

# Study Plan for COE501 - Module 4 - F2025 - Annotated 3

Date	Time	Summary	Description
2024-11-18 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 1	Review syllabus, comparison of electric/magnetic attributes
2024-11-25 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 2	Electric and Magnetic Forces: Lorentz force, Magnetic Force
2024-12-02 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 3	Electric vs. Magnetic forces, Energy considerations.
2024-12-09 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 4	Module 5.1: Electron Motion in Static Fields.
2024-12-16 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 5	Module 5.1: Electron Motion in Static Fields - Case 1.
2024-12-23 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 6	Module 5.1: Electron Motion in Static Fields - Case 2.
2024-12-30 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 7	Module 5.1: Electron Motion in Static Fields - Case 3.
2025-01-06 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 8	Magnetic Force on a Current Element
2025-01-13 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 9	Magnetic Force on a Current-Carrying Line
2025-01-20 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 10	Magnetic Force on a Wire
2025-01-27 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 11	Torque and Magnetic Torque on Current Loop
2025-02-03 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 12	Inclined Loop
2025-02-10 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 13	The Biot-Savart Law and Magnetic Field
2025-02-17 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 14	Magnetic Dipole and Parallel Conductors
2025-02-24 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 15	Gauss's Law for Magnetism and Ampère's Law
2025-03-03 (Mon)	10:00 AM - 12:00 PM	Study Magnetostatics Week 16	Vector Magnetic Potential A