Student Course Evaluation Questionnaire


                                           Frequencies        Instructor   Course Dept  UMBC Level  Sect
                Questions                NR  NA  1  2  3  4  5 Mean    Rank   Mean Mean  Mean Mean  Mean
          -------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course   0   0  0  1  0  0  2 4.00 1114/1509 4.00 3.96 4.31 4.32 4.00
2. Did the instructor make clear the expected goals    0   0  0  0  0  1  2 4.67  356/1509 4.67 3.98 4.26 4.25 4.67
3. Did the exam questions reflect the expected goals   0   0  0  0  0  2  1 4.33  708/1287 4.33 3.98 4.30 4.33 4.33
4. Did other evaluations reflect the expected goals    0   1  0  0  0  0  2 5.00    1/1459 5.00 3.94 4.22 4.26 5.00
5. Did assigned readings contribute to what you learned 0  0  0  0  0  0  3 5.00    1/1406 5.00 3.62 4.09 4.12 5.00
6. Did written assignments contribute to what you learned 0 0 0 0 1 0  2 4.33  531/1384 4.33 3.87 4.11 4.15 4.33
7. Was the grading system clearly explained            0   0  0  0  0  1  2 4.67  276/1489 4.67 3.81 4.17 4.14 4.67
8. How many times was class cancelled                  0   0  0  0  0  1  2 4.67  941/1506 4.67 4.70 4.67 4.67 4.67
9. How would you grade the overall teaching effectiveness 1 0 0 0 0 1  1 4.50  325/1463 4.50 3.78 4.09 4.08 4.50


                Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  0  3 5.00    1/1438 5.00 4.27 4.46 4.43 5.00
2. Did the instructor seem interested in the subject   0   0  0  0  0  0  3 5.00    1/1421 5.00 4.45 4.73 4.73 5.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  0  3 5.00    1/1411 5.00 3.95 4.31 4.29 5.00
4. Did the lectures contribute to what you learned     0   0  0  0  0  0  3 5.00    1/1405 5.00 3.90 4.32 4.32 5.00
5. Did audiovisual techniques enhance your understanding 0 2 0 0 1 0  0 3.00 1131/1236 3.00 3.78 4.00 4.07 3.00


                Discussion
1. Did class discussions contribute to what you learned 1 0 0 0 0 1  1 4.50  415/1260 4.50 3.57 4.14 4.22 4.50
2. Were all students actively encouraged to participate 1 0 0 0 0 0  2 5.00    1/1255 5.00 3.75 4.33 4.37 5.00
3. Did the instructor encourage fair and open discussion 1 0 0 0 0 0  2 5.00    1/1258 5.00 3.76 4.38 4.42 5.00

                                   Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
-------------------------------------------------------------------------------------------------------------
 00-27      0      0.00-0.99    0     A    0      Required for Majors   3    Graduate     0    Major       3
 28-55      0      1.00-1.99    0     B    3
 56-83      1      2.00-2.99    0     C    0      General               0    Under-grad   3    Non-major   0
 84-150     1      3.00-3.49    1     D    0
 Grad.      0      3.50-4.00    1     F    0      Electives             0    #### - Means there are not enough
                                      P    0                                responses to be significant
                                      I    0      Other                 0
                                      ?    0
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Course-Section: ENME 303  1                    University of Maryland                          Page  735
Title          Topics In Engineer Mat          Baltimore County                               MAR 22, 2010
Instructor:    Vonkerczek,Chri                 Fall   2009                                    Job IRBR3029
Enrollment:      67
Questionnaires:   4                      Student Course Evaluation Questionnaire
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                                                  Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions                 NR  NA   1   2   3   4   5  Mean    Rank    Mean  Mean  Mean Mean  Mean
-----------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course    0   0   0   0   1   2   1  4.00 1114/1509  3.91  3.96  4.31 4.32  4.00
2. Did the instructor make clear the expected goals     0   0   0   0   2   1   1  3.75 1259/1509  4.01  3.98  4.26 4.25  3.75
3. Did the exam questions reflect the expected goals    0   1   0   0   1   2   0  3.67 1118/1287  4.05  3.98  4.30 4.33  3.67
4. Did other evaluations reflect the expected goals     0   1   0   1   0   2   0  3.33 1367/1459  4.03  3.94  4.22 4.26  3.33
5. Did assigned readings contribute to what you learned 0   0   1   1   0   2   0  2.75 1373/1406  4.25  3.62  4.09 4.12  2.75
6. Did written assignments contribute to what you learned 0 1   0   0   1   2   0  3.67 1107/1384  4.02  3.87  4.11 4.15  3.67
7. Was the grading system clearly explained             0   0   0   0   3   0   1  3.50 1303/1489  3.86  3.81  4.17 4.14  3.50
8. How many times was class cancelled                   0   0   0   0   0   2   2  4.50 1070/1506  4.63  4.70  4.67 4.67  4.50
9. How would you grade the overall teaching effectiveness 0 0   0   0   3   1   0  3.25 1338/1463  3.59  3.78  4.09 4.08  3.25

                 Lecture
1. Were the instructor's lectures well prepared         2   0   0   0   1   0   1  4.00 1203/1438  4.13  4.27  4.46 4.43  4.00
2. Did the instructor seem interested in the subject    2   0   0   0   1   0   1  4.00 1345/1421  4.23  4.45  4.73 4.73  4.00
3. Was lecture material presented and explained clearly 2   0   0   0   1   0   1  4.00 1051/1411  3.76  3.95  4.31 4.29  4.00
4. Did the lectures contribute to what you learned      2   0   0   0   1   1   0  3.50 1265/1405  3.91  3.90  4.32 4.32  3.50
5. Did audiovisual techniques enhance your understanding 2  0   0   0   1   1   0  3.50  984/1236  4.00  3.78  4.00 4.07  3.50

                 Discussion
1. Did class discussions contribute to what you learned 2   0   0   0   1   0   1  4.00  746/1260  3.90  3.57  4.14 4.22  4.00
2. Were all students actively encouraged to participate 2   0   0   0   1   1   0  3.50 1127/1255  3.59  3.75  4.33 4.37  3.50
3. Did the instructor encourage fair and open discussion 2  0   0   0   1   1   0  3.50 1143/1258  3.59  3.76  4.38 4.42  3.50
4. Were special techniques successful                   2   0   0   0   1   1   0  3.50  705/ 873  4.25  3.68  4.03 4.08  3.50

                 Laboratory
1. Did the lab increase understanding of the material   2   0   0   0   0   1   1  4.50   47/ 184  4.25  4.34  4.16 4.07  4.50
2. Were you provided with adequate background information 2  0   0   0   1   0   1  4.00  123/ 198  4.00  3.89  4.22 4.17  4.00
3. Were necessary materials available for lab activities 2  0   0   0   0   1   1  4.50  105/ 184  4.75  4.40  4.48 4.52  4.50
4. Did the lab instructor provide assistance            2   0   0   0   1   1   0  3.50  163/ 177  4.25  3.87  4.36 4.30  3.50
5. Were requirements for lab reports clearly specified  2   0   0   0   1   1   0  3.50  141/ 165  3.75  3.77  4.18 4.11  3.50

                                        Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades          Reasons              Type                Majors
-----------------------------------------------------------------------------------------------------------------
 00-27       0       0.00-0.99     0       A    3       Required for Majors   4     Graduate      0      Major      3
 28-55       0       1.00-1.99     0       B    1
 56-83       1       2.00-2.99     0       C    0       General               0     Under-grad    4      Non-major  1
 84-150      2       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                 0
                                           ?    0
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Course-Section: ENME 303  2                  University of Maryland                          Page  736
Title         Topics In Engineer Mat          Baltimore County                           MAR 22, 2010
Instructor:   Vonkerczek,Chri                 Fall  2009                                  Job IRBR3029
Enrollment:   33
Questionnaires: 25                    Student Course Evaluation Questionnaire


                                          Frequencies      Instructor   Course Dept  UMBC Level  Sect
             Questions                 NR  NA  1  2  3  4  5  Mean    Rank      Mean  Mean  Mean  Mean  Mean
-----------------------------------------------------------------------------------------------------------
             General
1. Did you gain new insights,skills from this course    2   0  1  0  8  4 10  3.96 1164/1509  3.91  3.96  4.31  4.32  3.96
2. Did the instructor make clear the expected goals     2   0  0  2  6  6  9  3.96 1125/1509  4.01  3.98  4.26  4.25  3.96
3. Did the exam questions reflect the expected goals    3   0  0  0  2  6 14  4.55  481/1287  4.05  3.98  4.30  4.33  4.55
4. Did other evaluations reflect the expected goals     2  11  0  0  2  5  5  4.25  770/1459  4.03  3.94  4.22  4.26  4.25
5. Did assigned readings contribute to what you learned 2   3  1  0  4  3 12  4.25  587/1406  4.25  3.62  4.09  4.12  4.25
6. Did written assignments contribute to what you learned 2 13  0  0  1  4  5  4.40  440/1384  4.02  3.87  4.11  4.15  4.40
7. Was the grading system clearly explained             2   0  0  0  3 11  9  4.26  749/1489  3.86  3.81  4.17  4.14  4.26
8. How many times was class cancelled                   2   1  0  0  0 14  8  4.36 1188/1506  4.63  4.70  4.67  4.67  4.36
9. How would you grade the overall teaching effectiveness 7  0  0  3  8  3  4  3.44 1273/1463  3.59  3.78  4.09  4.08  3.44


             Lecture
1. Were the instructor's lectures well prepared         5   0  0  0  4  8  8  4.20 1116/1438  4.13  4.27  4.46  4.43  4.20
2. Did the instructor seem interested in the subject    4   0  0  0  3  3 15  4.57 1107/1421  4.23  4.45  4.73  4.73  4.57
3. Was lecture material presented and explained clearly 4   0  0  6  6  4  5  3.38 1312/1411  3.76  3.95  4.31  4.29  3.38
4. Did the lectures contribute to what you learned      4   0  2  0  7  3  9  3.81 1177/1405  3.91  3.90  4.32  4.32  3.81
5. Did audiovisual techniques enhance your understanding 5  9  1  0  4  1  5  3.82  819/1236  4.00  3.78  4.00  4.07  3.82


             Discussion
1. Did class discussions contribute to what you learned 12  0  1  2  2  4  4  3.62 1006/1260  3.90  3.57  4.14  4.22  3.62
2. Were all students actively encouraged to participate 12  0  4  2  3  0  4  2.85 1227/1255  3.59  3.75  4.33  4.37  2.85
3. Did the instructor encourage fair and open discussion 12 0  4  2  3  0  4  2.85 1241/1258  3.59  3.76  4.38  4.42  2.85
4. Were special techniques successful                   13  8  0  1  0  0  3  4.25 ****/ 873  4.25  3.68  4.03  4.08  ****


             Laboratory
1. Did the lab increase understanding of the material   21  0  0  0  0  3  1  4.25 ****/ 184  4.25  4.34  4.16  4.07  ****
2. Were you provided with adequate background information 21 0  0  0  1  2  1  4.00 ****/ 198  4.00  3.89  4.22  4.17  ****
3. Were necessary materials available for lab activities 21 0  0  0  1  2  1  4.00 ****/ 184  4.75  4.40  4.48  4.52  ****
4. Did the lab instructor provide assistance            22  0  0  0  1  2  0  3.67 ****/ 177  4.25  3.87  4.36  4.30  ****
5. Were requirements for lab reports clearly specified  22  1  0  0  1  1  0  3.50 ****/ 165  3.75  3.77  4.18  4.11  ****


             Seminar
1. Were assigned topics relevant to the announced theme 24  0  0  0  0  1  0  4.00 ****/  89  ****  ****  4.49  4.86  ****


                                      Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades          Reasons                Type              Majors
-----------------------------------------------------------------------------------------------------------
00-27      0        0.00-0.99   0      A  15      Required for Majors  20      Graduate    0       Major      20
28-55      0        1.00-1.99   0      B   4
56-83      7        2.00-2.99   1      C   2      General          0          Under-grad  25      Non-major   5
84-150     4        3.00-3.49   7      D   0
Grad.      0        3.50-4.00   8      F   0      Electives        0          #### - Means there are not enough
                                       P   0                                  responses to be significant
                                       I   0      Other            0
                                       ?   0
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Course-Section: ENME 303  3                       University of Maryland                                    Page  737
Title          Topics In Engineer Mat              Baltimore County                                         MAR 22, 2010
Instructor:    Vonkerczek,Chri                     Fall   2009                                              Job IRBR3029
Enrollment:    19
Questionnaires: 3                        Student Course Evaluation Questionnaire


                                               Frequencies          Instructor   Course Dept  UMBC Level  Sect
                 Questions                 NR  NA  1  2  3  4  5   Mean    Rank    Mean  Mean  Mean Mean  Mean
---------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  0  1  1  1  0   3.00 1473/1509  3.91  3.96  4.31  4.32  3.00
2. Did the instructor make clear the expected goals    0   0  0  1  0  1  1   3.67 1306/1509  4.01  3.98  4.26  4.25  3.67
3. Did the exam questions reflect the expected goals   0   1  0  0  1  0  1   4.00  924/1287  4.05  3.98  4.30  4.33  4.00
4. Did other evaluations reflect the expected goals    0   1  0  0  0  1  1   4.50  454/1459  4.03  3.94  4.22  4.26  4.50
5. Did assigned readings contribute to what you learned 0  2  0  0  0  0  1   5.00    1/1406  4.25  3.62  4.09  4.12  5.00
6. Did written assignments contribute to what you learned 0 2  0  0  0  1  0   4.00  807/1384  4.02  3.87  4.11  4.15  4.00
7. Was the grading system clearly explained            0   0  1  0  1  1  0   2.67 1450/1489  3.86  3.81  4.17  4.14  2.67
8. How many times was class cancelled                  0   0  0  0  0  0  3   5.00    1/1506  4.63  4.70  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 1 0  0  0  2  0  0   3.00 1392/1463  3.59  3.78  4.09  4.08  3.00

                 Lecture
1. Were the instructor's lectures well prepared        0   0  0  1  0  1  1   3.67 1343/1438  4.13  4.27  4.46  4.43  3.67
2. Did the instructor seem interested in the subject   0   0  0  1  0  2  0   3.33 1404/1421  4.23  4.45  4.73  4.73  3.33
3. Was lecture material presented and explained clearly 0  0  0  0  3  0  0   3.00 1361/1411  3.76  3.95  4.31  4.29  3.00
4. Did the lectures contribute to what you learned     0   0  0  0  1  2  0   3.67 1220/1405  3.91  3.90  4.32  4.32  3.67
5. Did audiovisual techniques enhance your understanding 0 0  0  0  2  0  1   3.67  904/1236  4.00  3.78  4.00  4.07  3.67


                 Discussion
1. Did class discussions contribute to what you learned 2  0  0  0  1  0  0   3.00 1162/1260  3.90  3.57  4.14  4.22  3.00
2. Were all students actively encouraged to participate 2  0  0  0  1  0  0   3.00 1202/1255  3.59  3.75  4.33  4.37  3.00
3. Did the instructor encourage fair and open discussion 2 0  0  0  1  0  0   3.00 1222/1258  3.59  3.76  4.38  4.42  3.00

                 Laboratory
1. Did the lab increase understanding of the material  2   0  0  0  0  1  0   4.00  106/ 184  4.25  4.34  4.16  4.07  4.00
2. Were you provided with adequate background information 2 0  0  0  0  1  0   4.00  123/ 198  4.00  3.89  4.22  4.17  4.00
3. Were necessary materials available for lab activities 2 0  0  0  0  0  1   5.00    1/ 184  4.75  4.40  4.48  4.52  5.00
4. Did the lab instructor provide assistance           2   0  0  0  0  0  1   5.00    1/ 177  4.25  3.87  4.36  4.30  5.00
5. Were requirements for lab reports clearly specified 2   0  0  0  0  1  0   4.00  103/ 165  3.75  3.77  4.18  4.11  4.00

                                          Frequency Distribution


Credits Earned        Cum. GPA         Expected Grades         Reasons              Type               Majors
---------------------------------------------------------------------------------------------------------------------
 00-27      0      0.00-0.99    0        A   2        Required for Majors  3    Graduate     0      Major        2
 28-55      0      1.00-1.99    0        B   0                                                     
 56-83      0      2.00-2.99    0        C   1        General              0    Under-grad   3      Non-major    1
 84-150     0      3.00-3.49    2        D   0                                                     
 Grad.      0      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
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Course-Section: ENME 303  4                    University of Maryland                              Page  738
Title         Topics In Engineer Mat            Baltimore County                                  MAR 22, 2010
Instructor:   Vonkerczek,Chri                   Fall  2009                                        Job IRBR3029
Enrollment:     15
Questionnaires:  5                        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   2   0   0  0  0  1   2  4.67   410/1509  3.91  3.96  4.31  4.32  4.67
2. Did the instructor make clear the expected goals    2   0   0  0  0  1   2  4.67   356/1509  4.01  3.98  4.26  4.25  4.67
3. Did the exam questions reflect the expected goals   2   0   0  0  1  1   1  4.00   924/1287  4.05  3.98  4.30  4.33  4.00
4. Did other evaluations reflect the expected goals    2   2   0  0  0  0   1  5.00  ****/1459  4.03  3.94  4.22  4.26  ****
5. Did assigned readings contribute to what you learned 2  1   0  0  0  0   2  5.00     1/1406  4.25  3.62  4.09  4.12  5.00
6. Did written assignments contribute to what you learned 2 2  0  0  0  0   1  5.00  ****/1384  4.02  3.87  4.11  4.15  ****
7. Was the grading system clearly explained            2   0   0  0  0  0   3  5.00     1/1489  3.86  3.81  4.17  4.14  5.00
8. How many times was class cancelled                  2   0   0  0  0  1   2  4.67   941/1506  4.63  4.70  4.67  4.67  4.67
9. How would you grade the overall teaching effectiveness 2 0  0  0  0  1   2  4.67   209/1463  3.59  3.78  4.09  4.08  4.67


                 Lecture
1. Were the instructor's lectures well prepared        2   0   0  0  0  1   2  4.67   588/1438  4.13  4.27  4.46  4.43  4.67
2. Did the instructor seem interested in the subject   2   0   0  0  0  0   3  5.00     1/1421  4.23  4.45  4.73  4.73  5.00
3. Was lecture material presented and explained clearly 2  0   0  0  0  1   2  4.67   416/1411  3.76  3.95  4.31  4.29  4.67
4. Did the lectures contribute to what you learned     2   0   0  0  0  1   2  4.67   459/1405  3.91  3.90  4.32  4.32  4.67
5. Did audiovisual techniques enhance your understanding 2 1  0  0  0  0   2  5.00     1/1236  4.00  3.78  4.00  4.07  5.00


                 Discussion
1. Did class discussions contribute to what you learned 2  0   0  0  0  0   3  5.00     1/1260  3.90  3.57  4.14  4.22  5.00
2. Were all students actively encouraged to participate 2  0   0  0  0  0   3  5.00     1/1255  3.59  3.75  4.33  4.37  5.00
3. Did the instructor encourage fair and open discussion 2 0  0  0  0  0   3  5.00     1/1258  3.59  3.76  4.38  4.42  5.00
4. Were special techniques successful                  2   1   0  0  0  0   2  5.00     1/ 873  4.25  3.68  4.03  4.08  5.00


                 Laboratory
1. Did the lab increase understanding of the material  4   0   0  0  0  0   1  5.00  ****/ 184  4.25  4.34  4.16  4.07  ****
2. Were you provided with adequate background information 4 0  0  0  0  1   0  4.00  ****/ 198  4.00  3.89  4.22  4.17  ****
3. Were necessary materials available for lab activities 4 0  0  0  0  1   0  4.00  ****/ 184  4.75  4.40  4.48  4.52  ****
4. Did the lab instructor provide assistance           4   0   0  0  0  0   1  5.00  ****/ 177  4.25  3.87  4.36  4.30  ****


                              Frequency Distribution


Credits Earned        Cum. GPA         Expected Grades         Reasons                 Type                Majors
-----------------------------------------------------------------------------------------------------------------
  00-27      0      0.00-0.99   0       A   3        Required for Majors  2      Graduate      0      Major        2
  28-55      0      1.00-1.99   0       B   0
  56-83      2      2.00-2.99   0       C   0        General              0      Under-grad    5      Non-major    3
  84-150     0      3.00-3.49   1       D   0
  Grad.      0      3.50-4.00   1       F   0        Electives            0      #### - Means there are not enough
                                        P   0                                   responses to be significant
                                        I   0        Other                0
                                        ?   0
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Course-Section: ENME 304  1                    University of Maryland                        Page  739
Title        Machine Design                      Baltimore County                          MAR 22, 2010
Instructor:  Farquhar,Anthon                     Fall   2009                               Job IRBR3029
Enrollment:     39
Questionnaires:  31                       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  2  4 13 10  3.97 1154/1509  3.97  3.96  4.31 4.32  3.97
2. Did the instructor make clear the expected goals    1   0  0  2 14  7  7  3.63 1318/1509  3.63  3.98  4.26 4.25  3.63
3. Did the exam questions reflect the expected goals   3   0  1  4 11  4  8  3.50 1168/1287  3.50  3.98  4.30 4.33  3.50
4. Did other evaluations reflect the expected goals    1   3  0  2 12  4  9  3.74 1197/1459  3.74  3.94  4.22 4.26  3.74
5. Did assigned readings contribute to what you learned 1   9  6  3  4  5  3  2.81 1369/1406  2.81  3.62  4.09 4.12  2.81
6. Did written assignments contribute to what you learned 1 6  1  2 10  8  3  3.42 1230/1384  3.42  3.87  4.11 4.15  3.42
7. Was the grading system clearly explained            1   0  4  3 11  7  5  3.20 1382/1489  3.20  3.81  4.17 4.14  3.20
8. How many times was class cancelled                  2   0  0  0  0  1 28  4.97  233/1506  4.97  4.70  4.67 4.67  4.97
9. How would you grade the overall teaching effectiveness 7 0 1  3  7 10  3  3.46 1268/1463  3.46  3.78  4.09 4.08  3.46


              Lecture
1. Were the instructor's lectures well prepared        2   0  1  3  3 10 12  4.00 1203/1438  4.00  4.27  4.46 4.43  4.00
2. Did the instructor seem interested in the subject   2   0  0  0  4  3 22  4.62 1060/1421  4.62  4.45  4.73 4.73  4.62
3. Was lecture material presented and explained clearly 2  0  1  4 10  8  6  3.48 1283/1411  3.48  3.95  4.31 4.29  3.48
4. Did the lectures contribute to what you learned     2   0  1  2  8 12  6  3.69 1213/1405  3.69  3.90  4.32 4.32  3.69
5. Did audiovisual techniques enhance your understanding 2 17  1  3  3  2  3  3.25 1078/1236  3.25  3.78  4.00 4.07  3.25


              Discussion
1. Did class discussions contribute to what you learned 27  0  0  1  1  1  1  3.50 ****/1260  ****  3.57  4.14 4.22  ****
2. Were all students actively encouraged to participate 27  0  0  1  1  0  2  3.75 ****/1255  ****  3.75  4.33 4.37  ****
3. Did the instructor encourage fair and open discussion 27 0  0  1  2  0  1  3.25 ****/1258  ****  3.76  4.38 4.42  ****
4. Were special techniques successful                  26   2  1  0  1  0  1  3.00 ****/ 873  ****  3.68  4.03 4.08  ****


              Laboratory
2. Were you provided with adequate background information 30 0 1  0  0  0  0  1.00 ****/ 198  ****  3.89  4.22 4.17  ****


              Field Work
1. Did field experience contribute to what you learned 29  0  1  0  1  0  0  2.00 ****/  48  ****  ****  4.39 4.61  ****
2. Did you clearly understand your evaluation criteria 29  0  1  1  0  0  0  1.50 ****/  48  ****  ****  4.41 4.34  ****
3. Was the instructor available for consultation       29   1  0  0  0  0  1  5.00 ****/  47  ****  ****  4.51 4.62  ****
4. To what degree could you discuss your evaluations   29   1  0  0  0  1  0  4.00 ****/  47  ****  ****  4.18 4.47  ****
5. Did conferences help you carry out field activities 29   1  1  0  0  0  0  1.00 ****/  44  ****  ****  4.32 4.40  ****


              Self  Paced
1. Did self-paced system contribute to what you learned 30  0  1  0  0  0  0  1.00 ****/  49  ****  ****  4.26 5.00  ****

                                    Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades        Reasons                 Type                Majors
-------------------------------------------------------------------------------------------------------------
 00-27      0      0.00-0.99    0      A   11       Required for Majors  25     Graduate      1      Major        23
 28-55      0      1.00-1.99    0      B   14
 56-83      5      2.00-2.99    3      C    1       General               0     Under-grad   30      Non-major     8
 84-150     6      3.00-3.49    3      D    0
 Grad.      1      3.50-4.00    7      F    0       Electives             0     #### - Means there are not enough
                                      P    0                                   responses to be significant
                                      I    0       Other                 0
                                      ?    2
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Course-Section: ENME 320  2                    University of Maryland                              Page  740
Title        Fluid Mechanics                      Baltimore County                               MAR 22, 2010
Instructor:  Carmi,Shlomo                          Fall   2009                                   Job IRBR3029
Enrollment:      46
Questionnaires:  31                        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  2  2  5 11 11  3.87 1236/1509  3.53  3.96  4.31 4.32  3.87
2. Did the instructor make clear the expected goals    0   0  1  5  9 10  6  3.48 1378/1509  3.48  3.98  4.26 4.25  3.48
3. Did the exam questions reflect the expected goals   0   0  1  1  5 11 13  4.10  886/1287  3.40  3.98  4.30 4.33  4.10
4. Did other evaluations reflect the expected goals    0  21  1  2  3  2  2  3.20 1396/1459  3.24  3.94  4.22 4.26  3.20
5. Did assigned readings contribute to what you learned 0  7  1  0  7  3 13  4.13  720/1406  3.70  3.62  4.09 4.12  4.13
6. Did written assignments contribute to what you learned 0 13 1 0  2  8  7  4.11  742/1384  3.83  3.87  4.11 4.15  4.11
7. Was the grading system clearly explained            0   0  0  4  2  7 18  4.26  760/1489  4.20  3.81  4.17 4.14  4.26
8. How many times was class cancelled                  0   0  0  0  0  3 28  4.90  583/1506  4.88  4.70  4.67 4.67  4.90
9. How would you grade the overall teaching effectiveness 4 1 2  0 10  9  5  3.58 1217/1463  3.11  3.78  4.09 4.08  3.58

                Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  6 11 14  4.26 1071/1438  4.00  4.27  4.46 4.43  4.26
2. Did the instructor seem interested in the subject   1   0  0  0  2  9 19  4.57 1115/1421  4.11  4.45  4.73 4.73  4.57
3. Was lecture material presented and explained clearly 1  0  3  6  9  7  5  3.17 1346/1411  3.23  3.95  4.31 4.29  3.17
4. Did the lectures contribute to what you learned     1   0  3  4  6 10  7  3.47 1276/1405  3.46  3.90  4.32 4.32  3.47
5. Did audiovisual techniques enhance your understanding 1 13 3  2  7  3  2  2.94 1150/1236  3.09  3.78  4.00 4.07  2.94

                Discussion
1. Did class discussions contribute to what you learned 24 0  3  0  4  0  0  2.14 ****/1260  ****  3.57  4.14 4.22  ****
2. Were all students actively encouraged to participate 24 0  5  1  0  0  1  1.71 ****/1255  ****  3.75  4.33 4.37  ****
3. Did the instructor encourage fair and open discussion 24 0  2  1  2  0  2  2.86 ****/1258  ****  3.76  4.38 4.42  ****
4. Were special techniques successful                  24   6  0  1  0  0  0  2.00 ****/ 873  ****  3.68  4.03 4.08  ****
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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   13       Required for Majors  26     Graduate    1      Major       22
28-55      1       1.00-1.99   0      B   12
56-83      5       2.00-2.99   4      C    3       General               0     Under-grad  30     Non-major    9
84-150    11       3.00-3.49   8      D    0
Grad.      1       3.50-4.00   7      F    0       Electives             0     #### - Means there are not enough
                                      P    0                                  responses to be significant
                                      I    0       Other                 0
                                      ?    0
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Course-Section: ENME 320  3                     University of Maryland                              Page  741
Title      Fluid Mechanics                        Baltimore County                                 MAR 22, 2010
Instructor:    Bennett,Dawn                      Fall   2009                                       Job IRBR3029
Enrollment:    24
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    2  0  4  2  5  6  4  3.19 1456/1509  3.53  3.96  4.31 4.32  3.19
2. Did the instructor make clear the expected goals     2  0  2  2  7  4  6  3.48 1381/1509  3.48  3.98  4.26 4.25  3.48
3. Did the exam questions reflect the expected goals    3  0  3  8  2  6  1  2.70 1281/1287  3.40  3.98  4.30 4.33  2.70
4. Did other evaluations reflect the expected goals     2  7  2  1  4  5  2  3.29 1382/1459  3.24  3.94  4.22 4.26  3.29
5. Did assigned readings contribute to what you learned 2  6  2  1  6  3  3  3.27 1279/1406  3.70  3.62  4.09 4.12  3.27
6. Did written assignments contribute to what you learned 2 10  1  0  5  2  3  3.55 1173/1384  3.83  3.87  4.11 4.15  3.55
7. Was the grading system clearly explained             2  0  0  1  3  9  8  4.14  875/1489  4.20  3.81  4.17 4.14  4.14
8. How many times was class cancelled                   2  0  0  0  0  3 18  4.86  682/1506  4.88  4.70  4.67 4.67  4.86
9. How would you grade the overall teaching effectiveness 9 0  4  1  5  4  0  2.64 1436/1463  3.11  3.78  4.09 4.08  2.64


                 Lecture
1. Were the instructor's lectures well prepared         3  0  1  0  8  5  6  3.75 1315/1438  4.00  4.27  4.46 4.43  3.75
2. Did the instructor seem interested in the subject    3  0  2  2  3  7  6  3.65 1387/1421  4.11  4.45  4.73 4.73  3.65
3. Was lecture material presented and explained clearly 3  0  2  6  3  2  7  3.30 1325/1411  3.23  3.95  4.31 4.29  3.30
4. Did the lectures contribute to what you learned      3  0  1  2  9  3  5  3.45 1279/1405  3.46  3.90  4.32 4.32  3.45
5. Did audiovisual techniques enhance your understanding 3  3  1  3  8  1  4  3.24 1082/1236  3.09  3.78  4.00 4.07  3.24


                 Discussion
1. Did class discussions contribute to what you learned 19  0  1  2  1  0  0  2.00 ****/1260  ****  3.57  4.14 4.22  ****
2. Were all students actively encouraged to participate 19  0  3  0  0  0  1  2.00 ****/1255  ****  3.75  4.33 4.37  ****
3. Did the instructor encourage fair and open discussion 19 0  1  0  2  0  1  3.00 ****/1258  ****  3.76  4.38 4.42  ****
4. Were special techniques successful                   19  3  0  1  0  0  0  2.00 ****/ 873  ****  3.68  4.03 4.08  ****


                 Laboratory
2. Were you provided with adequate background information 22 0  1  0  0  0  0  1.00 ****/ 198  ****  3.89  4.22 4.17  ****


                 Seminar
2. Was the instructor available for individual attention 22 0  0  1  0  0  0  2.00 ****/  92  ****  ****  4.54 4.67  ****
3. Did research projects contribute to what you learned 22  0  1  0  0  0  0  1.00 ****/  90  ****  ****  4.50 4.63  ****


                 Field Work
1. Did field experience contribute to what you learned  22  0  0  0  1  0  0  3.00 ****/  48  ****  ****  4.39 4.61  ****
2. Did you clearly understand your evaluation criteria  22  0  0  1  0  0  0  2.00 ****/  48  ****  ****  4.41 4.34  ****
3. Was the instructor available for consultation        22  0  1  0  0  0  0  1.00 ****/  47  ****  ****  4.51 4.62  ****
4. To what degree could you discuss your evaluations    22  0  0  1  0  0  0  2.00 ****/  47  ****  ****  4.18 4.47  ****
5. Did conferences help you carry out field activities  22  0  0  1  0  0  0  2.00 ****/  44  ****  ****  4.32 4.40  ****


                 Self  Paced
1. Did self-paced system contribute to what you learned 22  0  0  1  0  0  0  2.00 ****/  49  ****  ****  4.26 5.00  ****
2. Did study questions make clear the expected goal     22  0  0  1  0  0  0  2.00 ****/  41  ****  ****  4.14 5.00  ****
3. Were your contacts with the instructor helpful       22  0  0  0  1  0  0  3.00 ****/  46  ****  ****  4.31 5.00  ****
4. Was the feedback/tutoring by proctors helpful        22  0  1  0  0  0  0  1.00 ****/  37  ****  ****  4.05 5.00  ****
5. Were there enough proctors for all the students      22  0  1  0  0  0  0  1.00 ****/  30  ****  ****  4.27 5.00  ****


                                   Frequency Distribution


Credits Earned        Cum. GPA       Expected Grades         Reasons                 Type              Majors
--------------------------------------------------------------------------------------------------------------
 00-27     0       0.00-0.99   0      A   6       Required for Majors  19     Graduate    0       Major      15
 28-55     0       1.00-1.99   0      B   5
 56-83     3       2.00-2.99   1      C   7       General               0     Under-grad  23      Non-major   8
 84-150    6       3.00-3.49   1      D   0
 Grad.     0       3.50-4.00   6      F   0       Electives             0     #### - Means there are not enough
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P    0                                              responses to be significant
I    0              Other              0
?    2
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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   8   8  4.41   711/1509   4.41  3.96  4.31  4.32  4.41
2. Did the instructor make clear the expected goals    0   0   0   0   1   8   8  4.41   683/1509   4.41  3.98  4.26  4.25  4.41
3. Did the exam questions reflect the expected goals   0   0   0   1   0   3  13  4.65   381/1287   4.65  3.98  4.30  4.33  4.65
4. Did other evaluations reflect the expected goals    0   2   0   1   0   5   9  4.47   520/1459   4.47  3.94  4.22  4.26  4.47
5. Did assigned readings contribute to what you learned 1   5   0   1   1   5   4  4.09   746/1406   4.09  3.62  4.09  4.12  4.09
6. Did written assignments contribute to what you learned 1   1   0   1   2   7   5  4.07   773/1384   4.07  3.87  4.11  4.15  4.07
7. Was the grading system clearly explained            0   0   0   0   3   3  11  4.47   499/1489   4.47  3.81  4.17  4.14  4.47
8. How many times was class cancelled                  1   0   0   0   0   6  10  4.63   973/1506   4.63  4.70  4.67  4.67  4.63
9. How would you grade the overall teaching effectiveness 1   0   0   0   0   8   8  4.50   325/1463   4.50  3.78  4.09  4.08  4.50

                 Lecture
1. Were the instructor's lectures well prepared        4   0   0   0   0   2  11  4.85   305/1438   4.85  4.27  4.46  4.43  4.85
2. Did the instructor seem interested in the subject   4   0   0   0   0   0  13  5.00     1/1421   5.00  4.45  4.73  4.73  5.00
3. Was lecture material presented and explained clearly 5   0   0   0   0   4   8  4.67   416/1411   4.67  3.95  4.31  4.29  4.67
4. Did the lectures contribute to what you learned     5   0   0   0   1   4   7  4.50   634/1405   4.50  3.90  4.32  4.32  4.50
5. Did audiovisual techniques enhance your understanding 6   1   0   0   1   4   5  4.40   354/1236   4.40  3.78  4.00  4.07  4.40
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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  14      Graduate     0       Major       13
28-55      0        1.00-1.99    0          B   6                                                          
56-83      0        2.00-2.99    4          C   3        General               0      Under-grad  17       Non-major    4
84-150     9        3.00-3.49    5          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                 1
                                            ?   0
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Course-Section: ENME 332L 1                    University of Maryland                              Page  743
Title        Solid Mech And Mat Lab            Baltimore County                                   MAR 22, 2010
Instructor:  Zupan,Marcus                      Fall   2009                                        Job IRBR3029
Enrollment:     29
Questionnaires:  23                     Student Course Evaluation Questionnaire
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                                                    Frequencies      Instructor   Course Dept  UMBC Level  Sect
                 Questions                     NR NA  1  2  3  4  5  Mean   Rank    Mean Mean  Mean Mean   Mean
-------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0  0  0  0  1  8 14  4.57  528/1509   4.57 3.96  4.31 4.32  4.57
2. Did the instructor make clear the expected goals    0  0  0  0  0 10 13  4.57  471/1509   4.57 3.98  4.26 4.25  4.57
3. Did the exam questions reflect the expected goals   0  0  1  0  6  8  8  3.96  972/1287   3.96 3.98  4.30 4.33  3.96
4. Did other evaluations reflect the expected goals    0  0  0  0  1  6 16  4.65  291/1459   4.65 3.94  4.22 4.26  4.65
5. Did assigned readings contribute to what you learned 1 10  1  3  2  2  4  3.42 1231/1406   3.42 3.62  4.09 4.12  3.42
6. Did written assignments contribute to what you learned 0 1  1  2  1  3 15  4.32  557/1384   4.32 3.87  4.11 4.15  4.32
7. Was the grading system clearly explained            0  0  1  1  1  7 13  4.30  707/1489   4.30 3.81  4.17 4.14  4.30
8. How many times was class cancelled                  0  0  0  0  0  1 22  4.96  292/1506   4.96 4.70  4.67 4.67  4.96
9. How would you grade the overall teaching effectiveness 4 0  0  0  0  6 13  4.68  196/1463   4.68 3.78  4.09 4.08  4.68


                 Lecture
1. Were the instructor's lectures well prepared        0  0  0  0  0  4 19  4.83  334/1438   4.83 4.27  4.46 4.43  4.83
2. Did the instructor seem interested in the subject   0  0  0  0  0  0 23  5.00    1/1421   5.00 4.45  4.73 4.73  5.00
3. Was lecture material presented and explained clearly 0 0  0  0  1  8 14  4.57  544/1411   4.57 3.95  4.31 4.29  4.57
4. Did the lectures contribute to what you learned     0  0  0  0  1 10 12  4.48  671/1405   4.48 3.90  4.32 4.32  4.48
5. Did audiovisual techniques enhance your understanding 2 0  0  2  1  8 10  4.24  504/1236   4.24 3.78  4.00 4.07  4.24


                 Discussion
1. Did class discussions contribute to what you learned 18 0  0  0  0  2  3  4.60 ****/1260   **** 3.57  4.14 4.22  ****
2. Were all students actively encouraged to participate 18 0  0  0  0  4  1  4.20 ****/1255   **** 3.75  4.33 4.37  ****
3. Did the instructor encourage fair and open discussion 19 0  0  0  0  2  2  4.50 ****/1258   **** 3.76  4.38 4.42  ****
4. Were special techniques successful                  18  2  0  0  1  1  1  4.00 ****/ 873   **** 3.68  4.03 4.08  ****


                 Laboratory
1. Did the lab increase understanding of the material  11  0  0  0  0  4  8  4.67   37/ 184   4.67 4.34  4.16 4.07  4.67
2. Were you provided with adequate background information 11 0  0  0  1  5  6  4.42  75/ 198   4.42 3.89  4.22 4.17  4.42
3. Were necessary materials available for lab activities 11 0  0  0  1  2  9  4.67   77/ 184   4.67 4.40  4.48 4.52  4.67
4. Did the lab instructor provide assistance           11  0  0  1  0  1 10  4.67   65/ 177   4.67 3.87  4.36 4.30  4.67
5. Were requirements for lab reports clearly specified 11  0  0  1  2  2  7  4.25   81/ 165   4.25 3.77  4.18 4.11  4.25


                 Field Work
1. Did field experience contribute to what you learned 21  0  0  1  0  0  1  3.50 ****/  48   **** ****  4.39 4.61  ****
2. Did you clearly understand your evaluation criteria 21  0  0  0  1  0  1  4.00 ****/  48   **** ****  4.41 4.34  ****
3. Was the instructor available for consultation       21  0  0  0  0  0  2  5.00 ****/  47   **** ****  4.51 4.62  ****
4. To what degree could you discuss your evaluations   21  1  0  1  0  0  0  2.00 ****/  47   **** ****  4.18 4.47  ****


                 Self  Paced
1. Did self-paced system contribute to what you learned 21 0  0  0  0  1  1  4.50 ****/  49   **** ****  4.26 5.00  ****
2. Did study questions make clear the expected goal    21  0  0  0  1  0  1  4.00 ****/  41   **** ****  4.14 5.00  ****
3. Were your contacts with the instructor helpful      21  0  0  0  0  1  1  4.50 ****/  46   **** ****  4.31 5.00  ****
4. Was the feedback/tutoring by proctors helpful       21  0  0  1  0  0  1  3.50 ****/  37   **** ****  4.05 5.00  ****
5. Were there enough proctors for all the students     21  1  0  0  1  0  0  3.00 ****/  30   **** ****  4.27 5.00  ****
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                                            Frequency Distribution


Credits Earned        Cum. GPA        Expected Grades         Reasons              Type              Majors
-------------------------------------------------------------------------------------------------------------------
  00-27     0      0.00-0.99    0      A    3      Required for Majors  20     Graduate     0      Major       16
  28-55     0      1.00-1.99    0      B   14
  56-83     0      2.00-2.99    4      C    3      General               0     Under-grad  23      Non-major    7
  84-150   10      3.00-3.49    4      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              0
?    1
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Course-Section: ENME 403  1                    University of Maryland                              Page  744
Title      Automatic Controls                  Baltimore County                                   MAR 22, 2010
Instructor:   Anjanappa,Munis                  Fall   2009                                        Job IRBR3029
Enrollment:   50
Questionnaires: 40                      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  2  3 12 14  9 3.63 1359/1509  3.63 3.96  4.31 4.39  3.63
2. Did the instructor make clear the expected goals    0  0  0 10 10 15  5 3.38 1410/1509  3.38 3.98  4.26 4.26  3.38
3. Did the exam questions reflect the expected goals   0  0  2 10 13  9  6 3.17 1234/1287  3.18 3.98  4.30 4.38  3.17
4. Did other evaluations reflect the expected goals    0 11  3  7  8  5  6 3.14 1406/1459  3.14 3.94  4.22 4.32  3.14
5. Did assigned readings contribute to what you learned 3 15  2  2  3 10  5 3.64 1122/1406  3.64 3.62  4.09 4.11  3.64
6. Did written assignments contribute to what you learned 3 11  4  4  9  6  3 3.00 1322/1384  3.00 3.87  4.11 4.23  3.00
7. Was the grading system clearly explained            3  0  2  7 10  8 10 3.46 1323/1489  3.46 3.81  4.17 4.18  3.46
8. How many times was class cancelled                  2  0  0  0  1 15 22 4.55 1030/1506  4.55 4.70  4.67 4.67  4.55
9. How would you grade the overall teaching effectiveness 6  0  1 10 14  8  1 2.94 1402/1463  2.94 3.78  4.09 4.18  2.94


                 Lecture
1. Were the instructor's lectures well prepared        3  0  0  4  5 12 16 4.08 1179/1438  4.08 4.27  4.46 4.50  4.08
2. Did the instructor seem interested in the subject   2  0  0  1  6 16 15 4.18 1314/1421  4.18 4.45  4.73 4.76  4.18
3. Was lecture material presented and explained clearly 2  0  6  6 10 11  5 3.08 1356/1411  3.08 3.95  4.31 4.35  3.08
4. Did the lectures contribute to what you learned     2  0  6  4 10 15  3 3.13 1337/1405  3.13 3.90  4.32 4.34  3.13
5. Did audiovisual techniques enhance your understanding 6 24  3  1  5  0  1 2.50 1197/1236  2.50 3.78  4.00 4.03  2.50


                 Discussion
1. Did class discussions contribute to what you learned 37  0  1  1  1  0  0 2.00 ****/1260  **** 3.57  4.14 4.25  ****
2. Were all students actively encouraged to participate 37  0  0  1  1  0  1 3.33 ****/1255  **** 3.75  4.33 4.46  ****
3. Did the instructor encourage fair and open discussion 37  0  0  1  1  0  1 3.33 ****/1258  **** 3.76  4.38 4.51  ****


                 Laboratory
2. Were you provided with adequate background information 39  0  1  0  0  0  0 1.00 ****/ 198  **** 3.89  4.22 4.37  ****


                 Seminar
2. Was the instructor available for individual attention 39  0  0  1  0  0  0 2.00 ****/  92  **** ****  4.54 4.83  ****
3. Did research projects contribute to what you learned 39  0  0  1  0  0  0 2.00 ****/  90  **** ****  4.50 4.69  ****
5. Were criteria for grading made clear                39  0  0  0  1  0  0 3.00 ****/  93  **** ****  4.06 4.32  ****


                 Field Work
1. Did field experience contribute to what you learned 39  0  1  0  0  0  0 1.00 ****/  48  **** ****  4.39 4.75  ****
2. Did you clearly understand your evaluation criteria 39  0  1  0  0  0  0 1.00 ****/  48  **** ****  4.41 4.54  ****
3. Was the instructor available for consultation       39  0  0  1  0  0  0 2.00 ****/  47  **** ****  4.51 4.51  ****
4. To what degree could you discuss your evaluations   39  0  1  0  0  0  0 1.00 ****/  47  **** ****  4.18 4.19  ****


                 Self  Paced
1. Did self-paced system contribute to what you learned 39  0  0  0  1  0  0 3.00 ****/  49  **** ****  4.26 4.67  ****
2. Did study questions make clear the expected goal    39  0  0  1  0  0  0 2.00 ****/  41  **** ****  4.14 4.50  ****
3. Were your contacts with the instructor helpful      39  0  0  0  1  0  0 3.00 ****/  46  **** ****  4.31 4.67  ****
4. Was the feedback/tutoring by proctors helpful       39  0  1  0  0  0  0 1.00 ****/  37  **** ****  4.05 4.67  ****
5. Were there enough proctors for all the students     39  0  1  0  0  0  0 1.00 ****/  30  **** ****  4.27 4.33  ****
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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  33      Graduate      0       Major      28
  28-55     0       1.00-1.99    0      B    9
  56-83     0       2.00-2.99    3      C   14       General               0      Under-grad   40       Non-major  12
  84-150   13       3.00-3.49   10      D    1
  Grad.     0       3.50-4.00    5      F    0       Electives             0      #### - Means there are not enough
                                       P    0                                    responses to be significant
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I    0          Other              0
?    1
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Title   Mech: Deformable Solid   Baltimore County   MAR 22, 2010
Instructor: Farrokh,Babak   Fall 2009   Job IRBR3029
Enrollment: 16
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   3   9  4.62   470/1509  4.62  3.96  4.31  4.39  4.62
2. Did the instructor make clear the expected goals     0   0   0   0   0   2  11  4.85   167/1509  4.85  3.98  4.26  4.26  4.85
3. Did the exam questions reflect the expected goals    0   0   0   0   0   1  12  4.92   101/1287  4.92  3.98  4.30  4.38  4.92
4. Did other evaluations reflect the expected goals     0   6   0   0   0   1   6  4.86   121/1459  4.86  3.94  4.22  4.32  4.86
5. Did assigned readings contribute to what you learned 0   4   0   0   1   5   3  4.22   623/1406  4.22  3.62  4.09  4.11  4.22
6. Did written assignments contribute to what you learned 0 3   0   0   0   2   8  4.80   107/1384  4.80  3.87  4.11  4.23  4.80
7. Was the grading system clearly explained             0   0   0   0   0   2  11  4.85   127/1489  4.85  3.81  4.17  4.18  4.85
8. How many times was class cancelled                   0   0   0   0   0   0  13  5.00     1/1506  5.00  4.70  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 0 0   0   0   0   3  10  4.77   144/1463  4.77  3.78  4.09  4.18  4.77


                 Lecture
1. Were the instructor's lectures well prepared         0   0   0   0   0   0  13  5.00     1/1438  5.00  4.27  4.46  4.50  5.00
2. Did the instructor seem interested in the subject    0   0   0   0   0   1  12  4.92   429/1421  4.92  4.45  4.73  4.76  4.92
3. Was lecture material presented and explained clearly 0   0   0   0   0   5   8  4.62   482/1411  4.62  3.95  4.31  4.35  4.62
4. Did the lectures contribute to what you learned      0   0   0   0   0   2  11  4.85   239/1405  4.85  3.90  4.32  4.34  4.85
5. Did audiovisual techniques enhance your understanding 1  8   0   0   0   3   1  4.25   489/1236  4.25  3.78  4.00  4.03  4.25


                 Discussion
1. Did class discussions contribute to what you learned 12  0   0   0   0   1   0  4.00 ****/1260  ****  3.57  4.14  4.25  ****
2. Were all students actively encouraged to participate 12  0   0   0   0   0   1  5.00 ****/1255  ****  3.75  4.33  4.46  ****
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Frequency Distribution

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Credits Earned        Cum. GPA        Expected Grades         Reasons                Type                Majors
-------------------------------------------------------------------------------------------------------------------------
00-27      1         0.00-0.99   0      A    4        Required for Majors  8     Graduate    1      Major       8
28-55      0         1.00-1.99   0      B    5                                                      
56-83      0         2.00-2.99   0      C    2        General              0     Under-grad  12     Non-major   5
84-150     4         3.00-3.49   3      D    0                                                      
Grad.      1         3.50-4.00   2      F    0        Electives            4     #### - Means there are not enough
                                        P    0                                   responses to be significant
                                        I    0        Other                0
                                        ?    0
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Course-Section: ENME 425  1                    University of Maryland                              Page  746
Title       Internal Combus Engine                Baltimore County                             MAR 22, 2010
Instructor: Vonkerczek,Chri                     Fall   2009                                   Job IRBR3029
Enrollment:    17
Questionnaires:  16                   Student Course Evaluation Questionnaire


                                              Frequencies        Instructor  Course Dept  UMBC Level  Sect
                 Questions                NR  NA  1  2  3  4  5  Mean    Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   2   0  0  1  1  3  9  4.43  698/1509  4.43  3.96  4.31  4.39  4.43
2. Did the instructor make clear the expected goals    2   0  0  0  4  4  6  4.14  972/1509  4.14  3.98  4.26  4.26  4.14
3. Did the exam questions reflect the expected goals   2   0  0  0  3  3  8  4.36  688/1287  4.36  3.98  4.30  4.38  4.36
4. Did other evaluations reflect the expected goals    3   0  0  0  2  3  8  4.46  520/1459  4.46  3.94  4.22  4.32  4.46
5. Did assigned readings contribute to what you learned 4  3  2  0  1  2  4  3.67 1105/1406  3.67  3.62  4.09  4.11  3.67
6. Did written assignments contribute to what you learned 3 1  0  1  2  4  5  4.08  762/1384  4.08  3.87  4.11  4.23  4.08
7. Was the grading system clearly explained            3   0  0  0  3  4  6  4.23  781/1489  4.23  3.81  4.17  4.18  4.23
8. How many times was class cancelled                  4   0  0  0  1  6  5  4.33 1205/1506  4.33  4.70  4.67  4.67  4.33
9. How would you grade the overall teaching effectiveness 2 0 0  0  4  4  6  4.14  750/1463  4.14  3.78  4.09  4.18  4.14


                 Lecture
1. Were the instructor's lectures well prepared        4   0  0  0  2  4  6  4.33 1001/1438  4.33  4.27  4.46  4.50  4.33
2. Did the instructor seem interested in the subject   4   0  0  0  1  1 10  4.75  881/1421  4.75  4.45  4.73  4.76  4.75
3. Was lecture material presented and explained clearly 5  0  0  0  3  4  4  4.09 1005/1411  4.09  3.95  4.31  4.35  4.09
4. Did the lectures contribute to what you learned     4   0  0  0  2  3  7  4.42  745/1405  4.42  3.90  4.32  4.34  4.42
5. Did audiovisual techniques enhance your understanding 5 4  0  1  0  3  3  4.14  580/1236  4.14  3.78  4.00  4.03  4.14


                 Discussion
1. Did class discussions contribute to what you learned 15 0  0  0  0  0  1  5.00 ****/1260  ****  3.57  4.14  4.25  ****
2. Were all students actively encouraged to participate 15 0  0  0  0  0  1  5.00 ****/1255  ****  3.75  4.33  4.46  ****
3. Did the instructor encourage fair and open discussion 15 0  0  0  0  0  1  5.00 ****/1258  ****  3.76  4.38  4.51  ****
4. Were special techniques successful                  15   0  0  0  0  0  1  5.00 ****/ 873  ****  3.68  4.03  4.26  ****


                 Laboratory
2. Were you provided with adequate background information 15 0 0 0 0  0  1  5.00 ****/ 198  ****  3.89  4.22  4.37  ****


                              Frequency Distribution


Credits Earned        Cum. GPA          Expected Grades          Reasons                Type                  Majors
-------------------------------------------------------------------------------------------------------------
  00-27     0       0.00-0.99    0        A    5        Required for Majors   6      Graduate     0       Major        10
  28-55     0       1.00-1.99    1        B    6
  56-83     0       2.00-2.99    2        C    1        General               0      Under-grad  16       Non-major     6
  84-150    9       3.00-3.49    5        D    0
  Grad.     0       3.50-4.00    3        F    0        Electives             6      #### - Means there are not enough
                                          P    0                                     responses to be significant
                                          I    0        Other                 0
                                          ?    0
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Course-Section: ENME 432L 2                    University of Maryland                              Page  747
Title      Fluids/Energy Lab                   Baltimore County                                   MAR 22, 2010
Instructor:  Eggleton,Charle                   Fall   2009                                        Job IRBR3029
Enrollment:    19
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    1   0  1  0  2  3   4  3.90 1214/1509  3.56 3.96  4.31 4.39  3.90
         2. Did the instructor make clear the expected goals     1   0  0  0  3  4   3  4.00 1086/1509  3.49 3.98  4.26 4.26  4.00
         3. Did the exam questions reflect the expected goals    3   2  0  0  3  3   0  3.50 1168/1287  3.25 3.98  4.30 4.38  3.50
         4. Did other evaluations reflect the expected goals     2   0  1  0  3  3   2  3.56 1292/1459  3.32 3.94  4.22 4.32  3.56
         5. Did assigned readings contribute to what you learned 2   5  0  0  2  2   0  3.50 1178/1406  3.08 3.62  4.09 4.11  3.50
         6. Did written assignments contribute to what you learned 1 0  0  0  0  7   3  4.30  570/1384  3.62 3.87  4.11 4.23  4.30
         7. Was the grading system clearly explained            1   0  2  1  1  5   1  3.20 1382/1489  3.18 3.81  4.17 4.18  3.20
         8. How many times was class cancelled                  2   0  0  0  0  0   9  5.00    1/1506  4.96 4.70  4.67 4.67  5.00
         9. How would you grade the overall teaching effectiveness 1 0 0  0  5  5   0  3.50 1241/1463  3.23 3.78  4.09 4.18  3.50


                 Lecture
         1. Were the instructor's lectures well prepared        2   0  0  0  2  1   6  4.44  878/1438  4.07 4.27  4.46 4.50  4.44
         2. Did the instructor seem interested in the subject   2   0  0  0  3  2   4  4.11 1328/1421  3.59 4.45  4.73 4.76  4.11
         3. Was lecture material presented and explained clearly 2  0  0  0  2  3   4  4.22  911/1411  3.66 3.95  4.31 4.35  4.22
         4. Did the lectures contribute to what you learned     2   0  0  1  5  1   2  3.44 1282/1405  2.69 3.90  4.32 4.34  3.44
         5. Did audiovisual techniques enhance your understanding 3 1 1  1  3  0   2  3.14 1104/1236  3.05 3.78  4.00 4.03  3.14


                 Laboratory
         1. Did the lab increase understanding of the material  7   0  0  0  0  1   3  4.75   28/ 184  3.91 4.34  4.16 4.62  4.75
         2. Were you provided with adequate background information 7 0 1 0  1  0   2  3.50  182/ 198  3.06 3.89  4.22 4.37  3.50
         3. Were necessary materials available for lab activities 7 0 1 0  0  0   3  4.00  161/ 184  3.69 4.40  4.48 4.66  4.00
         4. Did the lab instructor provide assistance           8   0  1  0  0  2   0  3.00  169/ 177  2.35 3.87  4.36 4.47  3.00
         5. Were requirements for lab reports clearly specified  8   0  0  0  1  2   0  3.67  136/ 165  2.68 3.77  4.18 4.29  3.67


                                    Frequency Distribution

         Credits Earned        Cum. GPA         Expected Grades         Reasons                Type                  Majors
         --------------------------------------------------------------------------------------------------------------------
         00-27     0        0.00-0.99    0         A    5       Required for Majors  9    Graduate     0    Major        8
         28-55     0        1.00-1.99    0         B    3                                 Under-grad  11    Non-major    3
         56-83     0        2.00-2.99    1         C    0       General              0
         84-150    7        3.00-3.49    2         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                0
                                                   ?    1
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Course-Section: ENME 432L 3                University of Maryland                        Page  748
Title      Fluids/Energy Lab               Baltimore County                             MAR 22, 2010
Instructor:   Eggleton,Charle              Fall   2009                                  Job IRBR3029
Enrollment:    20
Questionnaires: 13                  Student Course Evaluation Questionnaire


                                         Frequencies      Instructor   Course Dept  UMBC Level  Sect
                 Questions              NR  NA  1  2  3  4  5  Mean     Rank      Mean  Mean  Mean Mean  Mean
--------------------------------------------------------------------------------------------------------------
          General
1. Did you gain new insights,skills from this course   0  0  0  3  5  4  1  3.23 1450/1509  3.56  3.96  4.31  4.39  3.23
2. Did the instructor make clear the expected goals    0  0  2  2  5  4  0  2.85 1488/1509  3.49  3.98  4.26  4.26  2.85
3. Did the exam questions reflect the expected goals   2  7  1  0  1  2  0  3.00 1247/1287  3.25  3.98  4.30  4.38  3.00
4. Did other evaluations reflect the expected goals    0  2  2  2  3  2  2  3.00 1422/1459  3.32  3.94  4.22  4.32  3.00
5. Did assigned readings contribute to what you learned 0  7  1  2  1  2  0  2.67 1381/1406  3.08  3.62  4.09  4.11  2.67
6. Did written assignments contribute to what you learned 1  1  2  1  3  2  3  3.27 1282/1384  3.62  3.87  4.11  4.23  3.27
7. Was the grading system clearly explained            1  1  2  2  5  2  0  2.64 1454/1489  3.18  3.81  4.17  4.18  2.64
8. How many times was class cancelled                  1  1  0  0  0  0 11  5.00    1/1506  4.96  4.70  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 1  0  1  2  7  2  0  2.83 1419/1463  3.23  3.78  4.09  4.18  2.83


          Lecture
1. Were the instructor's lectures well prepared        1  0  0  1  2  5  4  4.00 1203/1438  4.07  4.27  4.46  4.50  4.00
2. Did the instructor seem interested in the subject   1  0  0  2  4  4  2  3.50 1396/1421  3.59  4.45  4.73  4.76  3.50
3. Was lecture material presented and explained clearly 2  0  0  1  4  6  0  3.45 1293/1411  3.66  3.95  4.31  4.35  3.45
4. Did the lectures contribute to what you learned     2  0  4  1  2  3  1  2.64 1383/1405  2.69  3.90  4.32  4.34  2.64
5. Did audiovisual techniques enhance your understanding 3  1  1  1  0  7  0  3.44 1012/1236  3.05  3.78  4.00  4.03  3.44


          Laboratory
1. Did the lab increase understanding of the material  10  0  0  1  0  2  0  3.33 ****/ 184  3.91  4.34  4.16  4.62  ****
2. Were you provided with adequate background information 10  0  0  1  1  1  0  3.00 ****/ 198  3.06  3.89  4.22  4.37  ****
3. Were necessary materials available for lab activities 11  0  0  0  1  1  0  3.50 ****/ 184  3.69  4.40  4.48  4.66  ****
4. Did the lab instructor provide assistance           11  1  0  0  0  1  0  4.00 ****/ 177  2.35  3.87  4.36  4.47  ****
5. Were requirements for lab reports clearly specified 11  0  0  1  0  1  0  3.00 ****/ 165  2.68  3.77  4.18  4.29  ****


                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades         Reasons               Type                Majors
--------------------------------------------------------------------------------------------------------------
 00-27      0      0.00-0.99    0      A   1      Required for Majors  11    Graduate    0      Major       13
 28-55      0      1.00-1.99    0      B   6                                                          
 56-83      0      2.00-2.99    1      C   5      General           0    Under-grad  13     Non-major    0
 84-150     3      3.00-3.49    5      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             0
                                       ?   0
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                                                     Frequencies        Instructor    Course Dept  UMBC Level  Sect
                 Questions                    NR  NA  1  2  3  4  5  Mean    Rank      Mean  Mean  Mean Mean   Mean
-------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course   0   0  1  1  4  4  3  3.54 1390/1509  3.56  3.96  4.31  4.39  3.54
2. Did the instructor make clear the expected goals    0   0  0  1  5  5  2  3.62 1326/1509  3.49  3.98  4.26  4.26  3.62
3. Did the exam questions reflect the expected goals   1   9  0  1  1  1  0  3.00 ****/1287  3.25  3.98  4.30  4.38  ****
4. Did other evaluations reflect the expected goals    0   1  2  1  2  4  3  3.42 1339/1459  3.32  3.94  4.22  4.32  3.42
5. Did assigned readings contribute to what you learned 0 11  0  0  0  2  0  4.00 ****/1406  3.08  3.62  4.09  4.11  ****
6. Did written assignments contribute to what you learned 1 1 2  1  3  2  3  3.27 1282/1384  3.62  3.87  4.11  4.23  3.27
7. Was the grading system clearly explained            0   0  0  2  3  5  3  3.69 1223/1489  3.18  3.81  4.17  4.18  3.69
8. How many times was class cancelled                  0   4  0  0  0  1  8  4.89  622/1506  4.96  4.70  4.67  4.67  4.89
9. How would you grade the overall teaching effectiveness 2 0 0  0  8  2  1  3.36 1306/1463  3.23  3.78  4.09  4.18  3.36


                 Lecture
1. Were the instructor's lectures well prepared        0   0  0  1  5  3  4  3.77 1311/1438  4.07  4.27  4.46  4.50  3.77
2. Did the instructor seem interested in the subject   0   0  1  0  9  2  1  3.15 1411/1421  3.59  4.45  4.73  4.76  3.15
3. Was lecture material presented and explained clearly 0  0  0  2  7  2  2  3.31 1325/1411  3.66  3.95  4.31  4.35  3.31
4. Did the lectures contribute to what you learned     0   4  4  3  1  0  1  2.00 1396/1405  2.69  3.90  4.32  4.34  2.00
5. Did audiovisual techniques enhance your understanding 1 3 3  1  3  1  1  2.56 1195/1236  3.05  3.78  4.00  4.03  2.56


                 Discussion
1. Did class discussions contribute to what you learned 11 0 0  1  1  0  0  2.50 ****/1260  ****  3.57  4.14  4.25  ****
2. Were all students actively encouraged to participate 11 0 0  1  1  0  0  2.50 ****/1255  ****  3.75  4.33  4.46  ****
3. Did the instructor encourage fair and open discussion 11 0 0  0  2  0  0  3.00 ****/1258  ****  3.76  4.38  4.51  ****


                 Laboratory
1. Did the lab increase understanding of the material  0   0  3  1  3  4  2  3.08  178/ 184  3.91  4.34  4.16  4.62  3.08
2. Were you provided with adequate background information 0 0 2 3 6 2  0  2.62  197/ 198  3.06  3.89  4.22  4.37  2.62
3. Were necessary materials available for lab activities 0 0 0 3 2 8  0  3.38  178/ 184  3.69  4.40  4.48  4.66  3.38
4. Did the lab instructor provide assistance           0   0  8  2  2  1  0  1.69  177/ 177  2.35  3.87  4.36  4.47  1.69
5. Were requirements for lab reports clearly specified 0   0  7  4  1  1  0  1.69  165/ 165  2.68  3.77  4.18  4.29  1.69
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                                              Frequency Distribution

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Credits Earned        Cum. GPA        Expected Grades        Reasons              Type                  Majors
-------------------------------------------------------------------------------------------------------------------
  00-27      0       0.00-0.99    0      A    2        Required for Majors  11    Graduate      0      Major       12
  28-55      0       1.00-1.99    0      B    5                                                       
  56-83      0       2.00-2.99    0      C    2        General               0    Under-grad   13      Non-major    1
  84-150     3       3.00-3.49    2      D    0                                                        
  Grad.      0       3.50-4.00    1      F    0        Electives             0    #### - Means there are not enough
                                         P    0                                   responses to be significant
                                         I    0        Other                 0
                                         ?    0
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Course-Section: ENME 444  1                      University of Maryland                                    Page  750
Title      Mech Engr Systems Desi                Baltimore County                                         MAR 22, 2010
Instructor:   Tshibangu,Wa-Mu                    Fall  2009                                               Job IRBR3029
Enrollment:    45
Questionnaires:  22                       Student Course Evaluation Questionnaire


                                                     Frequencies        Instructor    Course Dept  UMBC Level  Sect
                    Questions                 NR  NA  1   2   3   4   5  Mean    Rank    Mean  Mean  Mean  Mean  Mean
------------------------------------------------------------------------------------------------------------------------
                    General
1. Did you gain new insights,skills from this course   1   0   5   4   7   3   2  2.67 1495/1509  2.39  3.96  4.31  4.39  2.67
2. Did the instructor make clear the expected goals    1   0   0   2  12   6   1  3.29 1429/1509  3.60  3.98  4.26  4.26  3.29
3. Did the exam questions reflect the expected goals   1   0   0   3   7   7   4  3.57 1144/1287  3.36  3.98  4.30  4.38  3.57
4. Did other evaluations reflect the expected goals    1   0   0   3   7  10   1  3.43 1336/1459  3.64  3.94  4.22  4.32  3.43
5. Did assigned readings contribute to what you learned 1  7   6   3   4   1   0  2.00 1401/1406  2.17  3.62  4.09  4.11  2.00
6. Did written assignments contribute to what you learned 2 2  1   1   7   5   4  3.56 1168/1384  3.35  3.87  4.11  4.23  3.56
7. Was the grading system clearly explained            1   0   4   4   5   7   1  2.86 1429/1489  3.29  3.81  4.17  4.18  2.86
8. How many times was class cancelled                  1   0   0   0   0   6  15  4.71  896/1506  4.40  4.70  4.67  4.67  4.71
9. How would you grade the overall teaching effectiveness 2 0  0   4  10   5   1  3.15 1367/1463  3.38  3.78  4.09  4.18  3.15


                    Lecture
1. Were the instructor's lectures well prepared        1   0   0   0   7  10   4  3.86 1282/1438  3.62  4.27  4.46  4.50  3.86
2. Did the instructor seem interested in the subject   1   0   0   1   3   8   9  4.19 1312/1421  4.06  4.45  4.73  4.76  4.19
3. Was lecture material presented and explained clearly 2  0   1   2   5   7   5  3.65 1239/1411  3.88  3.95  4.31  4.35  3.65
4. Did the lectures contribute to what you learned     1   0   3   2   5   8   3  3.29 1315/1405  3.43  3.90  4.32  4.34  3.29
5. Did audiovisual techniques enhance your understanding 1 4  2   4   5   4   2  3.00 1131/1236  2.67  3.78  4.00  4.03  3.00


                    Discussion
1. Did class discussions contribute to what you learned 15 0  2   0   3   1   1  2.86 1203/1260  3.12  3.57  4.14  4.25  2.86
2. Were all students actively encouraged to participate 15 0  1   0   2   1   3  3.71 1067/1255  3.40  3.75  4.33  4.46  3.71
3. Did the instructor encourage fair and open discussion 15 0 1   0   1   1   4  4.00  932/1258  3.83  3.76  4.38  4.51  4.00
4. Were special techniques successful                  15   6   0   0   0   0   1  5.00 ****/ 873  3.00  3.68  4.03  4.26  ****


                    Laboratory
1. Did the lab increase understanding of the material  19   0   2   0   1   0   0  1.67 ****/ 184  ****  4.34  4.16  4.62  ****
2. Were you provided with adequate background information 19 0 0  0   2   1   0  3.33 ****/ 198  ****  3.89  4.22  4.37  ****
3. Were necessary materials available for lab activities 19 1 0  0   0   1   1  4.50 ****/ 184  ****  4.40  4.48  4.66  ****
4. Did the lab instructor provide assistance           19   1   0   0   1   1   0  3.50 ****/ 177  ****  3.87  4.36  4.47  ****
5. Were requirements for lab reports clearly specified 19   1   0   1   1   0   0  2.50 ****/ 165  ****  3.77  4.18  4.29  ****


                    Field Work
1. Did field experience contribute to what you learned 21   0   0   0   0   0   1  5.00 ****/  48  ****  ****  4.39  4.75  ****
2. Did you clearly understand your evaluation criteria 21   0   0   0   1   0   0  3.00 ****/  48  ****  ****  4.41  4.54  ****
3. Was the instructor available for consultation       21   0   0   0   0   0   1  5.00 ****/  47  ****  ****  4.51  4.51  ****
4. To what degree could you discuss your evaluations   21   0   0   0   1   0   0  3.00 ****/  47  ****  ****  4.18  4.19  ****


                    Self  Paced
1. Did self-paced system contribute to what you learned 21  0   0   0   1   0   0  3.00 ****/  49  ****  ****  4.26  4.67  ****
2. Did study questions make clear the expected goal    21   0   0   0   1   0   0  3.00 ****/  41  ****  ****  4.14  4.50  ****
3. Were your contacts with the instructor helpful      21   0   0   0   1   0   0  3.00 ****/  46  ****  ****  4.31  4.67  ****
4. Was the feedback/tutoring by proctors helpful       21   0   0   0   1   0   0  3.00 ****/  37  ****  ****  4.05  4.67  ****
5. Were there enough proctors for all the students     21   0   0   0   1   0   0  3.00 ****/  30  ****  ****  4.27  4.33  ****


                              Frequency Distribution


Credits Earned        Cum. GPA      Expected Grades          Reasons                 Type                Majors
----------------------------------------------------------------------------------------------------------------
  00-27      1      0.00-0.99   1      A   13       Required for Majors  18     Graduate      0       Major       17
  28-55      0      1.00-1.99   0      B    4
  56-83      0      2.00-2.99   3      C    0       General               0     Under-grad   22       Non-major    5
  84-150     8      3.00-3.49   6      D    0
  Grad.      0      3.50-4.00   3      F    0       Electives             0     #### - Means there are not enough
                                       P    0                                  responses to be significant
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I     0          Other              0
?     1
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Title   Mech Engr Systems Desi   Baltimore County   MAR 22, 2010
Instructor: Tshibangu,Wa-Mu   Fall   2009   Job IRBR3029
Enrollment: 24
Questionnaires: 1   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  0  0  2.00 1508/1509  2.39  3.96  4.31  4.39  2.00
2. Did the instructor make clear the expected goals    0  0  0  0  0  1  0  4.00 1086/1509  3.60  3.98  4.26  4.26  4.00
3. Did the exam questions reflect the expected goals   0  0  0  0  0  1  0  4.00  924/1287  3.36  3.98  4.30  4.38  4.00
4. Did other evaluations reflect the expected goals    0  0  0  0  0  1  0  4.00  979/1459  3.64  3.94  4.22  4.32  4.00
5. Did assigned readings contribute to what you learned 0  0  0  1  0  0  0  2.00 1401/1406  2.17  3.62  4.09  4.11  2.00
6. Did written assignments contribute to what you learned 0  0  0  0  1  0  0  3.00 1322/1384  3.35  3.87  4.11  4.23  3.00
7. Was the grading system clearly explained            0  0  0  0  0  1  0  4.00  986/1489  3.29  3.81  4.17  4.18  4.00
8. How many times was class cancelled                  0  0  0  0  0  1  0  4.00 1383/1506  4.40  4.70  4.67  4.67  4.00
9. How would you grade the overall teaching effectiveness 0 0 0  0  1  0  0  3.00 1392/1463  3.38  3.78  4.09  4.18  3.00


                 Lecture
1. Were the instructor's lectures well prepared        0  0  0  0  0  1  0  4.00 1203/1438  3.62  4.27  4.46  4.50  4.00
2. Did the instructor seem interested in the subject   0  0  0  0  0  1  0  4.00 1345/1421  4.06  4.45  4.73  4.76  4.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  1  0  4.00 1051/1411  3.88  3.95  4.31  4.35  4.00
4. Did the lectures contribute to what you learned     0  0  0  0  0  1  0  4.00 1047/1405  3.43  3.90  4.32  4.34  4.00
5. Did audiovisual techniques enhance your understanding 0 0 0  0  0  1  0  4.00  664/1236  2.67  3.78  4.00  4.03  4.00


                 Discussion
1. Did class discussions contribute to what you learned 0  0  0  0  1  0  0  3.00 1162/1260  3.12  3.57  4.14  4.25  3.00
2. Were all students actively encouraged to participate 0  0  0  0  1  0  0  3.00 1202/1255  3.40  3.75  4.33  4.46  3.00
3. Did the instructor encourage fair and open discussion 0 0 0  0  1  0  0  3.00 1222/1258  3.83  3.76  4.38  4.51  3.00
4. Were special techniques successful                  0  0  0  0  1  0  0  3.00  801/ 873  3.00  3.68  4.03  4.26  3.00
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                                            Frequency Distribution

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Credits Earned         Cum. GPA         Expected Grades           Reasons                  Type                Majors
---------------------------------------------------------------------------------------------------------------------
  00-27     0        0.00-0.99    0       A   1          Required for Majors  1     Graduate      0       Major        1
  28-55     0        1.00-1.99    0       B   0                                     Under-grad    1       Non-major    0
  56-83     0        2.00-2.99    0       C   0          General              0
  84-150    0        3.00-3.49    0       D   0                                     #### - Means there are not enough
  Grad.     0        3.50-4.00    0       F   0          Electives            0            responses to be significant
                                          P   0
                                          I   0          Other                0
                                          ?   0
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Title   Mech Engr Systems Desi   Baltimore County   MAR 22, 2010
Instructor: Tshibangu,Wa-Mu   Fall   2009   Job IRBR3029
Enrollment: 21
Questionnaires: 2   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   1   0   0   1   0  2.50 1503/1509  2.39 3.96  4.31 4.39  2.50
2. Did the instructor make clear the expected goals   0   0   0   0   1   1   0  3.50 1372/1509  3.60 3.98  4.26 4.26  3.50
3. Did the exam questions reflect the expected goals  0   0   0   1   1   0   0  2.50 1283/1287  3.36 3.98  4.30 4.38  2.50
4. Did other evaluations reflect the expected goals   0   0   0   0   1   1   0  3.50 1314/1459  3.64 3.94  4.22 4.32  3.50
5. Did assigned readings contribute to what you learned 0  0   0   1   1   0   0  2.50 1392/1406  2.17 3.62  4.09 4.11  2.50
6. Did written assignments contribute to what you learned 0 0  0   0   1   1   0  3.50 1192/1384  3.35 3.87  4.11 4.23  3.50
7. Was the grading system clearly explained           0   0   0   0   2   0   0  3.00 1403/1489  3.29 3.81  4.17 4.18  3.00
8. How many times was class cancelled                 0   0   0   0   0   1   1  4.50 1070/1506  4.40 4.70  4.67 4.67  4.50
9. How would you grade the overall teaching effectiveness 0 0  0   0   1   0   1  4.00  853/1463  3.38 3.78  4.09 4.18  4.00


                 Lecture
1. Were the instructor's lectures well prepared       1   0   0   0   1   0   0  3.00 1406/1438  3.62 4.27  4.46 4.50  3.00
2. Did the instructor seem interested in the subject  1   0   0   0   0   1   0  4.00 1345/1421  4.06 4.45  4.73 4.76  4.00
3. Was lecture material presented and explained clearly 1 0  0   0   0   1   0  4.00 1051/1411  3.88 3.95  4.31 4.35  4.00
4. Did the lectures contribute to what you learned    1   0   0   0   1   0   0  3.00 1348/1405  3.43 3.90  4.32 4.34  3.00
5. Did audiovisual techniques enhance your understanding 1 0  1   0   0   0   0  1.00 1235/1236  2.67 3.78  4.00 4.03  1.00


                 Discussion
1. Did class discussions contribute to what you learned 0 0  0   0   1   1   0  3.50 1045/1260  3.12 3.57  4.14 4.25  3.50
2. Were all students actively encouraged to participate 0 0  0   0   1   1   0  3.50 1127/1255  3.40 3.75  4.33 4.46  3.50
3. Did the instructor encourage fair and open discussion 0 0 0   0   0   1   1  4.50  620/1258  3.83 3.76  4.38 4.51  4.50
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                                         Frequency Distribution

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Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
------------------------------------------------------------------------------------------------------------------
 00-27      0        0.00-0.99   0      A   1       Required for Majors  2    Graduate     0      Major       1
 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   1
 84-150     1        3.00-3.49   0      D   0
 Grad.      0        3.50-4.00   1      F   0       Electives            0    #### - Means there are not enough
                                        P   0                                responses to be significant
                                        I   0       Other                0
                                        ?   0
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Course-Section: ENME 482L 1                       University of Maryland                                     Page  753
Title        Controls/Vib Lab                      Baltimore County                                        MAR 22, 2010
Instructor:  Tasch,Uri                             Fall  2009                                               Job IRBR3029
Enrollment:     30
Questionnaires: 24                      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  9 10  4.17  976/1509  4.17  3.96  4.31 4.39  4.17
2. Did the instructor make clear the expected goals   0   0  0  0  2  7 15  4.54  495/1509  4.54  3.98  4.26 4.26  4.54
3. Did the exam questions reflect the expected goals  0   0  1  0  2  5 16  4.46  578/1287  4.46  3.98  4.30 4.38  4.46
4. Did other evaluations reflect the expected goals   0   1  0  1  3  8 11  4.26  759/1459  4.26  3.94  4.22 4.32  4.26
5. Did assigned readings contribute to what you learned 1 12  0  2  3  3  3  3.64 1122/1406  3.64  3.62  4.09 4.11  3.64
6. Did written assignments contribute to what you learned 1 0 0  1  2  7 13  4.39  453/1384  4.39  3.87  4.11 4.23  4.39
7. Was the grading system clearly explained           1   0  0  2  1  5 15  4.43  555/1489  4.43  3.81  4.17 4.18  4.43
8. How many times was class cancelled                 1   0  0  0  0  0 23  5.00    1/1506  5.00  4.70  4.67 4.67  5.00
9. How would you grade the overall teaching effectiveness 8 1 0 1  2  5  7  4.20  690/1463  4.20  3.78  4.09 4.18  4.20


               Lecture
1. Were the instructor's lectures well prepared       1   0  0  0  1  5 17  4.70  545/1438  4.70  4.27  4.46 4.50  4.70
2. Did the instructor seem interested in the subject  0   0  0  0  1  4 19  4.75  881/1421  4.75  4.45  4.73 4.76  4.75
3. Was lecture material presented and explained clearly 0 0 0  0  3  7 14  4.46  677/1411  4.46  3.95  4.31 4.35  4.46
4. Did the lectures contribute to what you learned    0   0  0  2  1  9 12  4.29  866/1405  4.29  3.90  4.32 4.34  4.29
5. Did audiovisual techniques enhance your understanding 4 1 0  1  2  6 10  4.32  441/1236  4.32  3.78  4.00 4.03  4.32


               Discussion
1. Did class discussions contribute to what you learned 18 0 1  1  0  0  4  3.83  896/1260  3.83  3.57  4.14 4.25  3.83
2. Were all students actively encouraged to participate 18 0 0  0  0  2  4  4.67  443/1255  4.67  3.75  4.33 4.46  4.67
3. Did the instructor encourage fair and open discussion 19 0 0 0  1  0  4  4.60 ****/1258  ****  3.76  4.38 4.51  ****
4. Were special techniques successful                 18   4  0  0  0  0  2  5.00 ****/ 873  ****  3.68  4.03 4.26  ****


               Laboratory
1. Did the lab increase understanding of the material 12   0  0  0  0  4  8  4.67   37/ 184  4.67  4.34  4.16 4.62  4.67
2. Were you provided with adequate background information 12 0 1 0 2  5  4  3.92  150/ 198  3.92  3.89  4.22 4.37  3.92
3. Were necessary materials available for lab activities 12 0 0 0 1  1 10  4.75   53/ 184  4.75  4.40  4.48 4.66  4.75
4. Did the lab instructor provide assistance          12   1  0  0  0  6  5  4.45   91/ 177  4.45  3.87  4.36 4.47  4.45
5. Were requirements for lab reports clearly specified 13   0  0  1  2  1  7  4.27   79/ 165  4.27  3.77  4.18 4.29  4.27


               Seminar
1. Were assigned topics relevant to the announced theme 23 0 0  0  0  1  0  4.00 ****/  89  ****  ****  4.49 4.71  ****
2. Was the instructor available for individual attention 23 0 0 0  0  1  0  4.00 ****/  92  ****  ****  4.54 4.83  ****
3. Did research projects contribute to what you learned 23 0 0  0  0  1  0  4.00 ****/  90  ****  ****  4.50 4.69  ****
4. Did presentations contribute to what you learned   23   0  0  0  0  1  0  4.00 ****/  92  ****  ****  4.38 4.64  ****
5. Were criteria for grading made clear               23   0  0  0  0  1  0  4.00 ****/  93  ****  ****  4.06 4.32  ****

                                          Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades           Reasons                 Type                 Majors
-------------------------------------------------------------------------------------------------------------------
  00-27      0        0.00-0.99   0        A   11       Required for Majors  18    Graduate      0      Major       16
  28-55      0        1.00-1.99   0        B    8
  56-83      0        2.00-2.99   5        C    0       General               0    Under-grad   24      Non-major    8
  84-150    10        3.00-3.49   5        D    0
  Grad.      0        3.50-4.00   5        F    0       Electives             0    #### - Means there are not enough
                                          P    0                                   responses to be significant
                                          I    0       Other                 1
                                          ?    0
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Course-Section: ENME 488  16                University of Maryland                              Page  754
Title          Special Problems                 Baltimore County                              MAR 22, 2010
Instructor:    Carmi,Shlomo                     Fall   2009                                    Job IRBR3029
Enrollment:     1
Questionnaires:  1                     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  1  5.00    1/1509   5.00  3.96  4.31  4.39  5.00
2. Did the instructor make clear the expected goals     0   0   0  0  0  0  1  5.00    1/1509   5.00  3.98  4.26  4.26  5.00
3. Did the exam questions reflect the expected goals    0   0   0  0  0  0  1  5.00    1/1287   5.00  3.98  4.30  4.38  5.00
4. Did other evaluations reflect the expected goals     0   0   0  0  0  1  0  4.00  979/1459   4.00  3.94  4.22  4.32  4.00
5. Did assigned readings contribute to what you learned 0   0   0  1  0  0  0  2.00 1401/1406   2.00  3.62  4.09  4.11  2.00
6. Did written assignments contribute to what you learned 0  0  0  0  1  0  0  3.00 1322/1384   3.00  3.87  4.11  4.23  3.00
7. Was the grading system clearly explained             0   0   0  1  0  0  0  2.00 1481/1489   2.00  3.81  4.17  4.18  2.00
8. How many times was class cancelled                   0   0   0  0  0  0  1  5.00    1/1506   5.00  4.70  4.67  4.67  5.00
9. How would you grade the overall teaching effectiveness 0  0  0  0  0  0  1  5.00    1/1463   5.00  3.78  4.09  4.18  5.00


                 Lecture
1. Were the instructor's lectures well prepared         0   0   0  0  0  0  1  5.00    1/1438   5.00  4.27  4.46  4.50  5.00
2. Did the instructor seem interested in the subject    0   0   0  0  0  0  1  5.00    1/1421   5.00  4.45  4.73  4.76  5.00
3. Was lecture material presented and explained clearly 0   0   0  0  0  0  1  5.00    1/1411   5.00  3.95  4.31  4.35  5.00
4. Did the lectures contribute to what you learned      0   0   0  0  0  0  1  5.00    1/1405   5.00  3.90  4.32  4.34  5.00
5. Did audiovisual techniques enhance your understanding 0  0  0  0  0  0  1  5.00    1/1236   5.00  3.78  4.00  4.03  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  1    Graduate    0     Major        1
28-55      0        1.00-1.99    0         B    0
56-83      0        2.00-2.99    1         C    0       General              0    Under-grad  1     Non-major    0
84-150     1        3.00-3.49    0         D    0
Grad.      0        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
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Course-Section: ENME 489  1                    University of Maryland                             Page  755
Title        Spec Topics In Mech En             Baltimore County                                 MAR 22, 2010
Instructor:  Farquhar,Anthon                    Fall  2009                                       Job IRBR3029
Enrollment:     24
Questionnaires: 19                  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    2   0   0   0   2   4  11  4.53   574/1509  4.40  3.96  4.31  4.39  4.53
2. Did the instructor make clear the expected goals     2   0   0   1   3   3  10  4.29   817/1509  4.02  3.98  4.26  4.26  4.29
3. Did the exam questions reflect the expected goals    2   0   0   0   5   6   6  4.06   903/1287  3.95  3.98  4.30  4.38  4.06
4. Did other evaluations reflect the expected goals     2   0   0   0   4   5   8  4.24   792/1459  4.05  3.94  4.22  4.32  4.24
5. Did assigned readings contribute to what you learned 2   5   1   1   4   2   4  3.58  1147/1406  3.86  3.62  4.09  4.11  3.58
6. Did written assignments contribute to what you learned 3  2   0   0   4   4   6  4.14   718/1384  4.05  3.87  4.11  4.23  4.14
7. Was the grading system clearly explained             2   0   0   2   4   6   5  3.82  1162/1489  3.75  3.81  4.17  4.18  3.82
8. How many times was class cancelled                   2   0   0   0   0   1  16  4.94   350/1506  4.67  4.70  4.67  4.67  4.94
9. How would you grade the overall teaching effectiveness 5 0   0   0   0   9   5  4.36   523/1463  4.08  3.78  4.09  4.18  4.36


              Lecture
1. Were the instructor's lectures well prepared         2   0   0   0   0   9   8  4.47   839/1438  4.47  4.27  4.46  4.50  4.47
2. Did the instructor seem interested in the subject    2   0   0   0   0   0  17  5.00     1/1421  4.84  4.45  4.73  4.76  5.00
3. Was lecture material presented and explained clearly 2   0   0   0   1  12   4  4.18   950/1411  4.20  3.95  4.31  4.35  4.18
4. Did the lectures contribute to what you learned      2   0   0   0   2   5  10  4.47   671/1405  4.34  3.90  4.32  4.34  4.47
5. Did audiovisual techniques enhance your understanding 4  8   0   1   1   2   3  4.00   664/1236  4.20  3.78  4.00  4.03  4.00


              Discussion
1. Did class discussions contribute to what you learned 18  0   0   0   0   1   0  4.00  ****/1260  3.58  3.57  4.14  4.25  ****
2. Were all students actively encouraged to participate 18  0   0   0   1   0   0  3.00  ****/1255  3.65  3.75  4.33  4.46  ****
3. Did the instructor encourage fair and open discussion 18 0   0   0   1   0   0  3.00  ****/1258  3.69  3.76  4.38  4.51  ****

                                      Frequency Distribution


Credits Earned          Cum. GPA          Expected Grades          Reasons                    Type                     Majors
-------------------------------------------------------------------------------------------------------------------------------
 00-27      0       0.00-0.99   0        A   8      Required for Majors   4     Graduate      1       Major       17
 28-55      0       1.00-1.99   0        B   4                                 Under-grad   18       Non-major    2
 56-83      0       2.00-2.99   1        C   1      General               0     Under-grad   18       Non-major    2
 84-150     5       3.00-3.49   5        D   0
 Grad.      1       3.50-4.00   4        F   0      Electives            10     #### - Means there are not enough
                                         P   0                                 responses to be significant
                                         I   0      Other                 0
                                         ?   1
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Course-Section: ENME 489  2                    University of Maryland                              Page 756
Title          Spec Topics In Mech En          Baltimore County                                  MAR 22, 2010
Instructor:    Waikar,Shailesh                 Fall  2009                                        Job IRBR3029
Enrollment:    7
Questionnaires: 4               Student Course Evaluation Questionnaire
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                                                    Frequencies       Instructor   Course Dept  UMBC Level  Sect
              Questions                     NR  NA  1   2   3   4   5  Mean    Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course   0   0   0   0   0   1   3  4.75   303/1509  4.40  3.96  4.31 4.39  4.75
2. Did the instructor make clear the expected goals    0   0   0   0   0   4   0  4.00  1086/1509  4.02  3.98  4.26 4.26  4.00
3. Did the exam questions reflect the expected goals   0   0   0   0   1   2   1  4.00   924/1287  3.95  3.98  4.30 4.38  4.00
4. Did other evaluations reflect the expected goals    0   0   0   0   1   3   0  3.75  1192/1459  4.05  3.94  4.22 4.32  3.75
5. Did assigned readings contribute to what you learned 0   1   0   0   1   2   0  3.67  1105/1406  3.86  3.62  4.09 4.11  3.67
6. Did written assignments contribute to what you learned 0  0   0   0   0   3   1  4.25   619/1384  4.05  3.87  4.11 4.23  4.25
7. Was the grading system clearly explained            0   0   0   0   1   3   0  3.75  1197/1489  3.75  3.81  4.17 4.18  3.75
8. How many times was class cancelled                  0   0   0   0   0   1   3  4.75   845/1506  4.67  4.70  4.67 4.67  4.75
9. How would you grade the overall teaching effectiveness 0  0   0   0   0   3   1  4.25   628/1463  4.08  3.78  4.09 4.18  4.25


              Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   0   2   2  4.50   800/1438  4.47  4.27  4.46 4.50  4.50
2. Did the instructor seem interested in the subject   0   0   0   0   0   1   3  4.75   881/1421  4.84  4.45  4.73 4.76  4.75
3. Was lecture material presented and explained clearly 0  0   0   0   0   3   1  4.25   885/1411  4.20  3.95  4.31 4.35  4.25
4. Did the lectures contribute to what you learned     0   0   0   0   0   2   2  4.50   634/1405  4.34  3.90  4.32 4.34  4.50
5. Did audiovisual techniques enhance your understanding 0  0   0   0   1   2   1  4.00   664/1236  4.20  3.78  4.00 4.03  4.00


              Discussion
1. Did class discussions contribute to what you learned 0  0   0   0   2   2   0  3.50  1045/1260  3.58  3.57  4.14 4.25  3.50
2. Were all students actively encouraged to participate 0  0   0   0   2   1   1  3.75  1054/1255  3.65  3.75  4.33 4.46  3.75
3. Did the instructor encourage fair and open discussion 0  0   0   0   2   2   0  3.50  1143/1258  3.69  3.76  4.38 4.51  3.50
4. Were special techniques successful                  0   3   0   0   0   1   0  4.00   442/ 873  3.64  3.68  4.03 4.26  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    0        Required for Majors   2     Graduate      2       Major       2
  28-55     0       1.00-1.99   0        B    4                                                     
  56-83     0       2.00-2.99   0        C    0        General               0     Under-grad    2       Non-major   2
  84-150    1       3.00-3.49   3        D    0
  Grad.     2       3.50-4.00   0        F    0        Electives             2     #### - Means there are not enough
                                         P    0                                    responses to be significant
                                         I    0        Other                 0
                                         ?    0
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Course-Section: ENME 489  3                    University of Maryland                        Page  757
Title         Spec Topics In Mech En            Baltimore County                            MAR 22, 2010
Instructor:   Mogavero,Marc A                   Fall   2009                                 Job IRBR3029
Enrollment:   30
Questionnaires: 27                     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 10 12  4.22  911/1509  4.40  3.96  4.31  4.39  4.22
2. Did the instructor make clear the expected goals   0   0  0  0  2 12 13  4.41  699/1509  4.02  3.98  4.26  4.26  4.41
3. Did the exam questions reflect the expected goals  0   0  1  1  2  9 14  4.26  779/1287  3.95  3.98  4.30  4.38  4.26
4. Did other evaluations reflect the expected goals   0   0  0  1  2 11 13  4.33  686/1459  4.05  3.94  4.22  4.32  4.33
5. Did assigned readings contribute to what you learned 0  2  3  1  7  9  5  3.48 1189/1406  3.86  3.62  4.09  4.11  3.48
6. Did written assignments contribute to what you learned 0 1 2  6  3  9  6  3.42 1226/1384  4.05  3.87  4.11  4.23  3.42
7. Was the grading system clearly explained           0   0  0  1  1  6 19  4.59  352/1489  3.75  3.81  4.17  4.18  4.59
8. How many times was class cancelled                 0   0  0  0  0 16 11  4.41 1166/1506  4.67  4.70  4.67  4.67  4.41
9. How would you grade the overall teaching effectiveness 4 0 0 0  4 10  9  4.22  668/1463  4.08  3.78  4.09  4.18  4.22


                 Lecture
1. Were the instructor's lectures well prepared       1   0  0  0  0  7 19  4.73  480/1438  4.47  4.27  4.46  4.50  4.73
2. Did the instructor seem interested in the subject  1   0  0  0  2  1 23  4.81  794/1421  4.84  4.45  4.73  4.76  4.81
3. Was lecture material presented and explained clearly 1 0  0  1  2 13 10  4.23  902/1411  4.20  3.95  4.31  4.35  4.23
4. Did the lectures contribute to what you learned    1   0  0  1  3  9 13  4.31  859/1405  4.34  3.90  4.32  4.34  4.31
5. Did audiovisual techniques enhance your understanding 1 2 0  1  6  5 12  4.17  563/1236  4.20  3.78  4.00  4.03  4.17


                 Discussion
1. Did class discussions contribute to what you learned 24 0 0 0  1  0  2  4.33 ****/1260  3.58  3.57  4.14  4.25  ****
2. Were all students actively encouraged to participate 23 0 0 0  0  1  3  4.75 ****/1255  3.65  3.75  4.33  4.46  ****
3. Did the instructor encourage fair and open discussion 23 0 0 0 0  1  3  4.75 ****/1258  3.69  3.76  4.38  4.51  ****
4. Were special techniques successful                 24   2  0  0  0  0  1  5.00 ****/ 873  3.64  3.68  4.03  4.26  ****

                                       Frequency Distribution

Credits Earned         Cum. GPA          Expected Grades           Reasons                Type                 Majors
------------------------------------------------------------------------------------------------------------
  00-27      0       0.00-0.99    0        A  15       Required for Majors  14    Graduate      0      Major        26
  28-55      0       1.00-1.99    1        B   7                                                      
  56-83      0       2.00-2.99    6        C   0       General               1    Under-grad   27      Non-major     1
  84-150    12       3.00-3.49    7        D   0
  Grad.      0       3.50-4.00    4        F   1       Electives             9    #### - Means there are not enough
                                          P   0                                   responses to be significant
                                          I   0       Other                 0
                                          ?   1
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Course-Section: ENME 489  5                     University of Maryland                                    Page  758
Title       Spec Topics In Mech En              Baltimore County                                     MAR 22, 2010
Instructor:  Ma,Ronghui                         Fall   2009                                          Job IRBR3029
Enrollment:    16
Questionnaires:  15                    Student Course Evaluation Questionnaire
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                                                  Frequencies      Instructor   Course Dept  UMBC Level  Sect
                Questions                 NR  NA   1   2   3   4   5  Mean    Rank    Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course   1   0   1   1   4   1   7  3.86 1251/1509  4.40  3.96  4.31 4.39  3.86
2. Did the instructor make clear the expected goals    1   0   0   3   3   2   6  3.79 1240/1509  4.02  3.98  4.26 4.26  3.79
3. Did the exam questions reflect the expected goals   1   0   1   2   2   5   4  3.64 1123/1287  3.95  3.98  4.30 4.38  3.64
4. Did other evaluations reflect the expected goals    1   2   1   2   1   1   7  3.92 1077/1459  4.05  3.94  4.22 4.32  3.92
5. Did assigned readings contribute to what you learned 1  2   0   2   1   5   4  3.92  921/1406  3.86  3.62  4.09 4.11  3.92
6. Did written assignments contribute to what you learned 1 0  0   0   3   5   6  4.21  659/1384  4.05  3.87  4.11 4.23  4.21
7. Was the grading system clearly explained            1   0   0   1   3   6   4  3.93 1082/1489  3.75  3.81  4.17 4.18  3.93
8. How many times was class cancelled                  1   0   0   0   0   4  10  4.71  896/1506  4.67  4.70  4.67 4.67  4.71
9. How would you grade the overall teaching effectiveness 4 0  0   0   3   2   6  4.27  608/1463  4.08  3.78  4.09 4.18  4.27


                Lecture
1. Were the instructor's lectures well prepared        2   0   0   2   1   0  10  4.38  950/1438  4.47  4.27  4.46 4.50  4.38
2. Did the instructor seem interested in the subject   2   0   0   1   1   0  11  4.62 1072/1421  4.84  4.45  4.73 4.76  4.62
3. Was lecture material presented and explained clearly 2  0   1   1   2   4   5  3.85 1170/1411  4.20  3.95  4.31 4.35  3.85
4. Did the lectures contribute to what you learned     2   0   1   0   4   1   7  4.00 1047/1405  4.34  3.90  4.32 4.34  4.00
5. Did audiovisual techniques enhance your understanding 2 4  1   0   0   4   4  4.11  607/1236  4.20  3.78  4.00 4.03  4.11


                Discussion
1. Did class discussions contribute to what you learned 6  0   0   2   1   4   2  3.67  982/1260  3.58  3.57  4.14 4.25  3.67
2. Were all students actively encouraged to participate 6  0   0   2   3   1   3  3.56 1115/1255  3.65  3.75  4.33 4.46  3.56
3. Did the instructor encourage fair and open discussion 6 0  0   1   3   1   4  3.89 1021/1258  3.69  3.76  4.38 4.51  3.89
4. Were special techniques successful                  6   2   1   1   1   3   1  3.29  765/ 873  3.64  3.68  4.03 4.26  3.29


                Laboratory
1. Did the lab increase understanding of the material  12  2   0   0   0   0   1  5.00 ****/ 184  ****  4.34  4.16 4.62  ****
2. Were you provided with adequate background information 13 0 0  0   1   0   1  4.00 ****/ 198  ****  3.89  4.22 4.37  ****
3. Were necessary materials available for lab activities 13 1 0  0   0   0   1  5.00 ****/ 184  ****  4.40  4.48 4.66  ****
4. Did the lab instructor provide assistance           13  1   0   0   0   0   1  5.00 ****/ 177  ****  3.87  4.36 4.47  ****
5. Were requirements for lab reports clearly specified 13  1   0   0   0   0   1  5.00 ****/ 165  ****  3.77  4.18 4.29  ****


                Seminar
1. Were assigned topics relevant to the announced theme 14 0  0   0   0   1   0  4.00 ****/  89  ****  ****  4.49 4.71  ****
2. Was the instructor available for individual attention 13 0 0  0   1   0   1  4.00 ****/  92  ****  ****  4.54 4.83  ****
3. Did research projects contribute to what you learned 13 1  0   0   0   0   1  5.00 ****/  90  ****  ****  4.50 4.69  ****
4. Did presentations contribute to what you learned    13  1   0   0   0   0   1  5.00 ****/  92  ****  ****  4.38 4.64  ****
5. Were criteria for grading made clear                13  1   0   0   0   0   1  5.00 ****/  93  ****  ****  4.06 4.32  ****


                Field Work
1. Did field experience contribute to what you learned 13  0   0   0   1   0   1  4.00 ****/  48  ****  ****  4.39 4.75  ****
2. Did you clearly understand your evaluation criteria 13  0   0   0   0   1   1  4.50 ****/  48  ****  ****  4.41 4.54  ****
3. Was the instructor available for consultation       13  0   0   0   0   0   2  5.00 ****/  47  ****  ****  4.51 4.51  ****
4. To what degree could you discuss your evaluations   13  0   0   0   0   0   2  5.00 ****/  47  ****  ****  4.18 4.19  ****
5. Did conferences help you carry out field activities 13  0   0   0   0   1   1  4.50 ****/  44  ****  ****  4.32 4.07  ****


                Self  Paced
1. Did self-paced system contribute to what you learned 12 0  0   0   1   0   2  4.33 ****/  49  ****  ****  4.26 4.67  ****
2. Did study questions make clear the expected goal    12  0   0   0   1   0   2  4.33 ****/  41  ****  ****  4.14 4.50  ****
3. Were your contacts with the instructor helpful      12  0   0   0   1   0   2  4.33 ****/  46  ****  ****  4.31 4.67  ****
4. Was the feedback/tutoring by proctors helpful       13  0   0   0   1   0   1  4.00 ****/  37  ****  ****  4.05 4.67  ****
5. Were there enough proctors for all the students     13  1   0   0   0   0   1  5.00 ****/  30  ****  ****  4.27 4.33  ****
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Enrollment: 16
Questionnaires: 15   Student Course Evaluation Questionnaire

                                          Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
 00-27   2   0.00-0.99   0   A   6   Required for Majors   7   Graduate   3   Major   12
 28-55   0   1.00-1.99   0   B   3   Under-grad   12
 56-83   0   2.00-2.99   0   C   0   General   1   Under-grad   12   Non-major   3
 84-150   0   3.00-3.49   0   D   0
 Grad.   3   3.50-4.00   4   F   0   Electives   0   #### - Means there are not enough
                                           P   0   responses to be significant
                                           I   0   Other   0
                                           ?   1

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Course-Section: ENME 489  6                    University of Maryland                              Page  759
Title       Spec Topics In Mech En             Baltimore County                                    MAR 22, 2010
Instructor:  Su,Haijun                         Fall   2009                                         Job IRBR3029
Enrollment:   23
Questionnaires: 19                      Student Course Evaluation Questionnaire


                                               Frequencies       Instructor   Course Dept  UMBC Level  Sect
              Questions                   NR  NA  1   2   3   4   5  Mean     Rank    Mean   Mean  Mean Mean  Mean
--------------------------------------------------------------------------------------------------------------------
              General
 1. Did you gain new insights,skills from this course    0   0   0   1   2   5  11  4.37   767/1509  4.40  3.96  4.31 4.39  4.37
 2. Did the instructor make clear the expected goals     0   0   0   1   1   8   9  4.32   796/1509  4.02  3.98  4.26 4.26  4.32
 3. Did the exam questions reflect the expected goals    0   0   0   0   1   9   9  4.42   614/1287  3.95  3.98  4.30 4.38  4.42
 4. Did other evaluations reflect the expected goals     0   0   0   1   3   9   6  4.05   945/1459  4.05  3.94  4.22 4.32  4.05
 5. Did assigned readings contribute to what you learned 0   4   0   1   3   6   5  4.00   813/1406  3.86  3.62  4.09 4.11  4.00
 6. Did written assignments contribute to what you learned 0  2   0   1   3   9   4  3.94   886/1384  4.05  3.87  4.11 4.23  3.94
 7. Was the grading system clearly explained             1   0   0   1   1   6  10  4.39   619/1489  3.75  3.81  4.17 4.18  4.39
 8. How many times was class cancelled                   0   0   0   0   0   2  17  4.89   602/1506  4.67  4.70  4.67 4.67  4.89
 9. How would you grade the overall teaching effectiveness 1  0   0   0   3  11   4  4.06   826/1463  4.08  3.78  4.09 4.18  4.06


              Lecture
 1. Were the instructor's lectures well prepared         0   0   0   0   1   9   9  4.42   904/1438  4.47  4.27  4.46 4.50  4.42
 2. Did the instructor seem interested in the subject    0   0   0   0   0   2  17  4.89   562/1421  4.84  4.45  4.73 4.76  4.89
 3. Was lecture material presented and explained clearly 0   0   0   0   1  10   8  4.37   779/1411  4.20  3.95  4.31 4.35  4.37
 4. Did the lectures contribute to what you learned      0   0   0   0   0  11   8  4.42   733/1405  4.34  3.90  4.32 4.34  4.42
 5. Did audiovisual techniques enhance your understanding 0  4   1   0   3   6   5  3.93   741/1236  4.20  3.78  4.00 4.03  3.93


              Discussion
 1. Did class discussions contribute to what you learned 17  0   0   0   0   1   1  4.50  ****/1260  3.58  3.57  4.14 4.25  ****
 2. Were all students actively encouraged to participate 17  0   0   0   0   1   1  4.50  ****/1255  3.65  3.75  4.33 4.46  ****
 3. Did the instructor encourage fair and open discussion 17 0  0   0   0   1   1  4.50  ****/1258  3.69  3.76  4.38 4.51  ****
 4. Were special techniques successful                   17  0   0   0   0   1   1  4.50  ****/ 873  3.64  3.68  4.03 4.26  ****


              Laboratory
 2. Were you provided with adequate background information 18  0  0   0   0   0   1  5.00  ****/ 198  ****  3.89  4.22 4.37  ****


              Seminar
 1. Were assigned topics relevant to the announced theme 18  0   0   0   0   0   1  5.00  ****/  89  ****  ****  4.49 4.71  ****
 2. Was the instructor available for individual attention 18  0  0   0   0   0   1  5.00  ****/  92  ****  ****  4.54 4.83  ****
 3. Did research projects contribute to what you learned 18  0   0   0   0   0   1  5.00  ****/  90  ****  ****  4.50 4.69  ****
 4. Did presentations contribute to what you learned     18  0   0   0   0   0   1  5.00  ****/  92  ****  ****  4.38 4.64  ****
 5. Were criteria for grading made clear                 18  0   0   0   0   0   1  5.00  ****/  93  ****  ****  4.06 4.32  ****


              Field Work
 1. Did field experience contribute to what you learned  18  0   0   0   1   0   0  3.00  ****/  48  ****  ****  4.39 4.75  ****
 2. Did you clearly understand your evaluation criteria   18  0   0   0   0   0   1  5.00  ****/  48  ****  ****  4.41 4.54  ****
 3. Was the instructor available for consultation         18  0   0   0   0   0   1  5.00  ****/  47  ****  ****  4.51 4.51  ****
 4. To what degree could you discuss your evaluations     18  0   0   0   0   0   1  5.00  ****/  47  ****  ****  4.18 4.19  ****
 5. Did conferences help you carry out field activities   18  0   0   0   0   0   1  5.00  ****/  44  ****  ****  4.32 4.07  ****


              Self Paced
 1. Did self-paced system contribute to what you learned 18  0   0   0   1   0   0  3.00  ****/  49  ****  ****  4.26 4.67  ****
 2. Did study questions make clear the expected goal      18  0   0   0   0   0   1  5.00  ****/  41  ****  ****  4.14 4.50  ****
 3. Were your contacts with the instructor helpful        18  0   0   0   0   0   1  5.00  ****/  46  ****  ****  4.31 4.67  ****
 4. Was the feedback/tutoring by proctors helpful         18  0   0   0   0   0   1  5.00  ****/  37  ****  ****  4.05 4.67  ****
 5. Were there enough proctors for all the students       18  0   0   0   0   0   1  5.00  ****/  30  ****  ****  4.27 4.33  ****
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                                          Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
 00-27   1   0.00-0.99   0   A   5   Required for Majors 11   Graduate   0   Major   17
 28-55   0   1.00-1.99   0   B   9
 56-83   0   2.00-2.99   3   C   3   General   0   Under-grad 19   Non-major   2
 84-150   9   3.00-3.49   6   D   0
 Grad.   0   3.50-4.00   3   F   0   Electives   4   #### - Means there are not enough
                                            P   0   responses to be significant
                                            I   0   Other   1
                                            ?   0

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Course-Section: ENME 489  8                    University of Maryland                              Page  760
Title       Spec Topics In Mech En             Baltimore County                                   MAR 22, 2010
Instructor: Spence,Anne M                      Fall   2009                                        Job IRBR3029
Enrollment:    3
Questionnaires: 3                      Student Course Evaluation Questionnaire

                                         Frequencies      Instructor   Course Dept  UMBC Level  Sect
                Questions              NR  NA  1  2  3  4  5  Mean    Rank      Mean  Mean  Mean  Mean  Mean
------------------------------------------------------------------------------------------------------------
                General
1. Did you gain new insights,skills from this course    0  0  0  0  0  1  2  4.67   410/1509   4.40  3.96  4.31  4.39  4.67
2. Did the instructor make clear the expected goals     0  0  0  0  2  1  0  3.33  1419/1509   4.02  3.98  4.26  4.26  3.33
3. Did the exam questions reflect the expected goals    0  0  0  0  2  1  0  3.33  1204/1287   3.95  3.98  4.30  4.38  3.33
4. Did other evaluations reflect the expected goals     0  0  0  0  0  3  0  4.00   979/1459   4.05  3.94  4.22  4.32  4.00
5. Did assigned readings contribute to what you learned 0  1  0  0  0  1  1  4.50   332/1406   3.86  3.62  4.09  4.11  4.50
6. Did written assignments contribute to what you learned 0  0  0  0  0  2  1  4.33  531/1384   4.05  3.87  4.11  4.23  4.33
7. Was the grading system clearly explained             0  0  1  1  1  0  0  2.00  1481/1489   3.75  3.81  4.17  4.18  2.00
8. How many times was class cancelled                   0  0  0  0  0  2  1  4.33  1205/1506   4.67  4.70  4.67  4.67  4.33
9. How would you grade the overall teaching effectiveness 0  0  0  0  2  1  0  3.33  1314/1463   4.08  3.78  4.09  4.18  3.33

                Lecture
1. Were the instructor's lectures well prepared         0  0  0  0  0  2  1  4.33  1001/1438   4.47  4.27  4.46  4.50  4.33
2. Did the instructor seem interested in the subject    0  0  0  0  0  0  3  5.00     1/1421   4.84  4.45  4.73  4.76  5.00
3. Was lecture material presented and explained clearly 0  0  0  0  0  2  1  4.33   810/1411   4.20  3.95  4.31  4.35  4.33
4. Did the lectures contribute to what you learned      0  0  0  0  1  0  2  4.33   828/1405   4.34  3.90  4.32  4.34  4.33
5. Did audiovisual techniques enhance your understanding 0  0  0  0  0  0  3  5.00     1/1236   4.20  3.78  4.00  4.03  5.00


                              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    1     Major        0
28-55       0       1.00-1.99    0          B    0
56-83       1       2.00-2.99    0          C    0         General              0     Under-grad  2     Non-major    3
84-150      1       3.00-3.49    2          D    0
Grad.       1       3.50-4.00    1          F    0         Electives            3     #### - Means there are not enough
                                            P    0                                     responses to be significant
                                            I    0         Other                0
                                            ?    0
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Course-Section: ENME 645  1                University of Maryland                            Page  761
Title         Appl Comp Thermo/Fluid         Baltimore County                              MAR 22, 2010
Instructor:   Jiang,Weiyuan                  Fall  2009                                     Job IRBR3029
Enrollment:   11
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  1  2  0  3  1  3.14 1464/1509  3.14  3.96  4.31  4.39  3.14
2. Did the instructor make clear the expected goals     0   0  1  2  2  1  1  2.86 1487/1509  2.86  3.98  4.26  4.25  2.86
4. Did other evaluations reflect the expected goals     0   1  0  2  3  0  1  3.00 1422/1459  3.00  3.94  4.22  4.16  3.00
5. Did assigned readings contribute to what you learned 0   2  2  0  1  1  1  2.80 1369/1406  2.80  3.62  4.09  4.12  2.80
6. Did written assignments contribute to what you learned 0 0  0  3  0  2  2  3.43 1226/1384  3.43  3.87  4.11  4.16  3.43
7. Was the grading system clearly explained             0   1  2  1  0  2  1  2.83 1430/1489  2.83  3.81  4.17  4.14  2.83
8. How many times was class cancelled                   0   0  0  0  2  4  1  3.86 1456/1506  3.86  4.70  4.67  4.71  3.86
9. How would you grade the overall teaching effectiveness 2 0  2  1  2  0  0  2.00 1454/1463  2.00  3.78  4.09  4.15  2.00


              Lecture
1. Were the instructor's lectures well prepared         0   0  0  1  2  2  2  3.71 1330/1438  3.71  4.27  4.46  4.49  3.71
2. Did the instructor seem interested in the subject    0   0  0  0  0  2  5  4.71  950/1421  4.71  4.45  4.73  4.78  4.71
3. Was lecture material presented and explained clearly 1   0  2  0  2  1  1  2.83 1383/1411  2.83  3.95  4.31  4.33  2.83
4. Did the lectures contribute to what you learned      1   0  3  0  1  1  1  2.50 1388/1405  2.50  3.90  4.32  4.33  2.50
5. Did audiovisual techniques enhance your understanding 1  4  0  0  0  1  1  4.50  274/1236  4.50  3.78  4.00  3.98  4.50


              Discussion
1. Did class discussions contribute to what you learned 5   0  1  0  1  0  0  2.00 1257/1260  2.00  3.57  4.14  4.21  2.00
2. Were all students actively encouraged to participate 5   0  0  0  1  0  1  4.00  904/1255  4.00  3.75  4.33  4.43  4.00
3. Did the instructor encourage fair and open discussion 5  0  0  0  1  1  0  3.50 1143/1258  3.50  3.76  4.38  4.50  3.50
4. Were special techniques successful                   5   0  0  1  0  1  0  3.00  801/ 873  3.00  3.68  4.03  4.01  3.00


                                 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     4      Major       2
  28-55     0       1.00-1.99   0       B   1
  56-83     0       2.00-2.99   0       C   0       General              0     Under-grad   3      Non-major   5
  84-150    1       3.00-3.49   0       D   0
  Grad.     4       3.50-4.00   5       F   0       Electives            5     #### - Means there are not enough
                                        P   0                                  responses to be significant
                                        I   0       Other                0
                                        ?   1
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Course-Section: ENME 662  1                   University of Maryland                              Page  762
Title      Linear Vibrations                  Baltimore County                                 MAR 22, 2010
Instructor:  Zhu,Weidong                      Fall  2009                                       Job IRBR3029
Enrollment:    25
Questionnaires:  17                 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  6  9 4.41  711/1509  4.41  3.96  4.31 4.39  4.41
2. Did the instructor make clear the expected goals    0   0  0  0  2  4 11 4.53  519/1509  4.53  3.98  4.26 4.25  4.53
3. Did the exam questions reflect the expected goals   0   0  0  0  1  3 13 4.71  315/1287  4.71  3.98  4.30 4.22  4.71
4. Did other evaluations reflect the expected goals    0   3  0  1  1  2 10 4.50  454/1459  4.50  3.94  4.22 4.16  4.50
5. Did assigned readings contribute to what you learned 0  2  1  1  3  3  7 3.93  897/1406  3.93  3.62  4.09 4.12  3.93
6. Did written assignments contribute to what you learned 0 4  0  0  2  4  7 4.38  466/1384  4.38  3.87  4.11 4.16  4.38
7. Was the grading system clearly explained            0   0  0  0  4  1 12 4.47  499/1489  4.47  3.81  4.17 4.14  4.47
8. How many times was class cancelled                  0   0  0  0  0  0 17 5.00    1/1506  5.00  4.70  4.67 4.71  5.00
9. How would you grade the overall teaching effectiveness 1 0  0  0  3  7  6 4.19  702/1463  4.19  3.78  4.09 4.15  4.19


                Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  1  6 10 4.53  775/1438  4.53  4.27  4.46 4.49  4.53
2. Did the instructor seem interested in the subject   0   0  0  0  0  1 16 4.94  322/1421  4.94  4.45  4.73 4.78  4.94
3. Was lecture material presented and explained clearly 0  0  0  2  2  4  9 4.18  950/1411  4.18  3.95  4.31 4.33  4.18
4. Did the lectures contribute to what you learned     0   0  0  0  1  5 11 4.59  558/1405  4.59  3.90  4.32 4.33  4.59
5. Did audiovisual techniques enhance your understanding 6 6  1  0  1  0  3 3.80  824/1236  3.80  3.78  4.00 3.98  3.80


                Discussion
1. Did class discussions contribute to what you learned 9  0  0  2  2  2  2 3.50 1045/1260  3.50  3.57  4.14 4.21  3.50
2. Were all students actively encouraged to participate 9  0  0  0  1  2  5 4.50  575/1255  4.50  3.75  4.33 4.43  4.50
3. Did the instructor encourage fair and open discussion 9 0  0  0  2  1  5 4.38  742/1258  4.38  3.76  4.38 4.50  4.38
4. Were special techniques successful                  9   1  0  0  3  1  3 4.00  442/ 873  4.00  3.68  4.03 4.01  4.00


                Laboratory
1. Did the lab increase understanding of the material  13  2  1  0  0  0  1 3.00 ****/ 184  ****  4.34  4.16 4.07  ****
2. Were you provided with adequate background information 15 0 0 0  0  1  1 4.50 ****/ 198  ****  3.89  4.22 4.31  ****
3. Were necessary materials available for lab activities 15 0  0  0  0  1  1 4.50 ****/ 184  ****  4.40  4.48 4.11  ****
4. Did the lab instructor provide assistance           15  0  0  0  0  1  1 4.50 ****/ 177  ****  3.87  4.36 4.41  ****
5. Were requirements for lab reports clearly specified  15 0  0  0  0  1  1 4.50 ****/ 165  ****  3.77  4.18 4.25  ****


                Seminar
1. Were assigned topics relevant to the announced theme 15 1  0  0  0  1  0 4.00 ****/  89  ****  ****  4.49 4.39  ****
2. Was the instructor available for individual attention 16 0  0  0  0  1  0 4.00 ****/  92  ****  ****  4.54 4.52  ****
3. Did research projects contribute to what you learned 15 0  0  0  1  1  0 3.50 ****/  90  ****  ****  4.50 4.48  ****
4. Did presentations contribute to what you learned    15  1  0  0  0  0  1 5.00 ****/  92  ****  ****  4.38 4.30  ****
5. Were criteria for grading made clear                15  1  0  0  0  0  1 5.00 ****/  93  ****  ****  4.06 4.04  ****


                Field Work
1. Did field experience contribute to what you learned  14 0  0  1  0  0  2 4.00 ****/  48  ****  ****  4.39 4.36  ****
2. Did you clearly understand your evaluation criteria  14 0  0  0  0  1  2 4.67 ****/  48  ****  ****  4.41 4.40  ****
3. Was the instructor available for consultation       14  0  0  0  0  1  2 4.67 ****/  47  ****  ****  4.51 4.43  ****
4. To what degree could you discuss your evaluations   14  0  0  0  0  2  1 4.33 ****/  47  ****  ****  4.18 4.03  ****
5. Did conferences help you carry out field activities  14 0  0  1  1  0  1 3.33 ****/  44  ****  ****  4.32 4.45  ****


                Self  Paced
1. Did self-paced system contribute to what you learned 15 0  0  0  0  2  0 4.00 ****/  49  ****  ****  4.26 4.16  ****
2. Did study questions make clear the expected goal    15  0  0  0  1  1  0 3.50 ****/  41  ****  ****  4.14 4.08  ****
3. Were your contacts with the instructor helpful      15  0  0  0  1  1  0 3.50 ****/  46  ****  ****  4.31 4.11  ****
4. Was the feedback/tutoring by proctors helpful       15  0  0  0  1  1  0 3.50 ****/  37  ****  ****  4.05 3.69  ****
5. Were there enough proctors for all the students     15  0  0  0  1  1  0 3.50 ****/  30  ****  ****  4.27 4.26  ****
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Title   Linear Vibrations   Baltimore County   MAR 22, 2010
Instructor: Zhu,Weidong   Fall   2009   Job IRBR3029
Enrollment: 25
Questionnaires: 17   Student Course Evaluation Questionnaire

                                                      Frequency Distribution

Credits Earned   Cum. GPA   Expected Grades   Reasons   Type   Majors
----
 00-27   2   0.00-0.99   0   A   9   Required for Majors 13   Graduate   5   Major   12
 28-55   0   1.00-1.99   0   B   5
 56-83   0   2.00-2.99   0   C   0   General   0   Under-grad   12   Non-major   5
 84-150   0   3.00-3.49   0   D   0
 Grad.   5   3.50-4.00   3   F   0   Electives   0   #### - Means there are not enough
                                              P   0   responses to be significant
                                              I   0   Other   0
                                              ?   0

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Course-Section: ENME 670  1                    University of Maryland                              Page  763
Title         Continuum Mechanics              Baltimore County                              MAR 22, 2010
Instructor:   Erdem,Ali U.                     Fall   2009                                   Job IRBR3029
Enrollment:   13
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   2   2   2   4  3.80 1288/1509  3.80  3.96  4.31  4.39  3.80
         2. Did the instructor make clear the expected goals    0   0   1   3   0   2   4  3.50 1372/1509  3.50  3.98  4.26  4.25  3.50
         3. Did the exam questions reflect the expected goals   0   0   0   3   1   4   2  3.50 1168/1287  3.50  3.98  4.30  4.22  3.50
         4. Did other evaluations reflect the expected goals    0   1   2   0   3   4   0  3.00 1422/1459  3.00  3.94  4.22  4.16  3.00
         5. Did assigned readings contribute to what you learned 0  4   0   1   1   3   1  3.67 1105/1406  3.67  3.62  4.09  4.12  3.67
         6. Did written assignments contribute to what you learned 0 1  1   1   2   4   1  3.33 1264/1384  3.33  3.87  4.11  4.16  3.33
         7. Was the grading system clearly explained            0   0   2   1   3   2   2  3.10 1398/1489  3.10  3.81  4.17  4.14  3.10
         8. How many times was class cancelled                  0   0   0   0   0   0  10  5.00    1/1506  5.00  4.70  4.67  4.71  5.00
         9. How would you grade the overall teaching effectiveness 1 0 3  0   1   0   5  3.44 1273/1463  3.44  3.78  4.09  4.15  3.44


                 Lecture
         1. Were the instructor's lectures well prepared        0   0   0   0   2   4   4  4.20 1116/1438  4.20  4.27  4.46  4.49  4.20
         2. Did the instructor seem interested in the subject   0   0   0   0   1   3   6  4.50 1162/1421  4.50  4.45  4.73  4.78  4.50
         3. Was lecture material presented and explained clearly 0  0   1   1   3   3   2  3.40 1309/1411  3.40  3.95  4.31  4.33  3.40
         4. Did the lectures contribute to what you learned     0   0   1   1   2   2   4  3.70 1206/1405  3.70  3.90  4.32  4.33  3.70
         5. Did audiovisual techniques enhance your understanding 1 8  0   0   0   1   0  4.00 ****/1236  ****  3.78  4.00  3.98  ****


                 Discussion
         1. Did class discussions contribute to what you learned 2  0   1   2   3   2   0  2.75 1212/1260  2.75  3.57  4.14  4.21  2.75
         2. Were all students actively encouraged to participate 2  0   2   2   4   0   0  2.25 1249/1255  2.25  3.75  4.33  4.43  2.25
         3. Did the instructor encourage fair and open discussion 2 0  2   2   4   0   0  2.25 1253/1258  2.25  3.76  4.38  4.50  2.25
         4. Were special techniques successful                  2   6   1   1   0   0   0  1.50 ****/ 873  ****  3.68  4.03  4.01  ****


                 Field Work
         1. Did field experience contribute to what you learned 9   0   0   0   0   0   1  5.00 ****/  48  ****  ****  4.39  4.36  ****
         2. Did you clearly understand your evaluation criteria 9   0   0   0   0   0   1  5.00 ****/  48  ****  ****  4.41  4.40  ****


                 Self  Paced
         1. Did self-paced system contribute to what you learned 8  0   1   0   0   1   0  2.50 ****/  49  ****  ****  4.26  4.16  ****
         2. Did study questions make clear the expected goal    9   0   0   0   0   1   0  4.00 ****/  41  ****  ****  4.14  4.08  ****
         3. Were your contacts with the instructor helpful      9   0   0   0   0   1   0  4.00 ****/  46  ****  ****  4.31  4.11  ****


                                      Frequency Distribution

         Credits Earned        Cum. GPA        Expected Grades         Reasons                Type                Majors
         ----------------------------------------------------------------------------------------------------------------------------
         00-27     1    0.00-0.99    1       A    7      Required for Majors  8    Graduate    8      Major      10
         28-55     0    1.00-1.99    0       B    1
         56-83     0    2.00-2.99    0       C    1      General              1    Under-grad  2      Non-major   0
         84-150    0    3.00-3.49    0       D    0
         Grad.     8    3.50-4.00    1       F    0      Electives            1    #### - Means there are not enough
                                             P    0                                responses to be significant
                                             I    0      Other                0
                                             ?    0
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Enrollment: 12
Questionnaires: 9   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  1   7  4.67  410/1509  4.67  3.96  4.31  4.39  4.67
2. Did the instructor make clear the expected goals    0   0  0  0  0  2   7  4.78  234/1509  4.78  3.98  4.26  4.25  4.78
3. Did the exam questions reflect the expected goals   0   0  0  0  0  3   6  4.67  359/1287  4.67  3.98  4.30  4.22  4.67
4. Did other evaluations reflect the expected goals    0   0  0  0  0  3   6  4.67  280/1459  4.67  3.94  4.22  4.16  4.67
5. Did assigned readings contribute to what you learned  0   2  0  0  1  1   5  4.57  287/1406  4.57  3.62  4.09  4.12  4.57
6. Did written assignments contribute to what you learned 0   0  0  0  1  2   6  4.56  313/1384  4.56  3.87  4.11  4.16  4.56
7. Was the grading system clearly explained            0   0  0  0  1  1   7  4.67  276/1489  4.67  3.81  4.17  4.14  4.67
8. How many times was class cancelled                  0   1  0  1  0  0   7  4.63  973/1506  4.63  4.70  4.67  4.71  4.63
9. How would you grade the overall teaching effectiveness 1   0  0  0  0  3   5  4.63  235/1463  4.63  3.78  4.09  4.15  4.63

                 Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  0   9  5.00    1/1438  5.00  4.27  4.46  4.49  5.00
2. Did the instructor seem interested in the subject   0   0  0  0  0  0   9  5.00    1/1421  5.00  4.45  4.73  4.78  5.00
3. Was lecture material presented and explained clearly  0   0  0  0  0  3   6  4.67  416/1411  4.67  3.95  4.31  4.33  4.67
4. Did the lectures contribute to what you learned     0   0  0  0  0  2   7  4.78  321/1405  4.78  3.90  4.32  4.33  4.78
5. Did audiovisual techniques enhance your understanding 1   1  0  0  2  1   4  4.29  466/1236  4.29  3.78  4.00  3.98  4.29

                 Discussion
1. Did class discussions contribute to what you learned  5   0  0  0  0  2   2  4.50  415/1260  4.50  3.57  4.14  4.21  4.50
2. Were all students actively encouraged to participate  5   0  0  0  0  2   2  4.50  575/1255  4.50  3.75  4.33  4.43  4.50
3. Did the instructor encourage fair and open discussion 5   0  0  0  0  2   2  4.50  620/1258  4.50  3.76  4.38  4.50  4.50
4. Were special techniques successful                  6   2  0  1  0  0   0  2.00  ****/ 873  ****  3.68  4.03  4.01  ****

                 Laboratory
1. Did the lab increase understanding of the material  5   0  0  0  0  1   3  4.75   28/ 184  4.75  4.34  4.16  4.07  4.75
2. Were you provided with adequate background information 5   0  0  0  0  1   3  4.75   32/ 198  4.75  3.89  4.22  4.31  4.75
3. Were necessary materials available for lab activities 5   0  0  0  0  2   2  4.50  105/ 184  4.50  4.40  4.48  4.11  4.50
4. Did the lab instructor provide assistance           5   0  0  0  0  1   3  4.75   46/ 177  4.75  3.87  4.36  4.41  4.75
5. Were requirements for lab reports clearly specified 5   0  0  0  0  0   4  5.00    1/ 165  5.00  3.77  4.18  4.25  5.00

                 Seminar
1. Were assigned topics relevant to the announced theme  8   0  0  0  0  0   1  5.00  ****/  89  ****  ****  4.49  4.39  ****
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                                      Frequency Distribution

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