January 6. Introduction, inner product spaces (Ch 1)
January 8. Inner product spaces (Ch 1), Normed spaces (Ch 2)
January 10. Normed spaces (Ch 2)
January 13. Hilbert and Banach spaces (Ch 3)
January 15. Hilbert and Banach spaces (Ch 3)
January 17. Completions (Lecture notes)
January 19. Completions (Lecture notes)
January 22. Orthogonal expansions (Ch 4)
January 24. Orthogonal expansions (Ch 4)
January 27. Orthogonal expansions (Ch 4)
January 29. Classical Fourier series (Ch 5)
January 31. Classical Fourier series (Ch 5)
February 3. Orthogonal expansions (Ch 4)
February 5. Dual spaces (Ch 6)
February 7. Dual spaces (Ch 6), Linear operators (Ch 7)
February 10. Midterm
February 12. Linear operators (Ch 7)
February 14. Linear operators (Ch 7)
February 19. Compact operators (Ch 8)
February 21. Compact operators (Ch 8)
February 24. Compact operators (Ch 8)
February 26. Sturm-Liouville systems (Ch 9)
February 28. Sturm-Liouville systems (Ch 9)
March 2. Green’s functions (Ch 10)
March 4. Green’s functions (Ch 10)
March 6. Green’s functions (Ch 10)
March 9. Eigenfunction expansions (Ch 11)
March 11. Eigenfunction expansions (Ch 11)
March 13. Review

Note: The schedule is still subject to change.