

PHY505  
Classical Electrodynamics  
Fall 2002

**Reserve Book List**

Arfken	Mathematical Methods for Physicists <sup>1</sup>
Becker	Electromagnetic Fields and Interactions <sup>2</sup>
Courant & Hilbert	Methods of Mathematical Physics <sup>1</sup>
Dennerly & Krzywicki	Mathematics for Physicists <sup>1</sup>
Feynman et al.	Lectures on Physics, Vol.II <sup>3</sup>
Griffiths	Introduction to Electrodynamics <sup>4</sup>
Jackson	Classical Electrodynamics <sup>2</sup>
Landau & Lifshitz	Electrodynamics of Continuous Media <sup>2</sup>
Landau & Lifshitz	The Classical Theory of Fields <sup>2</sup>
Lighthill	Introduction to Fourier Analysis & Generalized Functions <sup>1</sup>
Low	Classical Field Theory: Electromagnetism & Gravitation <sup>2</sup>
Ohanian	Classical Electrodynamics <sup>4</sup>
Panofsky & Phillips	Classical Electricity & Magnetism <sup>2</sup>
Schwinger et al.	Classical Electrodynamics <sup>2</sup>
Stratton	Electromagnetic Theory <sup>2</sup>
Whittaker	A History of the Theories of Aether and Electricity

<sup>1</sup> Mathematical reference.

<sup>2</sup> Graduate level E&M text.

<sup>3</sup> Sui Generis. Feynman's book is ostensibly an introductory college text, but students and instructors can learn a lot of physics from it.

<sup>4</sup> Advanced undergraduate text, good for review.