

Syllabus Part B

GRADUATE ELECTRODYNAMICS II

PHYSICS 631

Semester: Spring 2026 **Meeting Times:** see below; **Credit Hours:** 3 **Modality:** IN-PERSON

Instructor Information

- **Instructor:** Chris Greene
- **Office:** PHYS 280
- **Email:** chgreene_at_purdue.edu
- **Office Hours:** Tuesdays and Thursdays, 1:30-2:30
- **Preferred Contact Method:** email

Course Description

See part A

Learning Outcomes

By the end of this course, students will be able to understand and perform calculations in advanced electrodynamics.

Required Materials

- **Textbook(s):** Jackson, Electrodynamics, 3rd Edition
- **Software/Tools Encouraged:** Mathematica

Course Schedule

Mondays and Wednesdays, 9am, PHYS 234

Assignments & Grading

Grading is based on assigned problems only

Grading Scale

To be determined based on performance

Late Work Policy

Late homework will generally not be accepted, except in rare cases if agreed by the instructor.

Attendance/Participation Policy

Attendance at lectures is strongly encouraged but not mandatory

Course Policies

Academic Integrity, see the following:

<https://www.purdue.edu/odos/osrr/academic-integrity/index.php>

Accessibility & Accommodations, see the following:

<https://www.purdue.edu/innovativelearning/tools-resources/accessibility/digital-instructional-materials-accessibility-checklist/>

Nondiscrimination Statement

Purdue University is committed to maintaining a community that recognizes and values the inherent worth and dignity of every person; fosters tolerance, sensitivity, understanding, and mutual respect among its members; and encourages each individual to strive to reach his or her potential. A hyperlink to Purdue's full Nondiscrimination Policy Statement is included in the Academic Resources table on your Brightspace homepage.

Emergency Preparedness

See Purdue's website on Emergency Preparedness: <https://www.purdue.edu/ehps/emergency-preparedness/>

Mental Health & Well-Being Resources

If you find yourself beginning to feel some stress, anxiety and/or feeling slightly overwhelmed, try Therapy Assistance Online (TAO), a web and app-based mental health resource available courtesy of Purdue Counseling and Psychological Services (CAPS). TAO is available to all students at any time by creating an account on the TAO Connect website, or downloading the app from the App Store or Google Play.

Course Communication

- Announcements and assignments are posted in Brightspace