

ELEC 481/ENGR 6131
Linear Systems

**Reading Topics/Solved Problems/Assigned Problems
from Brogan – Modern Control Theory – 3rd Edition**

1. Chapters 1, 2, 4, 5, and 6 (Review and background material)
2. Chapter 3 (all sections) – Solved problems pp. 104-108, 111-118 – Assigned problems 3.19, 3.20-25
3. Chapter 7 (all sections except 7.6 and 7.7) – Solved problems pp. 267-271, 279 - Assigned problems 7.39-42, 47,48
4. Chapter 8 (all sections) – Solved problems pp. 292-305 – Assigned problems 8.25-35
5. Chapter 9 (all sections except 9.8-9.13) – Solved problems pp. 326-329, 333 – Assigned problems 9.29-33
6. Chapter 11 (all sections except 11.5-8) – Solved problems pp. 387-396 – Assigned problems 11.26-32
7. Chapter 12 (all sections except 12.4-6) – Solved problems pp. 426-429 – Assigned problems 12.19-20
8. Chapter 13 (all sections except 13.5, 13.6.2, 13.6.4, 13.9) – Solved problems pp. 489-490, 492-493 – Assigned problems 13.22-23, 13.33-34