

| Summa Summaries Comparisons                                 |             |             |              |              |               |               |             |             |
|---|-------------|-------------|--------------|--------------|---------------|---------------|-------------|-------------|
|   | 2005<br>A&S | 2007<br>A&S | 2005<br>Bib. | 2007<br>Bib. | 2005<br>Prof. | 2007<br>Prof. | 2005<br>LBC | 2007<br>LBC |
| 1. Clarity and audibility of instructor's speech            | 4.46        | 4.44        | 4.40         | 4.57         | 4.71          | 4.70          | 4.51        | 4.57        |
| 2. Assignments contribute to understanding                  | 4.30        | 4.38        | 4.31         | 4.46         | 4.49          | 4.47          | 4.35        | 4.44        |
| 3. Course requirements explained fully                      | 4.23        | 4.19        | 4.24         | 4.40         | 4.41          | 4.33          | 4.29        | 4.31        |
| 4. Presentations cause me to think in depth                 | 3.39        | 3.89        | 4.05         | 4.32         | 4.19          | 4.15          | 4.03        | 4.12        |
| 5. Adequate means to evaluate my learning                   | 4.27        | 4.27        | 4.11         | 4.24         | 4.37          | 4.34          | 4.24        | 4.28        |
| 6. Methods for evaluating are reasonable                    | 4.36        | 4.28        | 4.26         | 4.38         | 4.50          | 4.37          | 4.36        | 4.34        |
| 7. Adequate opportunity to ask questions                    | 4.60        | 4.64        | 4.60         | 4.63         | 4.71          | 4.73          | 4.63        | 4.66        |
| 8. Instructor teaches clearly                               | 4.37        | 4.35        | 4.29         | 4.52         | 4.53          | 4.48          | 4.40        | 4.45        |
| 9. Instructor seems well prepared                           | 4.65        | 4.67        | 4.57         | 4.73         | 4.63          | 4.53          | 4.61        | 4.65        |
| 10. Instructor cares about my learning                      | 4.50        | 4.60        | 4.47         | 4.63         | 4.66          | 4.72          | 4.50        | 4.65        |
| 11. Course appears well planned                             | 4.46        | 4.50        | 4.43         | 4.62         | 4.49          | 4.41          | 4.46        | 4.51        |
| 12. Course objectives being achieved                        | 4.41        | 4.43        | 4.34         | 4.40         | 4.45          | 4.39          | 4.39        | 4.43        |
| 13. I look forward to class                                 | 3.58        | 3.56        | 3.77         | 4.02         | 4.09          | 4.02          | 3.79        | 3.86        |
| 14. The effort I put in to this course equals other courses | 3.31        | 3.91        | 3.84         | 4.12         | 4.05          | 4.02          | 3.89        | 4.02        |
| 15. Objectives are expressed clearly                        | 4.29        | 4.33        | 4.39         | 4.47         | 4.42          | 4.40          | 4.36        | 4.40        |
| 16. Instructor committed to high professional competence    | 4.53        | 4.62        | 4.50         | 4.69         | 4.63          | 4.65          | 4.56        | 4.66        |
| 17. Instructor gives useful feedback                        | 3.97        | 4.08        | 3.70         | 3.70         | 4.15          | 4.18          | 3.92        | 3.98        |
| 18. I am learning much                                      | 4.09        | 4.18        | 4.14         | 4.39         | 4.36          | 4.27          | 4.18        | 4.28        |
| 19. Assignments are challenging                             | 3.93        | 4.21        | 3.98         | 4.12         | 4.10          | 4.08          | 3.99        | 4.14        |
| 20. Instructor helps without taking over                    | 4.12        | 4.23        | 3.99         | 4.14         | 4.39          | 4.28          | 4.15        | 4.22        |
| 21. Instructor relates theory to practice                   | 4.19        | 4.23        | 4.23         | 4.39         | 4.50          | 4.45          | 4.29        | 4.35        |
| 22. Overall good teacher                                    | 4.48        | 4.42        | 4.37         | 4.64         | 4.62          | 4.53          | 4.48        | 4.53        |
| 23. Exams cover materials from course                       | 4.50        | 4.41        | 4.47         | 4.62         | 4.62          | 4.48          | 4.52        | 4.51        |
| 24. Adequate time for exams                                 | 4.50        | 4.53        | 4.73         | 4.80         | 4.67          | 4.61          | 4.63        | 4.66        |
| 25. Exam questions phrased clearly                          | 4.22        | 4.21        | 4.18         | 4.18         | 4.43          | 4.07          | 4.27        | 4.16        |
| 26. Textbooks contribute to understanding                   | 4.00        | 4.06        | 4.12         | 4.18         | 4.24          | 4.19          | 4.11        | 4.14        |
| 27. Course is practical for students                        | 4.26        | 4.28        | 4.32         | 4.48         | 4.58          | 4.52          | 4.37        | 4.43        |
| 28. Experiences meet learning needs                         | 3.87        | 4.10        | 3.74         | 3.94         | 4.19          | 4.11          | 3.93        | 4.07        |
| 29. Instructor explains techniques clearly                  | 3.98        | 4.00        | 4.04         | 4.00         | 4.13          | 4.25          | 4.04        | 4.08        |
| 30. Assignments increase understanding for lab              | 3.60        | 3.98        | 3.71         | 3.87         | 4.13          | 4.09          | 3.78        | 3.99        |
| 31. Labs contribute to understanding                        | 3.70        | 3.94        | 3.86         | 3.96         | 4.31          | 4.07          | 3.93        | 3.99        |
| 32. Manual explains procedures for lab                      | 3.77        | 4.03        | 3.86         | 4.03         | 4.06          | 3.81          | 3.87        | 3.70        |
| 33. Equipment is ready for labs                             | 4.07        | 4.31        | 3.85         | 4.00         | 4.32          | 4.05          | 4.08        | 4.15        |

