ENGR 160 Fall 2008
Please rate how well this class addressed each one of the following class learning outcomes (4 = Enough, 1 = Not enough).

| Learning Course Objectives | Student Evaluation (\%) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 4 | 3 | 2 | 1 | N/A |
| 1. Convert any number between different number systems. |  |  |  |  |  |
| 2. Solve arithmetic operations using binary, octal, and hexadecimal numbers. |  |  |  |  |  |
| 3. Identify when radix and diminished radix complements are to be used. |  |  |  |  |  |
| 4. Describe the operation of each type of basic logic gate. |  |  |  |  |  |
| 5. Justify, prove and apply all theorems of Boolean algebra. |  |  |  |  |  |
| 6. Calculate gate level minimization algebraically and with advanced methods. |  |  |  |  |  |
| 7. Describe and utilize each one of the combinational logic devices. |  |  |  |  |  |
| 8. Design and optimize complex combinational logic circuits. |  |  |  |  |  |
| 9. Derive and utilize latches and flip-flops. |  |  |  |  |  |
| 10. Design and improve simple synchronous sequential logic circuits. |  |  |  |  |  |

