

## SUPPLEMENTAL INSTRUCTION (SI) SEMESTER REPORT SPRING 2007

The following is a summary of the impact of the Supplemental Instruction program on the class sections with SI components for the Spring 2007 semester. A total of **2,113** students out of **4,733** students (**45%**) enrolled in classes with SI components attended SI sessions.

| Courses with SI Components       | % of class who attend 1 or more SI Sessions | Mean # of times attend SI sessions for these data | Mean final course grade |        | Incoming variable of total SAT scores   | Final Course Grade Average Groupings |                       |
|----------------------------------|---|---|-------------------------|--------|---|--------------------------------------|-----------------------|
|                                  |   |   | SI                      | Non-SI |   | ABC                                  | DFW                   |
| 1. General Bio. BSC 2010-1       | 62% or 236 out of 379                       | 2 or more   | 2.9 (sig)               | 1.9    | SI SAT – 1004 (ns)<br>Non-SI SAT – 1042 | SI – 87%<br>Non – 59%                | SI – 13%<br>Non – 41% |
| 2. General Bio. BSC 2010-2       | 69% or 198 out of 285                       | 5 or more   | 3.1 (sig)               | 2.0    | SI SAT – 1041 (ns)<br>Non-SI SAT – 1081 | SI – 83%<br>Non – 57%                | SI – 17%<br>Non – 43% |
| 3. Genetics PCB 3063-1           | 41% or 89 out of 215                        | 5 or more   | 2.1 (ns)                | 2.0    | SI SAT – 888 (ns)<br>Non-SI SAT – 957   | SI – 66%<br>Non – 60%                | SI – 34%<br>Non – 40% |
| 4. General Chem. CHM 1032-1      | 53% or 126 out of 238                       | 1 or more   | 3.7 (sig)               | 3.0    | SI SAT – 949 (ns)<br>Non-SI SAT – 982   | SI – 96%<br>Non – 74%                | SI – 4%<br>Non – 26%  |
| 5. Fund. Chem. IA CHM 2930-13    | 52% or 54 out of 103                        | 2 or more   | 2.4 (sig)               | 1.4    | SI SAT – 1086 (sig)<br>Non-SI SAT – 952 | SI – 59%<br>Non – 31%                | SI – 41%<br>Non – 69% |
| 6. Fund. Chem. IB CHM 2931-2     | 50% or 70 out of 139                        | 2 or more   | 2.7 (ns)                | 2.4    | SI SAT – 1124 (ns)<br>Non-SI SAT – 1069 | SI – 81%<br>Non – 67%                | SI – 19%<br>Non – 33% |
| 7. Fund. Chem. IB CHM 2931-3     | 47% or 40 out of 85                         | 4 or more   | 3.0 (sig)               | 2.3    | SI SAT – 1017 (ns)<br>Non-SI SAT – 1065 | SI – 73%<br>Non – 78%                | SI – 28%<br>Non – 22% |
| 8. Fund. Chem. I CHM 2045-1      | 34% or 139 out of 403                       | 4 or more   | 2.2 (ns)                | 2.0    | SI SAT – 972 (ns)<br>Non-SI SAT – 1012  | SI – 68%<br>Non – 62%                | SI – 32%<br>Non – 38% |
| 9. Fund. Chem. II CHM 2046-1     | 49% or 146 out of 295                       | 1 or more   | 2.2 (ns)                | 2.1    | SI SAT – 1051 (ns)<br>Non-SI SAT – 1046 | SI – 57%<br>Non – 59%                | SI – 43%<br>Non – 41% |
| 10. Organic Chem. I CHM 2210-1   | 45% or 73 out of 162                        | 2 or more   | 1.7 (sig)               | 1.1    | SI SAT – 988 (ns)<br>Non-SI SAT – 898   | SI – 51%<br>Non – 25%                | SI – 49%<br>Non – 75% |
| 11. Organic Chem. I CHM 2210-2   | 49% or 68 out of 140                        | 2 or more   | 1.6 (sig)               | 1.1    | SI SAT – 1018 (ns)<br>Non-SI SAT – 969  | SI – 49%<br>Non – 32%                | SI – 51%<br>Non – 68% |
| 12. Organic Chem. II CHM 2211-2  | 41% or 43 out of 106                        | 4 or more   | 2.2 (ns)                | 1.8    | SI SAT – 1093 (ns)<br>Non-SI SAT – 1030 | SI – 56%<br>Non – 49%                | SI – 44%<br>Non – 51% |
| 13. Organic Chem. II CHM 2211-3  | 47% or 33 out of 70                         | 4 or more   | 2.7 (sig)               | 1.5    | SI SAT – 824 (ns)<br>Non-SI SAT – 966   | SI – 42%<br>Non – 43%                | SI – 58%<br>Non – 57% |
| 14. Biochemistry I BCH 4053-1    | 61% or 90 out of 147                        | 3 or more   | 1.9 (sig)               | 1.1    | SI SAT – 967 (ns)<br>Non-SI SAT – 932   | SI – 63%<br>Non – 40%                | SI – 37%<br>Non – 60% |
| 15. Human Anatomy ZOO 3733-1     | 38% or 145 out of 378                       | 3 or more   | 3.2 (sig)               | 2.4    | SI SAT – 923 (ns)<br>Non-SI SAT – 954   | SI – 88%<br>Non – 61%                | SI – 12%<br>Non – 39% |
| 16. Microbiology MCB 3020-1      | 52% or 77 out of 148                        | 2 or more   | 3.0 (ns)                | 2.8    | SI SAT – 926 (ns)<br>Non-SI SAT – 868   | SI – 95%<br>Non – 87%                | SI – 5%<br>Non – 13%  |
| 17. College Algebra MAC 1105-1   | 13% or 44 out of 326                        | 1 or more   | 2.7 (sig)               | 2.2    | SI SAT – 1000 (ns)<br>Non-SI SAT – 1005 | SI – 84%<br>Non – 69%                | SI – 16%<br>Non – 31% |
| 18. College Algebra MAC 1105-2   | 17% or 58 out of 341                        | 1 or more   | 2.7 (sig)               | 2.1    | SI SAT – 960 (sig)<br>Non-SI SAT – 1051 | SI – 88%<br>Non – 62%                | SI – 12%<br>Non – 38% |
| 19. College Physics I PHY 2053-2 | 28% or 23 out of 83                         | 1 or more   | 2.6 (ns)                | 2.0    | SI SAT – 907 (ns)<br>Non-SI SAT – 946   | SI – 78%<br>Non – 47%                | SI – 22%<br>Non – 53% |
| 20. College Physics I PHY 2053-5 | 6% or 3 out of 48                           | 1 or more   | 2.7 (ns)                | 1.8    | SI SAT – 813 (ns)<br>Non-SI SAT – 960   | SI – 67%<br>Non – 56%                | SI – 33%<br>Non – 44% |
| 21. Physical Science PSC 1121-2  | 64% or 238 out of 374                       | 1 or more   | 2.8 (sig)               | 2.5    | SI SAT – 979 (sig)<br>Non-SI SAT – 1060 | SI – 94%<br>Non – 80%                | SI – 6%<br>Non – 20%  |
| 22. Physical Science PSC 1121-3  | 52% or 77 out of 149                        | 1 or more   | 2.7 (sig)               | 2.4    | SI SAT – 1020 (ns)<br>Non-SI SAT – 1018 | SI – 91%<br>Non – 81%                | SI – 9%<br>Non – 19%  |
| 23. Geology GLY 1030-1           | 36% or 22 out of 61                         | 1 or more   | 2.8 (sig)               | 2.2    | SI SAT – 1063 (ns)<br>Non-SI SAT – 1059 | SI – 68%<br>Non – 44%                | SI – 32%<br>Non – 56% |
| 24. Geology GLY 1030-2           | 36% or 21 out of 58                         | 3 or more   | 3.0 (sig)               | 2.3    | SI SAT – 931 (sig)<br>Non-SI SAT – 1122 | SI – 81%<br>Non – 43%                | SI – 19%<br>Non – 57% |