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Course-Section: CMPE 212  0101              University of Maryland                              Page  377
Title       PRIN OF DIGITAL DESIGN          Baltimore County                                   JUN 26, 2007
Instructor:  PHATAK, DHANAN                 Spring 2007                                         Job IRBR3029
Enrollment:    22
Questionnaires: 14                      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
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                General
1. Did you gain new insights,skills from this course   0   0  0  1  5  3  5  3.86 1244/1522  3.86  4.41   4.30 4.34  3.86
2. Did the instructor make clear the expected goals    0   0  1  3  1  5  4  3.57 1335/1522  3.57  3.86   4.26 4.29  3.57
3. Did the exam questions reflect the expected goals   0   0  1  3  4  3  3  3.29 1218/1285  3.29  4.07   4.30 4.36  3.29
4. Did other evaluations reflect the expected goals    0   8  1  0  3  1  1  3.17 1398/1476  3.17  4.00   4.22 4.20  3.17
5. Did assigned readings contribute to what you learned 0  7  3  0  2  1  1  2.57 1380/1412  2.57  3.86   4.06 4.00  2.57
6. Did written assignments contribute to what you learned 0 11 0  0  1  2  0  3.67 ****/1381  ****  3.92   4.08 3.97  ****
7. Was the grading system clearly explained            0   0  3  5  5  1  0  2.29 1480/1500  2.29  3.43   4.18 4.20  2.29
8. How many times was class cancelled                  0   0  0  0  0  2 12  4.86  600/1517  4.86  4.65   4.65 4.63  4.86

9. How would you grade the overall teaching effectiveness 1 0  3  1  5  2  2  2.92 1434/1497  2.92  3.74   4.11 4.11  2.92

                Lecture
1. Were the instructor's lectures well prepared        0   0  2  0  5  7  0  3.21 1398/1440  3.21  4.21   4.45 4.42  3.21
2. Did the instructor seem interested in the subject   0   0  0  0  1  6  7  4.43 1224/1448  4.43  4.55   4.71 4.78  4.43
3. Was lecture material presented and explained clearly 0  0  2  2  3  5  2  3.21 1356/1436  3.21  3.82   4.29 4.29  3.21
4. Did the lectures contribute to what you learned     0   1  3  1  2  2  5  3.38 1309/1432  3.38  3.85   4.29 4.31  3.38
5. Did audiovisual techniques enhance your understanding 0 1  2  1  4  6  0  3.08 1056/1221  3.08  3.87   3.93 4.02  3.08

                Discussion
1. Did class discussions contribute to what you learned 2  0  0  3  5  1  3  3.33 1106/1280  3.33  3.89   4.10 4.08  3.33
2. Were all students actively encouraged to participate 2  0  2  1  3  3  3  3.33 1183/1277  3.33  4.06   4.34 4.33  3.33
3. Did the instructor encourage fair and open discussion 2 0  0  2  2  4  4  3.83  989/1269  3.83  3.83   4.31 4.33  3.83
4. Were special techniques successful                  2   9  2  1  0  0  0  1.33 ****/ 854  ****  4.00   4.02 4.00  ****

                Laboratory
1. Did the lab increase understanding of the material  7   0  1  0  0  4  2  3.86  184/ 215  3.86  4.06   4.36 4.62  3.86
2. Were you provided with adequate background information 7 0  0  1  1  4  1  3.71  206/ 228  3.71  3.79   4.35 4.56  3.71
3. Were necessary materials available for lab activities 7 1  0  0  2  3  1  3.83  206/ 217  3.83  4.03   4.51 4.57  3.83
4. Did the lab instructor provide assistance           7   0  0  0  0  3  4  4.57  110/ 216  4.57  4.58   4.42 4.72  4.57
5. Were requirements for lab reports clearly specified  7  1  0  0  0  5  1  4.17  125/ 205  4.17  3.89   4.23 4.37  4.17
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Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	4	Required for Majors	0	Graduate	0	Major	12
28-55	2	1.00-1.99	0	B	6						
56-83	4	2.00-2.99	3	C	1	General	1	Under-grad	14	Non-major	2
84-150	1	3.00-3.49	4	D	2						
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	13				
				?	1						

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Course-Section: CMPE 306  0101                  University of Maryland                                      Page  378
Title          INTRO CIRCUIT THEORY               Baltimore County                                         JUN 26, 2007
Instructor:    CHOA, FOW-SEN                         Spring 2007                                            Job IRBR3029
Enrollment:      8
Questionnaires:  6                          Student Course Evaluation Questionnaire
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		Frequencies						Instructor		Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean

General

Question	NR	NA	1	2	3	4	5	Mean	Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
1. Did you gain new insights,skills from this course	0	0	0	0	0	3	3	4.50	605/1522	4.59	4.41	4.30	4.34	4.50
2. Did the instructor make clear the expected goals	0	0	0	0	3	3	0	3.50	1365/1522	3.59	3.86	4.26	4.25	3.50
3. Did the exam questions reflect the expected goals	0	0	0	0	1	2	3	4.33	706/1285	4.29	4.07	4.30	4.30	4.33
4. Did other evaluations reflect the expected goals	0	1	0	0	2	2	1	3.80	1174/1476	3.80	4.00	4.22	4.26	3.80
5. Did assigned readings contribute to what you learned	0	1	0	0	0	3	2	4.40	430/1412	3.85	3.86	4.06	4.03	4.40
6. Did written assignments contribute to what you learned	0	2	0	0	1	2	1	4.00	806/1381	3.58	3.92	4.08	4.13	4.00
7. Was the grading system clearly explained	0	0	0	1	2	3	0	3.33	1378/1500	2.63	3.43	4.18	4.13	3.33
8. How many times was class cancelled	0	0	0	0	0	3	3	4.50	1080/1517	4.41	4.65	4.65	4.62	4.50
9. How would you grade the overall teaching effectiveness	2	0	0	2	2	0	0	2.50	1476/1497	2.75	3.74	4.11	4.13	2.50

Lecture

Question	NR	NA	1	2	3	4	5	Mean	Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
1. Were the instructor's lectures well prepared	0	0	0	0	2	3	1	3.83	1276/1440	3.61	4.21	4.45	4.46	3.83
2. Did the instructor seem interested in the subject	0	0	0	0	1	1	4	4.50	1157/1448	4.27	4.55	4.71	4.71	4.50
3. Was lecture material presented and explained clearly	0	0	0	3	2	1	0	2.67	1411/1436	2.58	3.82	4.29	4.30	2.67
4. Did the lectures contribute to what you learned	0	0	1	2	1	1	1	2.83	1386/1432	2.53	3.85	4.29	4.29	2.83
5. Did audiovisual techniques enhance your understanding	0	0	1	2	1	2	0	2.67	1148/1221	2.59	3.87	3.93	3.94	2.67

Discussion

Question	NR	NA	1	2	3	4	5	Mean	Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
1. Did class discussions contribute to what you learned	4	0	0	0	0	2	0	4.00	718/1280	3.56	3.89	4.10	4.14	4.00
2. Were all students actively encouraged to participate	4	0	0	0	0	1	1	4.50	594/1277	3.94	4.06	4.34	4.38	4.50
3. Did the instructor encourage fair and open discussion	5	0	0	0	1	0	0	3.00	****/1269	3.00	3.83	4.31	4.39	****

Laboratory

Question	NR	NA	1	2	3	4	5	Mean	Rank	Course Mean	Dept Mean	UMBC Mean	Level Mean	Sect Mean
1. Did the lab increase understanding of the material	0	0	0	0	1	3	2	4.17	145/ 215	4.06	4.06	4.36	4.21	4.17
2. Were you provided with adequate background information	0	0	0	0	3	1	2	3.83	201/ 228	4.14	3.79	4.35	4.29	3.83
3. Were necessary materials available for lab activities	0	0	0	0	0	2	4	4.67	91/ 217	4.76	4.03	4.51	4.45	4.67
4. Did the lab instructor provide assistance	0	0	0	0	0	0	6	5.00	1/ 216	4.93	4.58	4.42	4.35	5.00
5. Were requirements for lab reports clearly specified	0	0	0	0	0	3	3	4.50	67/ 205	4.63	3.89	4.23	4.26	4.50

Frequency Distribution

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	1	Required for Majors	0	Graduate	0	Major	6
28-55	2	1.00-1.99	0	B	5						
56-83	3	2.00-2.99	0	C	0	General	0	Under-grad	6	Non-major	0
84-150	0	3.00-3.49	5	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	6				
				?	0						

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Course-Section: CMPE 306  0102                    University of Maryland                              Page  379
Title          INTRO CIRCUIT THEORY               Baltimore County                                  JUN 26, 2007
Instructor:    BOURNER, DAVID  (Instr. A)         Spring 2007                                        Job IRBR3029
Enrollment:    16
Questionnaires: 11                        Student Course Evaluation Questionnaire
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                                                     Frequencies        Instructor    Course Dept  UMBC Level  Sect
             Questions                         NR NA  1  2  3  4  5  Mean   Rank      Mean  Mean  Mean  Mean  Mean
-----------------------------------------------------------------------------------------------------------------
             General
1. Did you gain new insights,skills from this course   0  0  0  0  1  2  8  4.64  462/1522   4.59  4.41  4.30  4.34  4.64
2. Did the instructor make clear the expected goals    0  0  0  1  4  4  2  3.64 1313/1522   3.59  3.86  4.26  4.25  3.64
3. Did the exam questions reflect the expected goals   0  0  0  0  2  4  5  4.27  752/1285   4.29  4.07  4.30  4.30  4.27
4. Did other evaluations reflect the expected goals    0  1  0  1  2  5  2  3.80 1174/1476   3.80  4.00  4.22  4.26  3.80
5. Did assigned readings contribute to what you learned 0  4  1  1  0  3  2  3.57 1127/1412   3.85  3.86  4.06  4.03  3.57
6. Did written assignments contribute to what you learned 0 3 0 1 4 2 1  3.38 1210/1381   3.58  3.92  4.08  4.13  3.38
7. Was the grading system clearly explained            0  0  3  5  1  1  1  2.27 1480/1500   2.63  3.43  4.18  4.13  2.27
8. How many times was class cancelled                  0  0  0  0  2  3  6  4.36 1193/1517   4.41  4.65  4.65  4.62  4.36
9. How would you grade the overall teaching effectiveness 7 1 0 1 1 1 0  3.00 1418/1497   2.75  3.74  4.11  4.13  2.88

             Lecture
1. Were the instructor's lectures well prepared        4  0  0  0  1  5  1  4.00 1186/1440   3.61  4.21  4.45  4.46  3.50
2. Did the instructor seem interested in the subject   4  0  0  0  0  3  4  4.57 1097/1448   4.27  4.55  4.71  4.71  4.16
3. Was lecture material presented and explained clearly 4 0 1 3 1 2 0   2.57 1416/1436   2.58  3.82  4.29  4.30  2.54
4. Did the lectures contribute to what you learned     4  0  2  1  1  1  2  3.00 1364/1432   2.53  3.85  4.29  4.29  2.38
5. Did audiovisual techniques enhance your understanding 4 2 1 2 1 0 1  2.60 1154/1221   2.59  3.87  3.93  3.94  2.55

             Discussion
1. Did class discussions contribute to what you learned 8  0  0  1  1  0  1  3.33 1106/1280   3.56  3.89  4.10  4.14  3.33
2. Were all students actively encouraged to participate 8  0  0  0  1  2  0  3.67 1094/1277   3.94  4.06  4.34  4.38  3.67
3. Did the instructor encourage fair and open discussion 8 0 1 0 0 2 0  3.00 1207/1269   3.00  3.83  4.31  4.39  3.00

             Laboratory
1. Did the lab increase understanding of the material  1  0  0  0  3  4  3  4.00  168/ 215   4.06  4.06  4.36  4.21  4.00
2. Were you provided with adequate background information 1 0 0 0 2 3 5  4.30  145/ 228   4.14  3.79  4.35  4.29  4.30
3. Were necessary materials available for lab activities 1 0 0 0 0 2 8  4.80   58/ 217   4.76  4.03  4.51  4.45  4.80
4. Did the lab instructor provide assistance           1  0  0  0  0  1  9  4.90   40/ 216   4.93  4.58  4.42  4.35  4.90
5. Were requirements for lab reports clearly specified 1  0  0  0  0  3  7  4.70   38/ 205   4.63  3.89  4.23  4.26  4.70

             Field Work
1. Did field experience contribute to what you learned 10  0  1  0  0  0  0  1.00 ****/  47   **** 4.00  4.41  4.56  ****
3. Was the instructor available for consultation      10  0  0  0  1  0  0  3.00 ****/  39   **** 5.00  4.40  4.68  ****

             Self  Paced
3. Were your contacts with the instructor helpful     10  0  0  0  1  0  0  3.00 ****/  33   ****  ****  4.69  4.75  ****
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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    3      Required for Majors  0     Graduate      0       Major        10
28-55      0       1.00-1.99   0      B    5
56-83      5       2.00-2.99   1      C    2      General              0     Under-grad    11      Non-major     1
84-150     0       3.00-3.49   4      D    0
Grad.      0       3.50-4.00   3      F    0      Electives            0     #### - Means there are not enough
                                      P    0                                responses to be significant
                                      I    0      Other                8
                                      ?    0
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Course-Section: CMPE 306  0102                    University of Maryland                              Page  380
Title           INTRO CIRCUIT THEORY              Baltimore County                                   JUN 26, 2007
Instructor:                   (Instr. B)          Spring 2007                                        Job IRBR3029
Enrollment:      16
Questionnaires:  11                        Student Course Evaluation Questionnaire
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                                                  Frequencies      Instructor   Course Dept  UMBC Level  Sect
              Questions                   NR  NA  1  2  3  4  5  Mean    Rank    Mean  Mean  Mean Mean  Mean
--------------------------------------------------------------------------------------------------------------

              General
1. Did you gain new insights,skills from this course    0   0  0  0  1  2  8  4.64  462/1522  4.59  4.41  4.30  4.34  4.64
2. Did the instructor make clear the expected goals     0   0  0  1  4  4  2  3.64 1313/1522  3.59  3.86  4.26  4.25  3.64
3. Did the exam questions reflect the expected goals    0   0  0  0  2  4  5  4.27  752/1285  4.29  4.07  4.30  4.30  4.27
4. Did other evaluations reflect the expected goals     0   1  0  1  2  5  2  3.80 1174/1476  3.80  4.00  4.22  4.26  3.80
5. Did assigned readings contribute to what you learned 0   4  1  1  0  3  2  3.57 1127/1412  3.85  3.86  4.06  4.03  3.57
6. Did written assignments contribute to what you learned 0  3  0  1  4  2  1  3.38 1210/1381  3.58  3.92  4.08  4.13  3.38
7. Was the grading system clearly explained             0   0  3  5  1  1  1  2.27 1480/1500  2.63  3.43  4.18  4.13  2.27
8. How many times was class cancelled                   0   0  0  0  2  3  6  4.36 1193/1517  4.41  4.65  4.65  4.62  4.36
9. How would you grade the overall teaching effectiveness 7  0  1  0  2  1  0  2.75 1458/1497  2.75  3.74  4.11  4.13  2.88

              Lecture
1. Were the instructor's lectures well prepared         7   0  1  0  1  2  0  3.00 1404/1440  3.61  4.21  4.45  4.46  3.50
2. Did the instructor seem interested in the subject    7   0  0  1  1  0  2  3.75 1402/1448  4.27  4.55  4.71  4.71  4.16
3. Was lecture material presented and explained clearly 7   0  1  0  3  0  0  2.50 1419/1436  2.58  3.82  4.29  4.30  2.54
4. Did the lectures contribute to what you learned      7   0  2  1  1  0  0  1.75 1425/1432  2.53  3.85  4.29  4.29  2.38
5. Did audiovisual techniques enhance your understanding 7  0  0  2  2  0  0  2.50 1165/1221  2.59  3.87  3.93  3.94  2.55

              Discussion
1. Did class discussions contribute to what you learned 8   0  0  1  1  0  1  3.33 1106/1280  3.56  3.89  4.10  4.14  3.33
2. Were all students actively encouraged to participate 8   0  0  0  1  2  0  3.67 1094/1277  3.94  4.06  4.34  4.38  3.67
3. Did the instructor encourage fair and open discussion 8  0  1  0  0  2  0  3.00 1207/1269  3.00  3.83  4.31  4.39  3.00

              Laboratory
1. Did the lab increase understanding of the material   1   0  0  0  3  4  3  4.00  168/ 215  4.06  4.06  4.36  4.21  4.00
2. Were you provided with adequate background information 1  0  0  0  2  3  5  4.30  145/ 228  4.14  3.79  4.35  4.29  4.30
3. Were necessary materials available for lab activities 1  0  0  0  0  2  8  4.80   58/ 217  4.76  4.03  4.51  4.45  4.80
4. Did the lab instructor provide assistance            1   0  0  0  0  1  9  4.90   40/ 216  4.93  4.58  4.42  4.35  4.90
5. Were requirements for lab reports clearly specified  1   0  0  0  0  3  7  4.70   38/ 205  4.63  3.89  4.23  4.26  4.70

              Field Work
1. Did field experience contribute to what you learned 10   0  1  0  0  0  0  1.00 ****/  47  ****  4.00  4.41  4.56  ****
3. Was the instructor available for consultation       10   0  0  0  1  0  0  3.00 ****/  39  ****  5.00  4.40  4.68  ****

              Self  Paced
3. Were your contacts with the instructor helpful      10   0  0  0  1  0  0  3.00 ****/  33  ****  ****  4.69  4.75  ****
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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   3      Required for Majors  0     Graduate      0      Major        10
28-55      0     1.00-1.99   0      B   5
56-83      5     2.00-2.99   1      C   2      General              0     Under-grad   11      Non-major     1
84-150     0     3.00-3.49   4      D   0
Grad.      0     3.50-4.00   3      F   0      Electives            0     #### - Means there are not enough
                                    P   0                                responses to be significant
                                    I   0      Other                8
                                    ?   0
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Course-Section: CMPE 310  0101                University of Maryland                           Page  381
Title      SYSTEMS DESIGN & PROG                 Baltimore County                              JUN 26, 2007
Instructor: MOHAMMADPOURRA                       Spring 2007                                   Job IRBR3029
Enrollment:    16
Questionnaires: 16                       Student Course Evaluation Questionnaire
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N|			Frequencies					Instructor		Course	Dept	UMBC	Level	Sect
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	1	5	10	4.56	537/1522	4.53	4.41	4.30	4.34	4.56
2. Did the instructor make clear the expected goals	0	0	0	1	5	8	2	3.69	1296/1522	3.59	3.86	4.26	4.25	3.69
3. Did the exam questions reflect the expected goals	0	0	0	4	4	5	3	3.44	1189/1285	3.47	4.07	4.30	4.30	3.44
4. Did other evaluations reflect the expected goals	0	1	1	1	2	4	7	4.00	1009/1476	4.00	4.00	4.22	4.26	4.00
5. Did assigned readings contribute to what you learned	0	5	2	1	1	4	3	3.45	1195/1412	3.73	3.86	4.06	4.03	3.45
6. Did written assignments contribute to what you learned	0	2	0	0	6	5	3	3.79	1028/1381	3.89	3.92	4.08	4.13	3.79
7. Was the grading system clearly explained	0	0	2	3	3	5	3	3.25	1396/1500	3.38	3.43	4.18	4.13	3.25
8. How many times was class cancelled	0	0	0	0	0	0	16	5.00	1/1517	4.75	4.65	4.65	4.62	5.00
9. How would you grade the overall teaching effectiveness	2	0	0	0	5	8	1	3.71	1174/1497	3.61	3.74	4.11	4.13	3.71
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	11	4	4.19	1100/1440	4.34	4.21	4.45	4.46	4.19
2. Did the instructor seem interested in the subject	0	0	0	0	2	8	6	4.25	1300/1448	4.38	4.55	4.71	4.71	4.25
3. Was lecture material presented and explained clearly	0	0	0	0	4	7	5	4.06	1024/1436	4.03	3.82	4.29	4.30	4.06
4. Did the lectures contribute to what you learned	0	0	1	0	1	11	3	3.94	1099/1432	4.22	3.85	4.29	4.29	3.94
5. Did audiovisual techniques enhance your understanding	0	3	0	0	3	2	8	4.38	373/1221	4.44	3.87	3.93	3.94	4.38
Discussion														
1. Did class discussions contribute to what you learned	6	0	0	0	2	2	6	4.40	477/1280	4.20	3.89	4.10	4.14	4.40
2. Were all students actively encouraged to participate	6	0	0	1	1	3	5	4.20	849/1277	4.60	4.06	4.34	4.38	4.20
3. Did the instructor encourage fair and open discussion	7	0	1	0	0	3	5	4.22	798/1269	4.61	3.83	4.31	4.39	4.22
4. Were special techniques successful	6	7	1	0	0	0	2	3.67	****/ 854	4.00	4.00	4.02	4.00	****
Laboratory														
1. Did the lab increase understanding of the material	7	0	0	0	0	2	7	4.78	47/ 215	4.78	4.06	4.36	4.21	4.78
2. Were you provided with adequate background information	7	0	2	0	1	2	4	3.67	209/ 228	3.67	3.79	4.35	4.29	3.67
3. Were necessary materials available for lab activities	7	0	1	1	0	2	5	4.00	189/ 217	4.00	4.03	4.51	4.45	4.00
4. Did the lab instructor provide assistance	7	0	0	1	0	2	6	4.44	133/ 216	4.44	4.58	4.42	4.35	4.44
5. Were requirements for lab reports clearly specified	7	1	0	3	1	1	3	3.50	185/ 205	3.50	3.89	4.23	4.26	3.50

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                                          Frequency Distribution
```

Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	1	0.00-0.99	0	A	8	Required for Majors	0	Graduate	0	Major	15
28-55	1	1.00-1.99	0	B	4						
56-83	5	2.00-2.99	0	C	2	General	0	Under-grad	16	Non-major	1
84-150	3	3.00-3.49	6	D	0						
Grad.	0	3.50-4.00	4	F	0	Electives	0	#### - Means there are not enough			
				P	0			responses to be significant			
				I	0	Other	15				
				?	1						

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Course-Section: CMPE 310  0102              University of Maryland                          Page  382
Title       SYSTEMS DESIGN & PROG            Baltimore County                                JUN 26, 2007
Instructor: MOHAMMADPOURRA                   Spring 2007                                     Job IRBR3029
Enrollment:      9
Questionnaires:  2                      Student Course Evaluation Questionnaire


                                              Frequencies        Instructor    Course Dept  UMBC Level  Sect
               Questions                 NR  NA  1  2  3  4  5  Mean    Rank    Mean  Mean  Mean  Mean  Mean
----------------------------------------------------------------------------------------------------------------
                 General
 1. Did you gain new insights,skills from this course    0   0  0  0  0  1  1  4.50   605/1522  4.53  4.41  4.30  4.34  4.50
 2. Did the instructor make clear the expected goals     0   0  0  1  0  0  1  3.50  1365/1522  3.59  3.86  4.26  4.25  3.50
 3. Did the exam questions reflect the expected goals    0   0  0  1  0  0  1  3.50  1160/1285  3.47  4.07  4.30  4.30  3.50
 4. Did other evaluations reflect the expected goals     0   0  0  0  1  0  1  4.00  1009/1476  4.00  4.00  4.22  4.26  4.00
 5. Did assigned readings contribute to what you learned 0   0  0  0  1  0  1  4.00   760/1412  3.73  3.86  4.06  4.03  4.00
 6. Did written assignments contribute to what you learned 0 0  0  0  1  0  1  4.00   806/1381  3.89  3.92  4.08  4.13  4.00
 7. Was the grading system clearly explained             0   0  0  1  0  0  1  3.50  1298/1500  3.38  3.43  4.18  4.13  3.50
 8. How many times was class cancelled                   0   0  0  0  0  1  1  4.50  1080/1517  4.75  4.65  4.65  4.62  4.50
 9. How would you grade the overall teaching effectiveness 0 0  0  0  1  1  0  3.50  1277/1497  3.61  3.74  4.11  4.13  3.50


                 Lecture
 1. Were the instructor's lectures well prepared         0   0  0  0  0  1  1  4.50   798/1440  4.34  4.21  4.45  4.46  4.50
 2. Did the instructor seem interested in the subject    0   0  0  0  0  1  1  4.50  1157/1448  4.38  4.55  4.71  4.71  4.50
 3. Was lecture material presented and explained clearly 0   0  0  0  1  0  1  4.00  1056/1436  4.03  3.82  4.29  4.30  4.00
 4. Did the lectures contribute to what you learned      0   0  0  0  0  1  1  4.50   632/1432  4.22  3.85  4.29  4.29  4.50
 5. Did audiovisual techniques enhance your understanding 0  0  0  0  0  1  1  4.50   279/1221  4.44  3.87  3.93  3.94  4.50


                 Discussion
 1. Did class discussions contribute to what you learned 1   0  0  0  0  1  0  4.00   718/1280  4.20  3.89  4.10  4.14  4.00
 2. Were all students actively encouraged to participate 1   0  0  0  0  0  1  5.00     1/1277  4.60  4.06  4.34  4.38  5.00
 3. Did the instructor encourage fair and open discussion 1  0  0  0  0  0  1  5.00     1/1269  4.61  3.83  4.31  4.39  5.00
 4. Were special techniques successful                   1   0  0  0  0  1  0  4.00   426/ 854  4.00  4.00  4.02  4.00  4.00


                                        Frequency Distribution

Credits Earned         Cum. GPA        Expected Grades         Reasons              Type                 Majors
-------------------------------------------------------------------------------------------------------------------
 00-27      1       0.00-0.99   0        A   0         Required for Majors  0    Graduate      0      Major      2
 28-55      1       1.00-1.99   0        B   1                                                        
 56-83      0       2.00-2.99   0        C   1         General              0    Under-grad    2      Non-major  0
 84-150     0       3.00-3.49   1        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                1
                                         ?   0
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Course-Section: CMPE 314  0101            University of Maryland                        Page  383
Title      PRIN OF ELECTRONIC CIR          Baltimore County                            JUN 26, 2007
Instructor:   CHEN, YUNG JUI               Spring 2007                                 Job IRBR3029
Enrollment:     20
Questionnaires:  14                  Student Course Evaluation Questionnaire
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                                         Frequencies       Instructor   Course Dept  UMBC Level  Sect
              Questions                NR  NA  1  2  3  4  5 Mean    Rank    Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course   0   0  0  0  4  3  7 4.21  939/1522  4.21  4.41  4.30 4.34  4.21
2. Did the instructor make clear the expected goals    0   0  0  1  3  5  5 4.00 1080/1522  4.00  3.86  4.26 4.25  4.00
3. Did the exam questions reflect the expected goals   0   0  0  1  1  5  7 4.29  745/1285  4.29  4.07  4.30 4.30  4.29
4. Did other evaluations reflect the expected goals    0   7  0  1  2  1  3 3.86 1150/1476  3.86  4.00  4.22 4.26  3.86
5. Did assigned readings contribute to what you learned 0   1  1  0  5  1  6 3.85  940/1412  3.85  3.86  4.06 4.03  3.85
6. Did written assignments contribute to what you learned 0 6  1  1  3  0  4 3.88  961/1381  3.88  3.92  4.08 4.13  3.88
7. Was the grading system clearly explained            0   1  1  1  3  2  6 3.85 1123/1500  3.85  3.43  4.18 4.13  3.85
8. How many times was class cancelled                  0   0  0  0  0  7  7 4.50 1080/1517  4.50  4.65  4.65 4.62  4.50
9. How would you grade the overall teaching effectiveness 4 0  0  0  2  6  2 4.00  898/1497  4.00  3.74  4.11 4.13  4.00

              Lecture
1. Were the instructor's lectures well prepared        1   0  0  1  1  2  9 4.46  851/1440  4.46  4.21  4.45 4.46  4.46
2. Did the instructor seem interested in the subject   1   0  0  0  1  2 10 4.69  965/1448  4.69  4.55  4.71 4.71  4.69
3. Was lecture material presented and explained clearly 1  0  0  0  4  4  5 4.08 1018/1436  4.08  3.82  4.29 4.30  4.08
4. Did the lectures contribute to what you learned     1   0  0  2  3  3  5 3.85 1152/1432  3.85  3.85  4.29 4.29  3.85
5. Did audiovisual techniques enhance your understanding 2 3  0  1  1  1  6 4.33  408/1221  4.33  3.87  3.93 3.94  4.33

              Discussion
1. Did class discussions contribute to what you learned 12 0  0  0  0  0  2 5.00 ****/1280  ****  3.89  4.10 4.14  ****
2. Were all students actively encouraged to participate 12 0  0  0  0  0  2 5.00 ****/1277  ****  4.06  4.34 4.38  ****
3. Did the instructor encourage fair and open discussion 12 0 0  0  1  0  1 4.00 ****/1269  ****  3.83  4.31 4.39  ****
4. Were special techniques successful                  12   1  0  0  0  0  1 5.00 ****/ 854  ****  4.00  4.02 4.00  ****

              Laboratory
1. Did the lab increase understanding of the material  1   0  3  0  5  3  2 3.08  212/ 215  3.08  4.06  4.36 4.21  3.08
2. Were you provided with adequate background information 1 0 2  2  6  1  2 2.92  226/ 228  2.92  3.79  4.35 4.29  2.92
3. Were necessary materials available for lab activities 1 0  3  6  1  3  0 2.31  217/ 217  2.31  4.03  4.51 4.45  2.31
4. Did the lab instructor provide assistance           1   1  2  0  5  1  4 3.42  199/ 216  3.42  4.58  4.42 4.35  3.42
5. Were requirements for lab reports clearly specified 1   0  2  4  3  1  3 2.92  201/ 205  2.92  3.89  4.23 4.26  2.92

              Field Work
1. Did field experience contribute to what you learned 13  0  0  0  1  0  0 3.00 ****/  47  ****  4.00  4.41 4.56  ****
2. Did you clearly understand your evaluation criteria 13  0  0  0  1  0  0 3.00 ****/  45  ****  5.00  4.30 4.39  ****
3. Was the instructor available for consultation       13  0  0  0  1  0  0 3.00 ****/  39  ****  5.00  4.40 4.68  ****
4. To what degree could you discuss your evaluations   13  0  0  0  1  0  0 3.00 ****/  35  ****  ****  4.31 4.26  ****
5. Did conferences help you carry out field activities 13  0  0  0  1  0  0 3.00 ****/  34  ****  ****  4.30 4.12  ****

              Self  Paced
1. Did self-paced system contribute to what you learned 13 0  0  0  1  0  0 3.00 ****/  37  ****  ****  4.63 5.00  ****
2. Did study questions make clear the expected goal    13  0  0  1  0  0  0 2.00 ****/  23  ****  ****  4.41 ****  ****
3. Were your contacts with the instructor helpful      13  0  0  0  1  0  0 3.00 ****/  33  ****  ****  4.69 4.75  ****
4. Was the feedback/tutoring by proctors helpful       13  0  0  0  1  0  0 3.00 ****/  22  ****  ****  4.54 ****  ****
5. Were there enough proctors for all the students     13  0  0  0  1  0  0 3.00 ****/  18  ****  ****  4.49 ****  ****
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                                    Frequency Distribution

Credits Earned          Cum. GPA        Expected Grades       Reasons                 Type                    Majors
-------------------------------------------------------------------------------------------------------------------------
 00-27      0        0.00-0.99   0         A    2      Required for Majors  0     Graduate      0        Major       14
 28-55      0        1.00-1.99   0         B    9
 56-83      2        2.00-2.99   3         C    3      General              0     Under-grad   14        Non-major    0
 84-150     9        3.00-3.49   4         D    0
 Grad.      0        3.50-4.00   4         F    0      Electives            0     #### - Means there are not enough
```

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P    0                              responses to be significant
I    0          Other            13
?    0
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Course-Section: CMPE 315  0101         University of Maryland
Title           PRIN VLSI DESIGN       Baltimore County
Instructor:     PATEL, CHINTAN         Spring 2007
Enrollment:     17
Questionnaires: 12               Student Course Evaluation Questionnaire
```

| | | | Frequencies | | | | | Instructor | | Course | Dept | UMBC | Level | Sect |
Questions	NR	NA	1	2	3	4	5	Mean	Rank	Mean	Mean	Mean	Mean	Mean
General														
1. Did you gain new insights,skills from this course	0	0	0	0	2	2	8	4.50	605/1522	4.50	4.41	4.30	4.34	4.50
2. Did the instructor make clear the expected goals	1	0	0	0	1	4	6	4.45	623/1522	4.45	3.86	4.26	4.25	4.45
3. Did the exam questions reflect the expected goals	0	0	0	1	1	5	5	4.17	833/1285	4.17	4.07	4.30	4.30	4.17
4. Did other evaluations reflect the expected goals	0	1	0	0	1	4	6	4.45	551/1476	4.45	4.00	4.22	4.26	4.45
5. Did assigned readings contribute to what you learned	0	7	0	0	2	1	2	4.00	760/1412	4.00	3.86	4.06	4.03	4.00
6. Did written assignments contribute to what you learned	0	5	0	0	3	3	1	3.71	1070/1381	3.71	3.92	4.08	4.13	3.71
7. Was the grading system clearly explained	0	0	0	0	5	5	2	3.75	1183/1500	3.75	3.43	4.18	4.13	3.75
8. How many times was class cancelled	0	0	0	0	0	5	7	4.58	1011/1517	4.58	4.65	4.65	4.62	4.58
9. How would you grade the overall teaching effectiveness	2	0	0	0	1	4	5	4.40	506/1497	4.40	3.74	4.11	4.13	4.40
Lecture														
1. Were the instructor's lectures well prepared	0	0	0	0	1	2	9	4.67	604/1440	4.67	4.21	4.45	4.46	4.67
2. Did the instructor seem interested in the subject	0	0	0	0	0	3	9	4.75	859/1448	4.75	4.55	4.71	4.71	4.75
3. Was lecture material presented and explained clearly	0	0	0	0	2	5	5	4.25	876/1436	4.25	3.82	4.29	4.30	4.25
4. Did the lectures contribute to what you learned	0	0	0	1	0	5	6	4.33	820/1432	4.33	3.85	4.29	4.29	4.33
5. Did audiovisual techniques enhance your understanding	1	2	0	0	0	3	6	4.67	175/1221	4.67	3.87	3.93	3.94	4.67
Discussion														
1. Did class discussions contribute to what you learned	5	0	0	0	3	2	2	3.86	849/1280	3.86	3.89	4.10	4.14	3.86
2. Were all students actively encouraged to participate	5	0	0	1	3	1	2	3.57	1119/1277	3.57	4.06	4.34	4.38	3.57
3. Did the instructor encourage fair and open discussion	5	0	0	2	2	2	1	3.29	1167/1269	3.29	3.83	4.31	4.39	3.29
4. Were special techniques successful	5	5	0	0	0	0	2	5.00	****/ 854	****	4.00	4.02	4.00	****
Laboratory														
1. Did the lab increase understanding of the material	7	0	0	0	0	2	3	4.60	74/ 215	4.60	4.06	4.36	4.21	4.60
2. Were you provided with adequate background information	7	0	0	0	0	2	3	4.60	69/ 228	4.60	3.79	4.35	4.29	4.60
3. Were necessary materials available for lab activities	7	0	0	0	0	1	4	4.80	58/ 217	4.80	4.03	4.51	4.45	4.80
4. Did the lab instructor provide assistance	7	0	0	0	1	1	3	4.40	141/ 216	4.40	4.58	4.42	4.35	4.40
5. Were requirements for lab reports clearly specified	7	0	0	0	0	2	3	4.60	62/ 205	4.60	3.89	4.23	4.26	4.60

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                                     Frequency Distribution
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Credits Earned		Cum. GPA		Expected Grades		Reasons		Type		Majors	
00-27	0	0.00-0.99	0	A	5	Required for Majors	0	Graduate	0	Major	12
28-55	0	1.00-1.99	0	B	1						
56-83	0	2.00-2.99	3	C	3	General	0	Under-grad	12	Non-major	0
84-150	6	3.00-3.49	6	D	2						
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	12				
				?	1						

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Course-Section: CMPE 320  0101              University of Maryland                        Page  385
Title          PROB, STAT, & RANDOM P       Baltimore County                           JUN 26, 2007
Instructor:    PINKSTON, JOHN               Spring 2007                                 Job IRBR3029
Enrollment:     17
Questionnaires: 14                     Student Course Evaluation Questionnaire


                                        Frequencies          Instructor   Course Dept  UMBC Level  Sect
               Questions              NR  NA  1  2  3  4  5  Mean   Rank   Mean   Mean  Mean Mean  Mean
--------------------------------------------------------------------------------------------------------
               General
1. Did you gain new insights,skills from this course   0   0  0  0  1  8  5  4.29  869/1522  4.29   4.41  4.30 4.34  4.29
2. Did the instructor make clear the expected goals    0   0  0  0  2  7  5  4.21  914/1522  4.21   3.86  4.26 4.25  4.21
3. Did the exam questions reflect the expected goals   0   0  0  0  3  6  5  4.14  849/1285  4.14   4.07  4.30 4.30  4.14
4. Did other evaluations reflect the expected goals    0   3  0  0  3  5  3  4.00 1009/1476  4.00   4.00  4.22 4.26  4.00
5. Did assigned readings contribute to what you learned 0  0  0  1  6  4  3  3.64 1088/1412  3.64   3.86  4.06 4.03  3.64
6. Did written assignments contribute to what you learned 0 4 0  0  2  6  2  4.00  806/1381  4.00   3.92  4.08 4.13  4.00
7. Was the grading system clearly explained            0   1  1  2  3  4  3  3.46 1321/1500  3.46   3.43  4.18 4.13  3.46
8. How many times was class cancelled                  0   0  0  0  0  0 14  5.00    1/1517  5.00   4.65  4.65 4.62  5.00
9. How would you grade the overall teaching effectiveness 3 0 0 0  1  3  7  4.55  355/1497  4.55   3.74  4.11 4.13  4.55


               Lecture
1. Were the instructor's lectures well prepared        0   0  0  0  0  2 12  4.86  272/1440  4.86   4.21  4.45 4.46  4.86
2. Did the instructor seem interested in the subject   0   0  0  0  0  4 10  4.71  935/1448  4.71   4.55  4.71 4.71  4.71
3. Was lecture material presented and explained clearly 0  0  0  0  1  8  5  4.29  845/1436  4.29   3.82  4.29 4.30  4.29
4. Did the lectures contribute to what you learned     0   0  0  1  1  3  9  4.43  732/1432  4.43   3.85  4.29 4.29  4.43
5. Did audiovisual techniques enhance your understanding 1 6 0 1  1  4  1  3.71  808/1221  3.71   3.87  3.93 3.94  3.71


               Discussion
1. Did class discussions contribute to what you learned 12 0 0 1  0  1  0  3.00 ****/1280  ****   3.89  4.10 4.14  ****
2. Were all students actively encouraged to participate 12 0 0 0  0  0  2  5.00 ****/1277  ****   4.06  4.34 4.38  ****
3. Did the instructor encourage fair and open discussion 12 0 0 0 0  1  1  4.50 ****/1269  ****   3.83  4.31 4.39  ****
4. Were special techniques successful                  12   1  0  0  1  0  0  3.00 ****/ 854  ****   4.00  4.02 4.00  ****


                                  Frequency Distribution

Credits Earned        Cum. GPA         Expected Grades         Reasons                Type                    Majors
--------------------------------------------------------------------------------------------------------------------
  00-27      1      0.00-0.99   0        A    2        Required for Majors   0      Graduate      0        Major      13
  28-55      0      1.00-1.99   0        B   11
  56-83      0      2.00-2.99   1        C    1        General               0      Under-grad   14        Non-major   1
  84-150     6      3.00-3.49   7        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                14
                                         ?    0
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Course-Section: CMPE 330  0101            University of Maryland                        Page  386
Title       EM WAVES TRANSMISSION           Baltimore County                         JUN 26, 2007
Instructor:   MENYUK, CURTIS                  Spring 2007                             Job IRBR3029


     Enrollment:    21
     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   0   2   3   8  4.46   656/1522  4.46  4.41  4.30  4.34  4.46
2. Did the instructor make clear the expected goals    0   0   0   1   0   7   5  4.23   894/1522  4.23  3.86  4.26  4.25  4.23
3. Did the exam questions reflect the expected goals   0   0   0   0   4   6   3  3.92  1009/1285  3.92  4.07  4.30  4.30  3.92
4. Did other evaluations reflect the expected goals    0   1   0   1   0   5   6  4.33   703/1476  4.33  4.00  4.22  4.26  4.33
5. Did assigned readings contribute to what you learned 0  0   0   1   2   6   4  4.00   760/1412  4.00  3.86  4.06  4.03  4.00
6. Did written assignments contribute to what you learned 0 0  2   0   2   2   7  3.92   911/1381  3.92  3.92  4.08  4.13  3.92
7. Was the grading system clearly explained            0   0   0   0   0   7   6  4.46   541/1500  4.46  3.43  4.18  4.13  4.46
8. How many times was class cancelled                  0   0   0   0   0   1  12  4.92   389/1517  4.92  4.65  4.65  4.62  4.92
9. How would you grade the overall teaching effectiveness 0 0  0   1   1   8   3  4.00   898/1497  4.00  3.74  4.11  4.13  4.00


                 Lecture
1. Were the instructor's lectures well prepared        0   0   0   0   0   1  12  4.92   153/1440  4.92  4.21  4.45  4.46  4.92
2. Did the instructor seem interested in the subject   0   0   0   0   0   1  12  4.92   395/1448  4.92  4.55  4.71  4.71  4.92
3. Was lecture material presented and explained clearly 0  0   0   1   1   5   6  4.23   896/1436  4.23  3.82  4.29  4.30  4.23
4. Did the lectures contribute to what you learned     0   0   2   0   3   2   6  3.77  1186/1432  3.77  3.85  4.29  4.29  3.77
5. Did audiovisual techniques enhance your understanding 0 0  1   0   0   5   7  4.31   430/1221  4.31  3.87  3.93  3.94  4.31


                 Discussion
1. Did class discussions contribute to what you learned 12 0  0   0   0   1   0  4.00  ****/1280  ****  3.89  4.10  4.14  ****
2. Were all students actively encouraged to participate 12 0  0   0   0   1   0  4.00  ****/1277  ****  4.06  4.34  4.38  ****
3. Did the instructor encourage fair and open discussion 12 0 0   0   0   1   0  4.00  ****/1269  ****  3.83  4.31  4.39  ****


                                         Frequency Distribution

Credits Earned          Cum. GPA         Expected Grades        Reasons                  Type                     Majors
------------------------------------------------------------------------------------------------------------------------
   00-27     1      0.00-0.99   0          A    2        Required for Majors   0      Graduate     0         Major       11
   28-55     0      1.00-1.99   0          B    7                                                            
   56-83     0      2.00-2.99   1          C    3        General               2      Under-grad  13         Non-major    2
   84-150    8      3.00-3.49   9          D    1                                                            
   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                11
                                           ?    0
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Course-Section: CMPE 418  0101              University of Maryland                          Page  387
Title         VLSI DESIGN VERIF/TEST        Baltimore County                            JUN 26, 2007
Instructor:   MOHAMMADPOURRAD               Spring 2007                                 Job IRBR3029
Enrollment:      4
Questionnaires:  3                      Student Course Evaluation Questionnaire

                                        Frequencies       Instructor   Course Dept  UMBC Level  Sect
              Questions               NR NA  1  2  3  4  5 Mean  Rank    Mean  Mean  Mean Mean  Mean
---------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course    0  0  0  0  0  1  2  4.67  433/1522  4.67  4.41  4.30  4.42  4.67
2. Did the instructor make clear the expected goals     0  0  0  0  0  3  0  4.00 1080/1522  4.00  3.86  4.26  4.34  4.00
3. Did the exam questions reflect the expected goals    0  0  0  0  1  1  1  4.00  938/1285  4.00  4.07  4.30  4.42  4.00
4. Did other evaluations reflect the expected goals     0  0  0  0  1  1  1  4.00 1009/1476  4.00  4.00  4.22  4.31  4.00
6. Did written assignments contribute to what you learned 0  0  0  1  1  1  0  3.00 1286/1381  3.00  3.92  4.08  4.21  3.00
7. Was the grading system clearly explained             0  1  0  0  0  2  0  4.00  988/1500  4.00  3.43  4.18  4.25  4.00
8. How many times was class cancelled                   0  0  0  0  0  0  3  5.00    1/1517  5.00  4.65  4.65  4.71  5.00
9. How would you grade the overall teaching effectiveness 0  0  0  0  1  2  0  3.67 1204/1497  3.67  3.74  4.11  4.21  3.67


              Lecture
1. Were the instructor's lectures well prepared         0  0  0  0  0  1  2  4.67  604/1440  4.67  4.21  4.45  4.52  4.67
2. Did the instructor seem interested in the subject    0  0  0  0  0  2  1  4.33 1271/1448  4.33  4.55  4.71  4.75  4.33
3. Was lecture material presented and explained clearly 0  0  0  0  1  2  0  3.67 1241/1436  3.67  3.82  4.29  4.32  3.67
4. Did the lectures contribute to what you learned      0  0  0  0  0  0  3  5.00    1/1432  5.00  3.85  4.29  4.34  5.00
5. Did audiovisual techniques enhance your understanding 0  1  0  0  1  0  1  4.00  606/1221  4.00  3.87  3.93  4.04  4.00


                                     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        3
  28-55      0        1.00-1.99   0        B    1
  56-83      0        2.00-2.99   0        C    0          General              2      Under-grad   3        Non-major    0
  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                1
                                           ?    1
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Course-Section: CMPE 440  0101                    University of Maryland                              Page  388
Title          MIXED SIGNAL CIRCUITS              Baltimore County                                   JUN 26, 2007
Instructor:    ITSKOVICH, MIKH                    Spring 2007                                        Job IRBR3029
Enrollment:      5
Questionnaires:  4                        Student Course Evaluation Questionnaire
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                                                      Frequencies        Instructor   Course Dept  UMBC Level  Sect
                 Questions                     NR  NA  1   2   3   4   5  Mean   Rank   Mean  Mean  Mean  Mean  Mean
-----------------------------------------------------------------------------------------------------------------------
                 General
1. Did you gain new insights,skills from this course  0   0   0   0   0   0   4  5.00   1/1522  5.00  4.41  4.30  4.42  5.00
2. Did the instructor make clear the expected goals   1   0   0   0   0   0   3  5.00   1/1522  5.00  3.86  4.26  4.34  5.00
3. Did the exam questions reflect the expected goals  1   2   0   0   0   0   1  5.00   1/1285  5.00  4.07  4.30  4.42  5.00
4. Did other evaluations reflect the expected goals   1   1   0   0   0   0   2  5.00   1/1476  5.00  4.00  4.22  4.31  5.00
5. Did assigned readings contribute to what you learned 1  2   0   0   0   0   1  5.00   1/1412  5.00  3.86  4.06  4.11  5.00
6. Did written assignments contribute to what you learned 1 2  0   0   0   0   1  5.00   1/1381  5.00  3.92  4.08  4.21  5.00
7. Was the grading system clearly explained           1   0   0   0   1   0   2  4.33   700/1500  4.33  3.43  4.18  4.25  4.33
8. How many times was class cancelled                 1   0   0   0   0   3   0  4.00  1389/1517  4.00  4.65  4.65  4.71  4.00
9. How would you grade the overall teaching effectiveness 1 0  0   0   0   1   2  4.67   264/1497  4.67  3.74  4.11  4.21  4.67

                 Lecture
1. Were the instructor's lectures well prepared       1   0   0   0   0   0   3  5.00   1/1440  5.00  4.21  4.45  4.52  5.00
2. Did the instructor seem interested in the subject  0   0   0   0   0   0   4  5.00   1/1448  5.00  4.55  4.71  4.75  5.00
3. Was lecture material presented and explained clearly 1  0   0   0   0   0   3  5.00   1/1436  5.00  3.82  4.29  4.32  5.00
4. Did the lectures contribute to what you learned    1   0   0   0   0   0   3  5.00   1/1432  5.00  3.85  4.29  4.34  5.00
5. Did audiovisual techniques enhance your understanding 1 1  0   0   0   0   2  5.00   1/1221  5.00  3.87  3.93  4.04  5.00

                 Discussion
3. Did the instructor encourage fair and open discussion 3 0  0   0   0   1   0  4.00   875/1269  4.00  3.83  4.31  4.49  4.00
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                                        Frequency Distribution

Credits Earned          Cum. GPA           Expected Grades        Reasons                  Type                    Majors
-----------------------------------------------------------------------------------------------------------------------
  00-27      0        0.00-0.99    1         A    3          Required for Majors  0    Graduate      0        Major       3
  28-55      0        1.00-1.99    0         B    0
  56-83      0        2.00-2.99    0         C    0          General              2    Under-grad    4        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                1
                                             ?    0
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Course-Section: CMPE 451  0101                  University of Maryland                              Page  389
Title          CAPSTONE II                      Baltimore County                                   JUN 26, 2007
Instructor:    BOURNER, DAVID                    Spring 2007                                        Job IRBR3029
Enrollment:    20
Questionnaires: 20                       Student Course Evaluation Questionnaire
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                                              Frequencies       Instructor    Course Dept  UMBC Level   Sect
              Questions                 NR  NA  1   2   3   4   5  Mean    Rank    Mean  Mean  Mean  Mean  Mean
--------------------------------------------------------------------------------------------------------------
              General
1. Did you gain new insights,skills from this course  0   0   2   0   6   4   8  3.80 1269/1522  3.80  4.41  4.30  4.42  3.80
2. Did the instructor make clear the expected goals   0   0   5   5   6   3   1  2.50 1509/1522  2.50  3.86  4.26  4.34  2.50
3. Did the exam questions reflect the expected goals  0  14   1   1   2   1   1  3.00 1248/1285  3.00  4.07  4.30  4.42  3.00
4. Did other evaluations reflect the expected goals   0   1   4   2   7   5   1  2.84 1439/1476  2.84  4.00  4.22  4.31  2.84
5. Did assigned readings contribute to what you learned  0  14   2   1   1   1   1  2.67 1375/1412  2.67  3.86  4.06  4.11  2.67
6. Did written assignments contribute to what you learned  0   0   3   6   5   5   1  2.75 1338/1381  2.75  3.92  4.08  4.21  2.75
7. Was the grading system clearly explained           0   1  11   5   2   0   1  1.68 1496/1500  1.68  3.43  4.18  4.25  1.68
8. How many times was class cancelled                 0   0   2   3   0   5  10  3.90 1450/1517  3.90  4.65  4.65  4.71  3.90
9. How would you grade the overall teaching effectiveness  5   0   7   3   4   1   0  1.93 1490/1497  1.93  3.74  4.11  4.21  1.93

              Lecture
1. Were the instructor's lectures well prepared       3   0   4   1   7   3   2  2.88 1418/1440  2.88  4.21  4.45  4.52  2.88
2. Did the instructor seem interested in the subject  3   0   1   3   3   4   6  3.65 1413/1448  3.65  4.55  4.71  4.75  3.65
3. Was lecture material presented and explained clearly  4   0   5   3   4   2   2  2.56 1417/1436  2.56  3.82  4.29  4.32  2.56
4. Did the lectures contribute to what you learned    3   0   9   4   1   2   1  1.94 1421/1432  1.94  3.85  4.29  4.34  1.94
5. Did audiovisual techniques enhance your understanding  4   7   3   1   3   1   1  2.56 1159/1221  2.56  3.87  3.93  4.04  2.56

              Discussion
1. Did class discussions contribute to what you learned  19   0   1   0   0   0   0  1.00 ****/1280  ****  3.89  4.10  4.28  ****
2. Were all students actively encouraged to participate  19   0   1   0   0   0   0  1.00 ****/1277  ****  4.06  4.34  4.50  ****
3. Did the instructor encourage fair and open discussion  19   0   1   0   0   0   0  1.00 ****/1269  ****  3.83  4.31  4.49  ****
4. Were special techniques successful                 19   0   1   0   0   0   0  1.00 ****/ 854  ****  4.00  4.02  4.31  ****
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                                        Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades         Reasons                 Type                Majors
----------------------------------------------------------------------------------------------------------------
  00-27     1      0.00-0.99    0       A    4       Required for Majors  0      Graduate     0       Major       17
  28-55     0      1.00-1.99    0       B    9
  56-83     0      2.00-2.99    3       C    4       General              0      Under-grad  20       Non-major    3
  84-150   14      3.00-3.49    9       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               19
                                        ?    2
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Course-Section: CMPE 491A 0101          University of Maryland                        Page  390
Title       COMP ARITH ALGOR IMPLE        Baltimore County                          JUN 26, 2007
Instructor:  PHATAK, DHANANJ                Spring 2007                               Job IRBR3029
Enrollment:     7
Questionnaires:  2              Student Course Evaluation Questionnaire


                                    Frequencies        Instructor   Course Dept  UMBC Level  Sect
              Questions           NR  NA  1  2  3  4  5 Mean   Rank   Mean  Mean  Mean Mean  Mean
-------------------------------------------------------------------------------------------------
                General
 1. Did you gain new insights,skills from this course   0   0   0   1   0   0   1  3.50 1402/1522  3.50  4.41  4.30 4.42  3.50
 2. Did the instructor make clear the expected goals    0   0   0   1   0   1   0  3.00 1481/1522  3.00  3.86  4.26 4.34  3.00
 3. Did the exam questions reflect the expected goals   0   1   0   0   0   0   1  5.00    1/1285  5.00  4.07  4.30 4.42  5.00
 4. Did other evaluations reflect the expected goals    0   1   0   0   0   1   0  4.00 1009/1476  4.00  4.00  4.22 4.31  4.00
 5. Did assigned readings contribute to what you learned 0  0   0   0   0   2   0  4.00  760/1412  4.00  3.86  4.06 4.11  4.00
 6. Did written assignments contribute to what you learned 0 0  0   0   0   0   2  5.00    1/1381  5.00  3.92  4.08 4.21  5.00
 7. Was the grading system clearly explained            0   1   0   0   0   0   1  5.00    1/1500  5.00  3.43  4.18 4.25  5.00
 8. How many times was class cancelled                  0   0   0   0   0   0   2  5.00    1/1517  5.00  4.65  4.65 4.71  5.00
 9. How would you grade the overall teaching effectiveness 1 0  0   0   0   0   1  5.00    1/1497  5.00  3.74  4.11 4.21  5.00


                Lecture
 1. Were the instructor's lectures well prepared        0   0   0   0   0   1   1  4.50  798/1440  4.50  4.21  4.45 4.52  4.50
 2. Did the instructor seem interested in the subject   0   0   0   0   0   0   2  5.00    1/1448  5.00  4.55  4.71 4.75  5.00
 3. Was lecture material presented and explained clearly 0  0   0   0   0   0   2  5.00    1/1436  5.00  3.82  4.29 4.32  5.00
 4. Did the lectures contribute to what you learned     0   0   0   0   0   1   1  4.50  632/1432  4.50  3.85  4.29 4.34  4.50
 5. Did audiovisual techniques enhance your understanding 0 0  0   0   0   1   1  4.50  279/1221  4.50  3.87  3.93 4.04  4.50


                Discussion
 1. Did class discussions contribute to what you learned 1  0   0   0   0   0   1  5.00    1/1280  5.00  3.89  4.10 4.28  5.00
 2. Were all students actively encouraged to participate 1  0   0   0   0   1   0  4.00  930/1277  4.00  4.06  4.34 4.50  4.00
 3. Did the instructor encourage fair and open discussion 1 0  0   0   0   0   1  5.00    1/1269  5.00  3.83  4.31 4.49  5.00
 4. Were special techniques successful                  1   0   0   0   0   0   1  5.00    1/ 854  5.00  4.00  4.02 4.31  5.00


                Field Work
 1. Did field experience contribute to what you learned 1   0   0   0   0   1   0  4.00   34/  47  4.00  4.00  4.41 4.51  4.00
 2. Did you clearly understand your evaluation criteria 1   0   0   0   0   0   1  5.00    1/  45  5.00  5.00  4.30 4.22  5.00
 3. Was the instructor available for consultation       1   0   0   0   0   0   1  5.00    1/  39  5.00  5.00  4.40 4.03  5.00


                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
-------------------------------------------------------------------------------------------------
  00-27      1      0.00-0.99    0      A    1      Required for Majors   0      Graduate       0      Major        2
  28-55      0      1.00-1.99    0      B    0
  56-83      0      2.00-2.99    0      C    0      General               1      Under-grad     2      Non-major    0
  84-150     0      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: CMPE 640  0101              University of Maryland                          Page  391
Title      ADVANCED VLSI DESIGN                   Baltimore County                         JUN 26, 2007
Instructor:  PATEL, CHINTAN                        Spring 2007                              Job IRBR3029
Enrollment:    8
Questionnaires:  8                       Student Course Evaluation Questionnaire


                                             Frequencies        Instructor   Course Dept  UMBC Level  Sect
                Questions                 NR NA  1  2  3  4  5  Mean   Rank    Mean  Mean  Mean Mean  Mean
----------------------------------------------------------------------------------------------------------
                General
 1. Did you gain new insights,skills from this course   1  0  0  0  1  0  6  4.71  380/1522  4.71  4.41  4.30  4.45  4.71
 2. Did the instructor make clear the expected goals    1  0  0  1  0  3  3  4.14  986/1522  4.14  3.86  4.26  4.29  4.14
 3. Did the exam questions reflect the expected goals   1  0  0  0  1  2  4  4.43  626/1285  4.43  4.07  4.30  4.31  4.43
 4. Did other evaluations reflect the expected goals    1  0  0  0  0  2  5  4.71  265/1476  4.71  4.00  4.22  4.31  4.71
 5. Did assigned readings contribute to what you learned 1  3  0  0  0  2  2  4.50  339/1412  4.50  3.86  4.06  4.25  4.50
 6. Did written assignments contribute to what you learned 1 1 0 0 0 3 3  4.50  331/1381  4.50  3.92  4.08  4.25  4.50
 7. Was the grading system clearly explained            1  0  0  0  0  4  3  4.43  600/1500  4.43  3.43  4.18  4.22  4.43
 8. How many times was class cancelled                  1  0  0  0  0  1  6  4.86  600/1517  4.86  4.65  4.65  4.73  4.86
 9. How would you grade the overall teaching effectiveness 3 0 0 0 0 1 4  4.80  147/1497  4.80  3.74  4.11  4.21  4.80

                Lecture
 1. Were the instructor's lectures well prepared        1  0  0  0  0  1  6  4.86  272/1440  4.86  4.21  4.45  4.48  4.86
 2. Did the instructor seem interested in the subject   1  0  0  0  0  0  7  5.00    1/1448  5.00  4.55  4.71  4.80  5.00
 3. Was lecture material presented and explained clearly 1  0  0  0  0  2  5  4.71  357/1436  4.71  3.82  4.29  4.37  4.71
 4. Did the lectures contribute to what you learned     1  0  0  0  0  1  6  4.86  227/1432  4.86  3.85  4.29  4.33  4.86
 5. Did audiovisual techniques enhance your understanding 1 2 0 0 0 1 4  4.80   99/1221  4.80  3.87  3.93  3.83  4.80

                Discussion
 1. Did class discussions contribute to what you learned 5  0  0  0  2  1  0  3.33 1106/1280  3.33  3.89  4.10  4.24  3.33
 2. Were all students actively encouraged to participate 5  0  0  0  1  1  1  4.00  930/1277  4.00  4.06  4.34  4.52  4.00
 3. Did the instructor encourage fair and open discussion 5 0 0 0 2 0 1  3.67 1074/1269  3.67  3.83  4.31  4.51  3.67
 4. Were special techniques successful                  5  1  0  1  1  0  0  2.50  832/ 854  2.50  4.00  4.02  4.08  2.50

                Laboratory
 1. Did the lab increase understanding of the material  7  0  0  0  0  1  0  4.00 ****/ 215  ****  4.06  4.36  4.72  ****
 2. Were you provided with adequate background information 7 0 0 0 0 1 0  4.00 ****/ 228  ****  3.79  4.35  4.39  ****
 3. Were necessary materials available for lab activities 7 0 0 0 1 0 0  3.00 ****/ 217  ****  4.03  4.51  4.61  ****
 4. Did the lab instructor provide assistance           7  0  0  0  0  1  0  4.00 ****/ 216  ****  4.58  4.42  4.76  ****
 5. Were requirements for lab reports clearly specified 7  0  0  0  0  0  1  5.00 ****/ 205  ****  3.89  4.23  4.40  ****

                              Frequency Distribution

Credits Earned        Cum. GPA        Expected Grades        Reasons              Type              Majors
----------------------------------------------------------------------------------------------------------
  00-27     2       0.00-0.99   1        A    4        Required for Majors  0    Graduate     4      Major      7
  28-55     0       1.00-1.99   0        B    3                                                    
  56-83     0       2.00-2.99   0        C    0        General              0    Under-grad   4      Non-major  1
  84-150    0       3.00-3.49   3        D    0                                                    
  Grad.     4       3.50-4.00   1        F    0        Electives            0    #### - Means there are not enough
                                         P    0                                  responses to be significant
                                         I    0        Other                7
                                         ?    0
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Course-Section: CMPE 650  0101                    University of Maryland                               Page  392
Title       DIGITAL SYSTEMS                         Baltimore County                                   JUN 26, 2007
Instructor:  PLUSQUELLIC, J                         Spring 2007                                        Job IRBR3029
Enrollment:     5
Questionnaires:  4                           Student Course Evaluation Questionnaire


                                                 Frequencies        Instructor   Course Dept  UMBC Level  Sect
            Questions                     NR  NA  1   2   3   4   5  Mean    Rank   Mean  Mean  Mean  Mean  Mean
-------------------------------------------------------------------------------------------------------------------
            General
1. Did you gain new insights,skills from this course    0   0   0   0   0   1   3  4.75   320/1522  4.75  4.41  4.30  4.45  4.75
2. Did the instructor make clear the expected goals     0   0   0   0   0   1   3  4.75   255/1522  4.75  3.86  4.26  4.29  4.75
3. Did the exam questions reflect the expected goals    0   0   0   0   0   4   0  4.00   938/1285  4.00  4.07  4.30  4.31  4.00
4. Did other evaluations reflect the expected goals     0   0   0   0   0   3   1  4.25   792/1476  4.25  4.00  4.22  4.31  4.25
5. Did assigned readings contribute to what you learned 0   1   0   0   0   1   2  4.67   231/1412  4.67  3.86  4.06  4.25  4.67
6. Did written assignments contribute to what you learned 0 2   0   0   0   1   1  4.50   331/1381  4.50  3.92  4.08  4.25  4.50
7. Was the grading system clearly explained             0   0   1   0   2   0   1  3.00  1430/1500  3.00  3.43  4.18  4.22  3.00
8. How many times was class cancelled                   0   0   0   0   0   0   4  5.00     1/1517  5.00  4.65  4.65  4.73  5.00
9. How would you grade the overall teaching effectiveness 2 0   0   0   0   1   1  4.50   385/1497  4.50  3.74  4.11  4.21  4.50


            Lecture
1. Were the instructor's lectures well prepared         0   0   0   0   2   1   1  3.75  1304/1440  3.75  4.21  4.45  4.48  3.75
2. Did the instructor seem interested in the subject    0   0   0   0   0   1   3  4.75   859/1448  4.75  4.55  4.71  4.80  4.75
3. Was lecture material presented and explained clearly 0   0   0   0   0   3   1  4.25   876/1436  4.25  3.82  4.29  4.37  4.25
4. Did the lectures contribute to what you learned      0   0   0   0   0   2   2  4.50   632/1432  4.50  3.85  4.29  4.33  4.50
5. Did audiovisual techniques enhance your understanding 0 1   0   0   0   2   1  4.33   408/1221  4.33  3.87  3.93  3.83  4.33


            Discussion
1. Did class discussions contribute to what you learned 1   0   0   0   0   2   1  4.33   530/1280  4.33  3.89  4.10  4.24  4.33
2. Were all students actively encouraged to participate 1   0   0   0   0   1   2  4.67   470/1277  4.67  4.06  4.34  4.52  4.67
3. Did the instructor encourage fair and open discussion 1 0   1   0   0   1   1  3.33  1156/1269  3.33  3.83  4.31  4.51  3.33
4. Were special techniques successful                   1   1   0   0   0   1   1  4.50   194/ 854  4.50  4.00  4.02  4.08  4.50


            Laboratory
1. Did the lab increase understanding of the material   3   0   0   0   0   1   0  4.00   168/ 215  4.00  4.06  4.36  4.72  4.00
2. Were you provided with adequate background information 3 0   0   0   1   0   0  3.00   220/ 228  3.00  3.79  4.35  4.39  3.00
3. Were necessary materials available for lab activities 3 0   0   0   1   0   0  3.00   211/ 217  3.00  4.03  4.51  4.61  3.00
4. Did the lab instructor provide assistance            3   0   0   0   0   0   1  5.00     1/ 216  5.00  4.58  4.42  4.76  5.00
5. Were requirements for lab reports clearly specified  3   0   0   1   0   0   0  2.00   204/ 205  2.00  3.89  4.23  4.40  2.00

                                            Frequency Distribution

Credits Earned          Cum. GPA          Expected Grades           Reasons                Type                    Majors
-------------------------------------------------------------------------------------------------------------------
  00-27      2       0.00-0.99    0          A    2       Required for Majors   0     Graduate      0        Major        4
  28-55      0       1.00-1.99    0          B    0                                                          
  56-83      0       2.00-2.99    0          C    0       General               0     Under-grad    4        Non-major    0
  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                 3
                                             ?    0
```