

**Moaveni -**  
***Engineering Fundamentals: An Introduction to Engineering***  
**A Comparison of Edition 2 with Edition 1.**

Chapter – 2 <sup>nd</sup> Edition	1 <sup>st</sup> Edition	Date
1. Introduction to the Engineering Profession	Chapter 2.	9/12/05
2. Preparing for an Engineering Career	Chapter 1.	9/12/05
3. Introduction to Engineering Design	Chapter 16, Section 16.1	10/17/05
4. Engineering Communication	Chapter 3, Section 3.5	11/28/05
5. Ethics	Chapter 16, Section 16.3	9/12/05
6. Fundamental Dimensions and Units	Chapter 3, Section 3.1	9/19/05
7. Length and Length Related Engineering Parameters	Chapter 4	9/19/05
8. Time and Time-Related Parameters	Chapter 5	9/19/05
9. Mass and Mass-Related Parameters	Chapter 6	
10. Force and Force-Related Parameters	Chapter 7	9/26/05
11. Temperature and Temperature- related Parameters	Chapter 8	
12. Electric Current and Related parameters	Chapter 9	
13. Energy and Power	Chapter 10	
14. Electronic Spread Sheets	Chapter 14	9/26/05
15. MATLAB		
16. Engineering Drawings and Symbols	Chapter 13 and 15	
17. Engineering Materials	Chapter 11	10/10/05
18. Mathematics in Engineering		
19. Probability and Statistics in Engineering		
20. Engineering Economics	Chapter 16, Section 16.2	11/28/05